



MDS DATA DICTIONARY

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DISCLAIMER:

Note this document may be subject to change at every major release of MDS.

Please note that any data used is completely synthetic and purely for demonstrative purposes.

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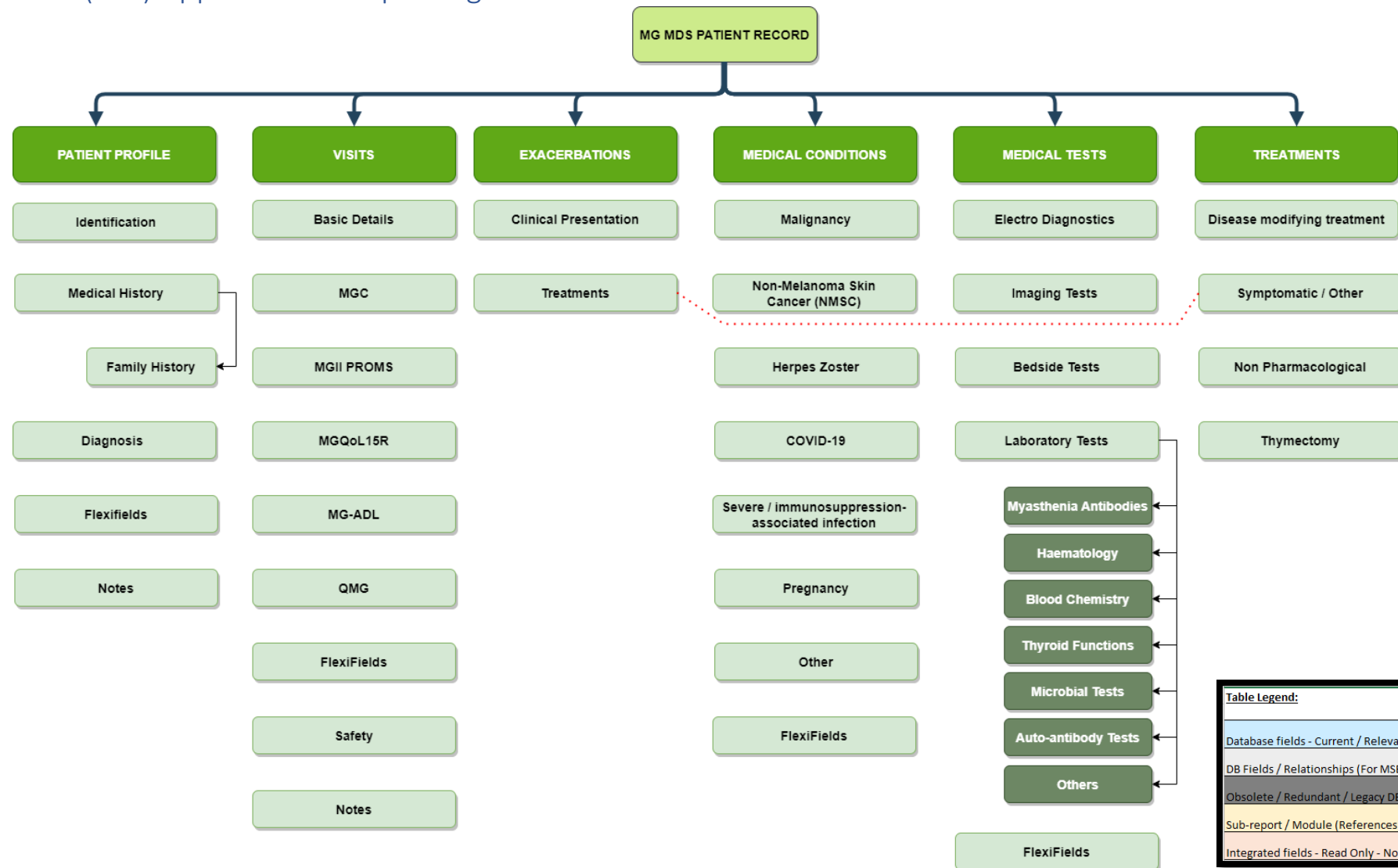
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MDS (MG) App Content Map & Legend



1. PATIENT PROFILE – Patient Identification

1.1 Description

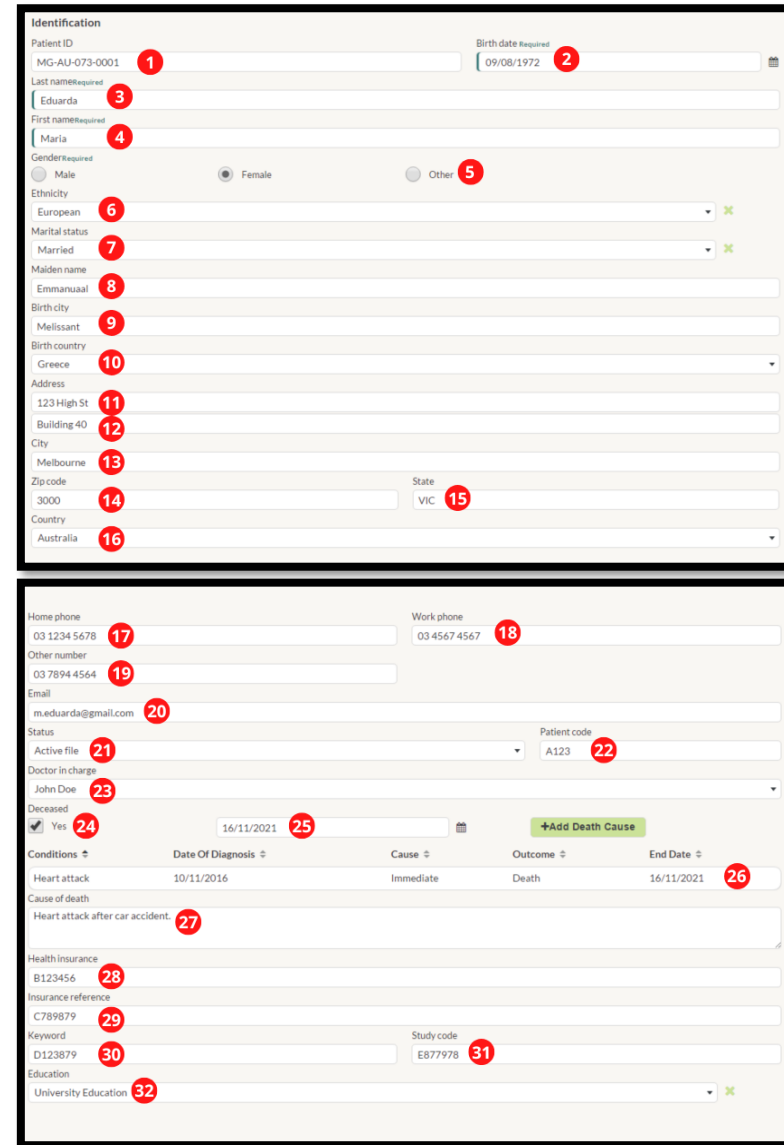
The Identification form captures basic demographic details, for example the Age and Sex and demographic details of the patient.

1.2 Rules and Constraints

- The minimum dataset consists of Last Name, First Name, Gender and Date of Birth.
- Patient cannot be saved unless mandatory fields are populated.
- Patient cannot be saved if there is another patient with the same identical minimum dataset.

1.3 Functions

- Add a patient – You can enter basic information about the patient, once saved, the patient now exists in MDS.
- Edit a patient – You can edit data about the patient.



The screenshot displays the MGBase Patient Identification form, which is divided into two main sections. The top section contains fields for Patient ID (1), Birth date (2), Last name (3), First name (4), Gender (5), Ethnicity (6), Marital status (7), Maiden name (8), Birth city (9), Birth country (10), Address (11), Building (12), City (13), Zip code (14), State (15), and Country (16). The bottom section contains fields for Home phone (17), Work phone (18), Other number (19), Email (20), Status (21), Patient code (22), Doctor in charge (23), Deceased (24), Date of death (25), Cause of death (26), Conditions (27), Health insurance (28), Insurance reference (29), Keyword (30), Study code (31), and University Education (32). The form includes various input types such as text boxes, dropdown menus, radio buttons, and a date picker. A green '+Add Death Cause' button is visible next to the Date of death field.

1.4 Patient Identification Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
1.01	Patient ID [Patient.GlobalCode]	String [nvarchar]	100	MG-CountryCode- CentreCode- PatientNumber, e.g. MG-XX-0000-0000	Mandatory			Y	Read only. Unique, the ID for the patient. Patient Number is determined by current highest number + 1
1.02	Birth Date [Patient.BirthDate]	Date [datetime]		dd/mm/yyyy	Mandatory	Required Duplicate Check	Filtered Today less 100 years to Today	Y	Day set to 1 (Month precision) when sent to Registry
1.03	Last Name [Patient.LastName]	String [nvarchar]	50		Mandatory	Required Duplicate Check Length		N	
1.04	First name [Patient.FirstName]	String [nvarchar]	50		Mandatory	Required Duplicate Check Length		N	
1.05	Gender [Patient.Gender]	Radio [int]			Mandatory	Required Duplicate Check	Female [1]; Male [0], Other [2]	Y	Biological sex of patient
1.06	Ethnicity [Patient.EthnicOriginId]	Dropdown [uniqueidentifier]			Yes		Lookup values from Table EthnicOrigin African; Jewish; Middle-eastern; Admixed; Other; Indigenous; Asian; European; Hispanic; Inuit; Semite	Y	Ethnic origin
1.07	Marital status [Patient.MaritalStatusId]	Dropdown [uniqueidentifier]			Yes		Lookup values from Table MaritalStatus Married; De Facto; Separated; Divorced; Widowed; Single (never married)	N	
1.08	Maiden Name [Patient.MaidenName]	String [nvarchar]	50		Yes	Length Available where Gender = Female		N	
1.09	Birth City [Patient.BirthCity}	String [nvarchar]	20		Yes	Length		Y	Birth city of patient

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
1.10	Birth Country [Patient.BirthCountryId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table Country Afghanistan; Albania; Algeria; Andorra; Angola; Argentina; Armenia; Australia; Austria; Azerbaijan; Bahamas; Bahrain; Bangladesh; Barbados; Belarus; Belgium; Belize; Benin; Bermuda; Bhutan; Bolivia; Bosnia And Herzegovina; Botswana; Brazil; Brunei Darussalam; Bulgarie; Burkina Faso; Burundi; Cambodia; Cameroon; Canada; Cape Verde; Central African Republic; Chad; Chile; China; Colombia; Congo; Costa Rica; Cote D'Ivoire; Croatia; Cuba; Cyprus; Czech Republic; Denmark; Djibouti; Dominica; Dominican Republic; East Timor; Ecuador; Egypt; El Salvador; Equatorial Guinea; Eritrea; Estonia; Ethiopia; Finland; France; Gabon; Gambia; Georgia; Germany; Ghana; Gibraltar; Greece; Greenland; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Hong Kong; Hungary; Iceland; India; Indonesia; Iran; Iraq; Ireland; Israel; Italy; Jamaica; Japan; Jordan; Kazakhstan; Kenya; Kuwait; Kyrgyzstan; Laos; Latvia; Lebanon; Lesotho; Liberia; Libya; Liechtenstein; Lithuania; Luxembourg; Macedonia; Madagascar; Malawi; Malaysia; Maldives; Mali; Malta; Mauritania; Mauritius; Mexico; Moldova; Monaco; Mongolia; Morocco; Mozambique; Namibia; Nepal; Netherlands; New Caledonia; New Zealand; Nicaragua; Niger; Nigeria; North Korea; Norway; Oman; Pakistan; Palestine; Panama;	Y	Birth country

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Paraguay; Peru; Philippines; Poland; Portugal; Puerto Rico; Qatar; Romania; Russian Federation; Rwanda; Samoa; San Marino; Saudi Arabia; Senegal; Serbia; Seychelles; Sierra Leone; Singapore; Slovakia; Slovenia; Somalia; South Africa; South Korea; Spain; Sri Lanka; Sudan; Suriname; Swaziland; Sweden; Switzerland; Syria; "Taiwan; Republic Of China"; Tajikistan; Tanzania; Thailand; Togo; Tonga; Tunisia; Turkey; Turkmenistan; Uganda; Ukrainian Ssr; United Arab Emirates; United Kingdom; United States; Uruguay; Uzbekistan; Venezuela; Vietnam; Western Sahara; Yemen; Zaire; Zambia; Zimbabwe		
1.11, 1.12	Address [Patient.Address_AddressLine1, Patient.Address_AddressLine2]	String [nvarchar]	50		Yes	Length		N	
1.13	City [Patient.Address_City]	String [nvarchar]	50		Yes	Length		N	
1.14	Zip Code [Patient.Address_ZipCode]	String [nvarchar]	10		Yes	Length		N	
1.15	State [Patient.Address_State]	String [nvarchar]	20		Yes	Length		N	
1.16	Country [Patient.AddressCountryId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table Country Afghanistan; Albania; Algeria; Andorra; Angola; Argentina; Armenia; Australia; Austria; Azerbaijan; Bahamas; Bahrain; Bangladesh; Barbados; Belarus; Belgium; Belize; Benin; Bermuda; Bhutan; Bolivia; Bosnia And Herzegowina; Botswana;	Y	Country of residence

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Brazil; Brunei Darussalam; Bulgarie; Burkina Faso; Burundi; Cambodia; Cameroon; Canada; Cape Verde; Central African Republic; Chad; Chile; China; Colombia; Congo; Costa Rica; Cote D'Ivoire; Croatia; Cuba; Cyprus; Czech Republic; Denmark; Djibouti; Dominica; Dominican Republic; East Timor; Ecuador; Egypt; El Salvador; Equatorial Guinea; Eritrea; Estonia; Ethiopia; Finland; France; Gabon; Gambia; Georgia; Germany; Ghana; Gibraltar; Greece; Greenland; Grenada; Guadeloupe; Guatemala; Guinea; Guinea-Bissau; Guyana; Haiti; Honduras; Hong Kong; Hungary; Iceland; India; Indonesia; Iran; Iraq; Ireland; Israel; Italy; Jamaica; Japan; Jordan; Kazakhstan; Kenya; Kuwait; Kyrgyzstan; Laos; Latvia; Lebanon; Lesotho; Liberia; Libya; Liechtenstein; Lithuania; Luxembourg; Macedonia; Madagascar; Malawi; Malaysia; Maldives; Mali; Malta; Mauritania; Mauritius; Mexico; Moldova; Monaco; Mongolia; Morocco; Mozambique; Namibia; Nepal; Netherlands; New Caledonia; New Zealand; Nicaragua; Niger; Nigeria; North Korea; Norway; Oman; Pakistan; Palestine; Panama; Paraguay; Peru; Philippines; Poland; Portugal; Puerto Rico; Qatar; Romania; Russian Federation; Rwanda; Samoa; San Marino; Saudi Arabia; Senegal; Serbia; Seychelles; Sierra Leone; Singapore; Slovakia; Slovenia; Somalia; South Africa; South Korea; Spain; Sri Lanka; Sudan;		

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Suriname; Swaziland; Sweden; Switzerland; Syria; "Taiwan; Republic Of China"; Tajikistan; Tanzania; Thailand; Togo; Tonga; Tunisia; Turkey; Turkmenistan; Uganda; Ukrainian Ssr; United Arab Emirates; United Kingdom; United States; Uruguay; Uzbekistan; Venezuela; Vietnam; Western Sahara; Yemen; Zaire; Zambia; Zimbabwe		
1.17	Home Phone [Patient.HomePhone]	String [nvarchar]	50		Yes	Length max 20		N	
1.18	Work Phone [Patient.WorkPhone]	String [nvarchar]	50		Yes	Length max 20		N	
1.19	Other Number [Patient.OtherNumber]	String [nvarchar]	50		Yes	Length max 20		N	
1.20	Email [Patient.Email]	String [nvarchar]	100		Yes	Validity Length		N	
1.21	Status [Patient.Status]	Dropdown [int]			Yes		Active File [2]; Inactive File [1]	Y	Defaults to Active File
1.22	Patient Code [Patient.PatientCode]	String [nvarchar]	50		Yes	Length		N	
1.23	Doctor in charge [Patient.DoctorInCharge]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table User (Centre specific)	N	
1.24	Deceased [Patient.IsDeceased]	Checkbox [bit]			No		No [0]; Yes [1]	Y	
1.25	Deceased Date [Patient.DateOfDeath]	Date [datetime]		dd/mm/yyyy	Yes	Only available if Deceased = Yes Required if Deceased = Yes	Filtered ≥ Date of Birth and ≤ Today	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
1.26	Death Related Cause [FK__MedicalEv__Patie__09FE775D, Relationship 1 to Many, Patient.Id to MedicalEvent.PatientId]	Sub-Report [Relationship]			Yes				Captured in Medical Events, aggregated in this view.
1.27	Cause of Death [Patient.CauseOfDeath]	String [nvarchar]	50		Yes	Only available if Deceased = Yes Length		Y	
1.28	Health Insurance [Patient.HealthInsurance]	String [nvarchar]	20		Yes	Length		N	
1.29	Insurance Reference [Patient.InsuranceReference]	String [nvarchar]	20		Yes	Length		N	
1.30	Keyword [Patient.Keyword]	String [nvarchar]	50		Yes	Length		N	
1.31	Study code [Patient.StudyCode]	String [nvarchar]	20		Yes	Length		N	
1.32	Education [Patient.Education]	Dropdown [nvarchar]	20		Yes		Lookup Values from table Education Primary school; Secondary school; University Education; Technical/ Trade College	Y	Education level
	[Patient.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[Patient.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[Patient.GlobalId]	Hidden [int]			Yes			Y	Unique patient id that is the used in the calculation of the Global Code. Used to track what the next id is for creating the Global Code (MSBase Patient ID).

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[Patient.Id]	Hidden [uniqueidentifier]			No			Y	Global unique id and assigned on creation
	[Patient.IMedFingerprint]	Hidden [nvarchar]	50		Yes			Y	Populated when patient data is imported from iMed. Global unique iMed Patient ID
	[Patient.IsActive]	Hidden [bit]			No			Y	No longer used.
	[Patient.IsComplete]	Hidden [bit]			Yes			N	Calculated by – must have 1 visit in past 12 months with MGC and Modified Rankin scores. Must have a diagnosis.
	[Patient.IsDeleted]	Hidden [bit]			No			Y	Set when user deletes the record from Manage All patients.
	[Patient.IsEnrolled]	Hidden [bit]			No			N	Set to 1 when enrolled from Manage All Patients or Patient Details
	[Patient.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[Patient.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[Patient.RegistryId]	Hidden [uniqueidentifier]			Yes			N	Patient ID on registry, set when a patient is synced to registry.
	[Patient.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK_Patient_EthnicOriginId, Relationship 1 to Many,	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	EthnicOrigin.Id to Patient.EthnicOriginId]								
	[FK_Patient_MaritalStatusId, Relationship 1 to Many, MaritalStatus.Id to Patient.MaritalStatusId]	Hidden [Relationship]							
	[FK_Patient__BirthCo__1EF99443, Relationship 1 to Many, Country.Id to Patient.BirthCountryId]	Hidden [Relationship]							
	[FK_Patient__Address__1E05700A, Relationship 1 to Many, Country.Id to Patient.AddressCountryId]	Hidden [Relationship]							
	[FK_Patient_EducationId, Relationship 1 to Many, Education.ID to Patient.EducationId]	Hidden [Relationship]							
	[FK_Paraclini__Patie__1B29035F, Relationship 1 to Many, Patient.Id to ParaclinicalTest.PatientId]	Hidden [Relationship]							

2. PATIENT PROFILE – Medical History

Entry in the Clinic

Date Required 

Referred by

History of other autoimmune diseases
☐ Unknown ☒ Yes ☐ No

Diseases and Medical conditions  

Conditions	Date Of Diagnosis	Treatment Modality	Outcome	End Date
Heart attack	10/11/2016		Death	16/11/2021

Family Disease History    Family MG History ☐ ? ☒ Yes ☐ No

MDS	Relationship	Name	MG	Medical Conditions
☒	Brother	Thomas May	☒	Myasthenia gravis (13/05/2004 - 14/11/2008) Skin cancer (28/08/1987 - 17/08/1995)

Remarks
 Brother - Congenital MG

2.1 Description

The Medical History captures information about the patient's medical history and family medical history.

- medical history for patient.
- Enter and Delete Medical Condition – You can add/edit Medical Event and Delete Medical Event.
- Enter and Delete Family History – You can add and remove family member disease history.

2.2 Rules and Constraints

- Medical History for family members does not need to be MS Related.

2.3 Functions

- Enter/Edit Data – You can add and modify diseases and medical conditions for patient and also access the family disease history (medical conditions) if applicable.

2.4 Medical History Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
2.01	Date [PatientMedicalHistory.Date]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today	Y	Defaults to <today> Clinic entry/First Seen
2.02	Referred by [PatientMedicalHistory.ReferredById]	Dropdown [uniqueidentifier]			Yes		Lookup values from Table CareProfessional (Centre specific)	N	
2.03	History of other autoimmune diseases [PatientMedicalHistory.HistoryOfOtherAutoimmuneDiseases]	Radio [bit]			Yes		Unknown[NULL]; Yes[1]; No[0]	Y	Measure in months
2.04	Diseases and Medical conditions [FK__MedicalEv__Patie__09FE775D, Relationship 1 to Many, Patient.Id to MedicalEvent.PatientId] [FK__Covid19Event__Id__69279377, Relationship 1 to 1, MedicalEvent.Id to Covid19Event.Id] [FK__FlexiFieldEv__Id__7CA47C3F, Relationship 1 to 1, MedicalEvent.Id to FlexiFieldEvent.Id] [FK__HerpesEvent__Id__7F80E8EA, Relationship 1 to 1, MedicalEvent.Id to HerpesEvent.Id] [FK__Immunoinfect__Id__0169315C, Relationship 1 to 1, MedicalEvent.Id to ImmunoinfectionEvent.Id] [FK__MalignancyEv__Id__090A5324, Relationship 1 to 1, MedicalEvent.Id to MalignancyEvent.Id] [FK__NMSCEvent__Id__147C05D0, Relationship 1 to 1, MedicalEvent.Id to NMSCEvent.Id] [FK__OtherEvent__Id__1A34DF26, Relationship 1 to 1, MedicalEvent.Id to OtherEvent.Id] [FK__PregnancyEve__Id__320C68B7,	Sub-report [Relationships]			Yes				Captured in Medical Events, aggregated in this view

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	Relationship 1 to 1, MedicalEvent.Id to PregnancyEvent.Id]								
2.05	Family Disease History [FK__FamilyDis__Medic__78D3EB5B, Relationship 1 to Many, PatientMedicalHistory.Id to FamilyDiseaseHistory.MedicalHistoryId] [FK__FamilyDis__FamIl__79C80F94, Relationship 1 to Many, FamilyDiseaseHistory.Id to FamilyDiseaseHistoryMedicalCondition.FamilyDiseaseHistoryId]	Sub-report			Yes			Y	
2.06	Family MG History [PatientMedicalHistory.IsFamilyMgHistory]	Radio [bit]			Yes		No [0]; ? [NULL]; Yes [1]	Y	Defaults to ? Refer to Section Family History
2.07	Remarks [PatientMedicalHistory.Remarks]	Memo [text]	2,147,483,647		Yes			N	
	[PatientMedicalHistory.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientMedicalHistory.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientMedicalHistory.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientMedicalHistory.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientMedicalHistory.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientMedicalHistory.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK__PatientMe__Refer__24B26D99, Relationship 1 to Many, CareProfessional.Id to PatientMedicalHistory.ReferredById]	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[FK__PatientMedic__Id__25A691D2, Relationship 1 to 1 Patient.Id to PatientMedicalHistory.Id]	Hidden [Relationship]							

3. PATIENT PROFILE - Medical History – Family History

3.1 Description

This Family History form is an important utility to capture familial medical conditions. A family member may already exist in MDS, in which case the family member may be selected from the drop-down list and their details will be pre-populated. However, in the likely scenario that the family member is not in MDS then this data may be entered manually.

This screen will only appear when initiated from the Medical History page.

3.2 Rules and Constraints

- Relationship type is a mandatory field.

3.3 Functions

- Enter Data – User enters disease and medical history for patient.
- Enter, Edit and Delete Medical Condition – User able to add Medical Event and Delete Medical Event.
- Enter and Delete Family History – User able to add and remove family member disease history.

Add a new family disease history

Relationship **1** MDS Patient **2** ✕

First name **3** Last name **4**

Birth Date **5** ☐ MG Affected **6** ☒

Medical condition **7**

Name	Start date	End date
☐ Skin cancer 8	17/04/2009 9	dd/mm/yyyy 10
☐ Myasthenia gravis	17/08/2006	dd/mm/yyyy

3.4 Medical History – Family History Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
3.01	Relationship [FamilyDiseaseHistory.FamilyRelationshipId]	Dropdown [uniqueidentifier]			No	Required	Lookup values from Table FamilyRelationshipType Brother; Children; Daughter; Distant; Dizygotic twin; Father; Monozygotic twin; Mother; Parents; Siblings; Sister; Son; Twins; Other	Y	
3.02	MDS Patient [FamilyDiseaseHistory.MdsPatientId]	Dropdown [uniqueidentifier]			Yes		Lookup values from Table Patient (Centre specific)	N	
3.03	First Name [FamilyDiseaseHistory.FirstName]	String [nvarchar]	50		Yes	Length		N	Read Only if MDS Patient selected Populates based on Patient selected
3.04	Last Name [FamilyDiseaseHistory.LastName]	String [nvarchar]	50		Yes	Length		N	Read Only if MDS Patient selected Populates based on Patient selected
3.05	Birth Date [FamilyDiseaseHistory.BirthDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered Today less 100 years to Today	Y	Read Only if MDS Patient selected Populates based on Patient selected
3.06	MG Affected [FamilyDiseaseHistory.MGAffected]	Checkbox [bit]			No		Yes [1]; No [0]	Y	
3.07	Medical Condition [FK_FamilyDis__Medic__7BB05806, Relationship 1 to Many, MedicalCondition.Id to FamilyDiseaseHistoryMedicalCondition.MedicalConditionId] or [FK_FamilyDiseaseHistoryMedicalCondition_MeddraCondition, Relationship 1 to Many, 1_low_level_term.Ilt_code to FamilyDiseaseHistoryMedicalCondition.MeddraConditionId]	Sub Report [Relationship]			No		Lookup values from table MedicalCondition or MedDRA LLT Please refer to the tab for the Table in the Db Schema file to see the selection options (and associated ids) available for this field.	Y	
	[FamilyDiseaseHistory.Id]	Hidden [uniqueidentifier]			No			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[FamilyDiseaseHistory.IsDeleted]	Hidden [bit]			No			Y	
	[FamilyDiseaseHistory.MedicalHistoryId]	Hidden [uniqueidentifier]						Y	
	[FK__FamilyDis__Medic__78D3EB5B, Relationship 1 to Many, PatientMedicalHistory.Id to FamilyDiseaseHistory.MedicalHistoryId]	Hidden [Relationship]							
	[FK__FamilyDis__Fam__76EBA2E9, Relationship 1 to Many FamilyRelationshipType.Id to FamilyDiseaseHistory.FamilyRelationshipId]	Hidden [Relationship]							
	[FK__FamilyDis__MdsPa__77DFC722, Relationship 1 to Many Patient.Id to FamilyDiseaseHistory.MdsPatientId]	Hidden [Relationship]							

Medical condition sub report

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
3.08	Name [FamilyDiseaseHistoryMedicalCondition.MedicalConditionId] or [FamilyDiseaseHistoryMedicalCondition.MeddraConditionId]	Selection Search [uniqueidentifier] or [bigint]			Yes or Yes		Lookup values from table MedicalCondition or 1_low_level_term (MedDRA) Please refer to the tab for the Table in the Db Schema file to see the selection options (and associated ids) available for this field.	N	
3.09	Start date [FamilyDiseaseHistoryMedicalCondition.StartDate]	Date [datetime]		dd/mm/yyyy	Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
3.10	End date [FamilyDiseaseHistoryMedicalCondition.EndDate]	Date [datetime]		dd/mm/yyyy	Yes			N	
	[FamilyDiseaseHistoryMedicalCondition.CustomMedicalCondition]	Hidden [nvarchar]	150		Yes			N	Set by iMed import
	[FamilyDiseaseHistoryMedicalCondition.FamilyDiseaseHistoryId]	Hidden [uniqueidentifier]			No			N	
	[FamilyDiseaseHistoryMedicalCondition.Id]	Hidden [uniqueidentifier]			No			N	
	[FamilyDiseaseHistoryMedicalCondition.IsDeleted]	Hidden [bit]			No			N	Set when the user deletes the record
	[FK__FamilyDis__Medic__7BB05806, Relationship 1 to Many, MedicalCondition.Id to FamilyDiseaseHistoryMedicalCondition.MedicalConditionId] or [FK__FamilyDiseaseHistoryMedicalCondition_MeddraCondition, Relationship 1 to Many, 1_low_level_term.Ilt_code to FamilyDiseaseHistoryMedicalCondition.MeddraConditionId]	Hidden [Relationship]							
	[FK__FamilyDis__FamIl__79C80F94, Relationship 1 to Many, FamilyDiseaseHistory.Id to FamilyDiseaseHistoryMedicalCondition.FamilyDiseaseHistoryId]	Hidden [Relationship]							

4. PATIENT PROFILE – Diagnosis

4.1 Description

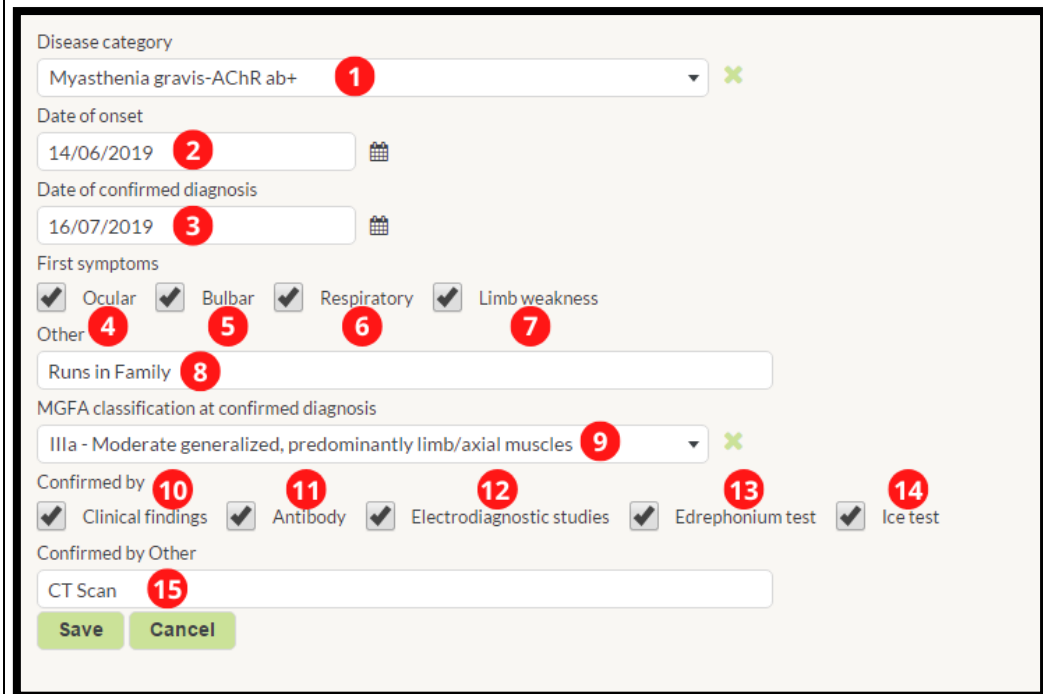
The diagnosis form allows the user to enter information about the MG diagnosis of the patient.

4.2 Rules and Constraints

- Date of confirmed diagnosis must occur after Date of onset

4.3 Functions

- Enter/edit Data – You can enter data about the patient's diagnosis.



The screenshot shows the 'Disease category' form with the following fields and callouts:

- 1**: Disease category dropdown (Myasthenia gravis-AChR ab+)
- 2**: Date of onset (14/06/2019)
- 3**: Date of confirmed diagnosis (16/07/2019)
- 4**: First symptoms checkbox (Ocular)
- 5**: First symptoms checkbox (Bulbar)
- 6**: First symptoms checkbox (Respiratory)
- 7**: First symptoms checkbox (Limb weakness)
- 8**: Other text field (Runs in Family)
- 9**: MGFA classification at confirmed diagnosis dropdown (IIIa - Moderate generalized, predominantly limb/axial muscles)
- 10**: Confirmed by checkbox (Clinical findings)
- 11**: Confirmed by checkbox (Antibody)
- 12**: Confirmed by checkbox (Electrodiagnostic studies)
- 13**: Confirmed by checkbox (Edrephonium test)
- 14**: Confirmed by checkbox (Ice test)
- 15**: Confirmed by Other text field (CT Scan)

Buttons: Save, Cancel

4.4 Diagnosis Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
4.01	Disease category [PatientDiagnosis.DiseaseCategoryId]	Dropdown [uniqueidentifier]			Yes		Lookup values from table DiseaseCategory Myasthenia gravis-AChR ab+; Myasthenia gravis-MuSKab+; Myasthenia gravis-other ab positive (specify); Myasthenia	y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							gravis-seronegative; Myasthenia gravis- antibody status unknown; LEMS-VGCC ab+; LEMS-seronegative; LEMS- antibody status unknown; Congenital MG- known mutation (specify); Congenital MG- unknown mutation; Not myasthenia (diagnosis revised)		
4.02	Date of onset [PatientDiagnosis.DateOfOnset]	Date [datetime]		dd/mm/yyyy	Yes			Y	
4.03	Date of confirmed diagnosis [PatientDiagnosis.ConfirmedDiagnosisDate]	Date [datetime]		dd/mm/yyyy	Yes			Y	
4.04	First Symptoms Ocular [PatientDiagnosis.FirstSymptomsOcular]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.05	First Symptoms Bulbar [PatientDiagnosis.FirstSymptomsBulbar]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.06	First Symptoms Respiratory [PatientDiagnosis.FirstSymptomsRespiratory]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.07	First Symptoms Limb weakness [PatientDiagnosis.FirstSymptomsLimbWeakness]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.08	First Symptoms Other [PatientDiagnosis.FirstSymptomsOther]	String [nvarchar]	40		Yes	Length		Y	
4.09	MGFA classification at confirmed diagnosis [PatientDiagnosis.MGFAClassificationAtDiagnosisId]	Dropdown [uniqueidentifier]			Yes		Lookup values from table MGFAClassificationAtDiagnosis CSR - No symptoms, no signs (except eye closure), no MG treatment 1 year; PR - No symptoms, no signs (except eye closure), no symptomatic MG therapy; I – Ocular; IIa -	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Mild generalized, predominantly limb/axial muscles; IIb - Mild generalized, predominantly oropharyngeal/respiratory muscles; IIIa - Moderate generalized, predominantly limb/axial muscles; IIIb - Moderate generalized, predominantly oropharyngeal/respiratory muscles; IVa - Severe generalized, predominantly limb/axial muscles; IVb - Severe generalized, predominantly oropharyngeal/respiratory muscles (feeding tube); V - Intubation; MM - No symptoms nor limitations, minor weakness found on exam; MM-0 - No symptoms, exam=MM, no MG treatment 1 year; MM-1 - No symptoms, exam=MM, some immunosuppression, no symptomatic therapy >1year; MM-2 - No symptoms, exam=MM, only MG treatment <120mg pyridostigmine/day; MM-3 - No symptoms, exam=MM, symptomatic and immunosuppression therapies in past year		
4.10	Confirmed by Clinical Findings [PatientDiagnosis.ConfirmedByClinicalFindings]	Checkbox [bit]			No		False[0]; True[1]	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
4.11	Confirmed by Antibody [PatientDiagnosis.ConfirmedByAntibody]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.12	Confirmed by Electrodiagnostic studies [PatientDiagnosis.ConfirmedByElectrodiagnosticStudies]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.13	Confirmed by Edrephonium test [PatientDiagnosis.ConfirmedByEdrephoniumTest]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.14	Confirmed by Ice test [PatientDiagnosis.ConfirmedByIceTest]	Checkbox [bit]			No		False[0]; True[1]	Y	
4.15	Confirmed By Other [PatientDiagnosis.ConfirmedByOther]	String [nvarchar]	50		Yes	Length		Y	
	[PatientDiagnosis.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientDiagnosis.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientDiagnosis.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientDiagnosis.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientDiagnosis.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientDiagnosis.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK__PatientDiagn__Id__1FEDB87C, Relationship 1 to 1 Patient.Id to PatientDiagnosis.Id]	Hidden [Relationship]							
	[FK_PatientDiagnosis_DiseaseCategoryId, Relationship 1 to Many]	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	DiseaseCategory.Id to PatientDiagnosis.DiseaseCategoryId]								
	[FK_PatientDiagnosis_MGFAClassificationAtDiagnosisId, Relationship 1 to Many MGFAClassificationAtDiagnosis.Id to PatientDiagnosis.MGFAClassificationAtDiagnosisId]	Hidden [Relationship]							

5. PATIENT PROFILE - Flexifields

5.1 Description

Flexifields that have been created can be found in the Patient Profile Flexifield section. By default, the Centre Flexifields will be shown.

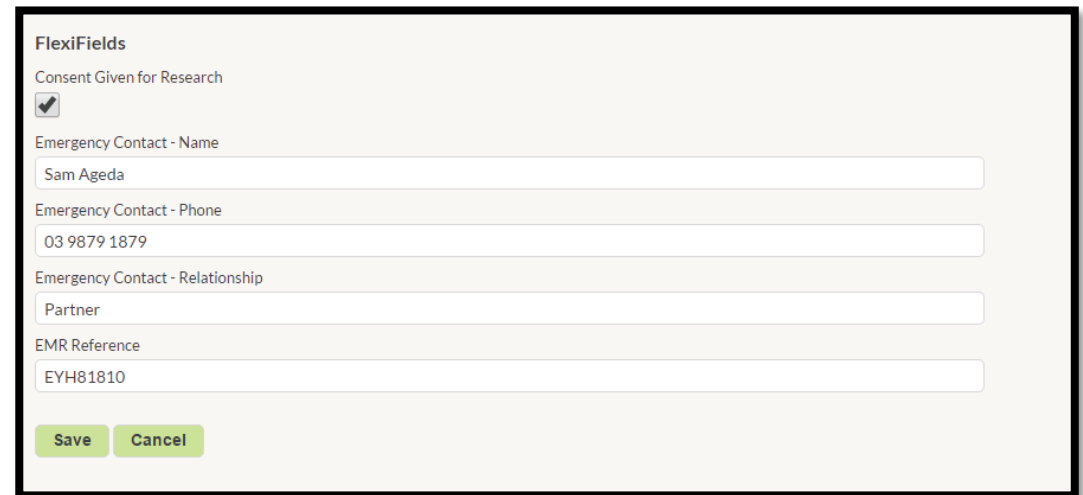
If the patient belongs to a sub-study where flexifields have been added, then they will also appear in this section as an additional tab. For further information refer to the User Guide.

5.2 Rules and Constraints

- Flexifields must be specified in the Preferences.
The types of flexifields that can be specified are:
 - Text
 - Numeric
 - Date
 - Text Area
 - Dropdown
 - Checkbox
 - Header

5.3 Functions

- Enter/Edit Data – You can enter data into Flexifields.



The screenshot shows a web form titled "FlexiFields" with a light beige background. It contains several input fields and a checkbox. The "Consent Given for Research" checkbox is checked. The "Emergency Contact - Name" field contains "Sam Ageda". The "Emergency Contact - Phone" field contains "03 9879 1879". The "Emergency Contact - Relationship" field contains "Partner". The "EMR Reference" field contains "EYH81810". At the bottom, there are two green buttons labeled "Save" and "Cancel".

Field Name	Value
Consent Given for Research	☒
Emergency Contact - Name	Sam Ageda
Emergency Contact - Phone	03 9879 1879
Emergency Contact - Relationship	Partner
EMR Reference	EYH81810

5.4 Patient Flexifield Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	FlexiField Name [FlexiField.Name]	Field Label						N	
	FlexiField Value [PatientFlexiField.Value]	String [nvarchar]	1000		Yes		Allowed values will depend on the type of flexifield. Dropdown lists comes from [FlexiFieldOption.Value]	N	
	[PatientFlexiField.CreatedByUserId]	Hidden [uniqueidentifier]			No			N	
	[PatientFlexiField.CreatedUtcDate]	Hidden [datetime]			No			N	
	[PatientFlexiField.FieldId]	Hidden [uniqueidentifier]			No			N	
	[PatientFlexiField.Id]	Hidden [uniqueidentifier]			No			N	
	[PatientFlexiField.ModifiedByUserId]	Hidden [uniqueidentifier]			No			N	
	[PatientFlexiField.ModifiedUtcDate]	Hidden [datetime]			No			N	
	[PatientFlexiField.PatientId]	Hidden [uniqueidentifier]			No			N	
	[PatientFlexiField.RowVersion]	Hidden [bigint]			No			N	System managed value to prevent conflicting edits to a record.
	[FK__PatientFl__Patie__21D600EE, Relationship 1 to 1 Patient.Id to PatientFlexiField.PatientId]	Hidden [Relationship]							
	[FK__PatientFl__Field__20E1DCB5, Relationship many to many FlexiField.Id to PatientFlexiField.FieldId]	Hidden [Relationship]							

Notes:

- Table PatientFlexiField contains the value that is entered for flexifields from the Patient Profile Flexifields screen in MDS
- Table FlexiField contains the definition of the flexifields, i.e., Name and Data Type
- Table FlexiFieldOptions contains the values defined for flexifields where type is a dropdown

6. PATIENT PROFILE – Notes

6.1 Description

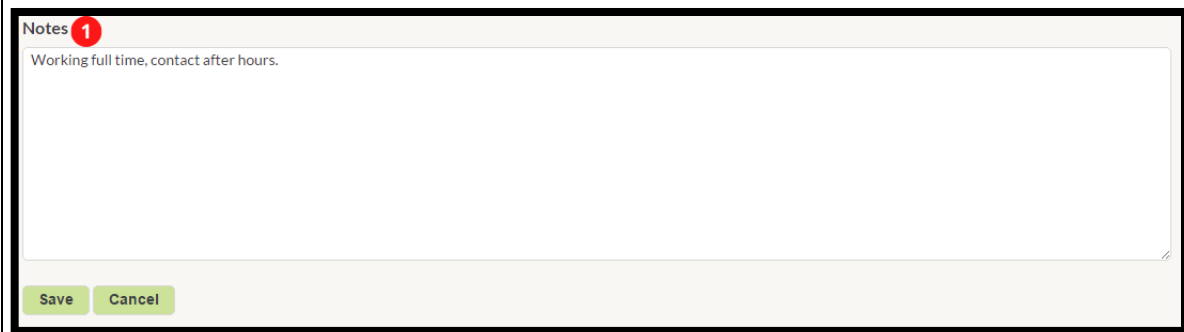
The Notes section allows the user to enter general notes about the patient, upload documents and provide links to WWW resources. **None of this data is sent to the MGBase Registry.**

6.2 Rules and Constraints

- Documents to be copied from origin directory to shared network location.

6.3 Functions

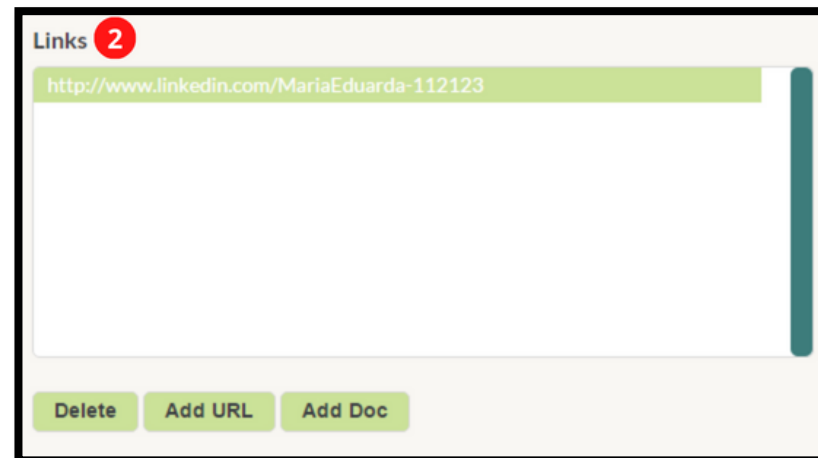
- Enter Data - User enters general notes about the patient.
- Add Link - User links to local document, this document is then copied to shared area so that other users have it available.
- Add URL - User links to WWW resources. The link is active, and no downloading of the site occurs.



Notes **1**

Working full time, contact after hours.

Save Cancel



Links **2**

<http://www.linkedin.com/MariaEduarda-112123>

Delete Add URL Add Doc

6.4 Notes Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
6.1	Notes [Patient.Notes]	Text area [text]	2,147,483,647		Yes			Y	
6.2	Links [PatientLink.Value]	String [nvarchar]	100		No			N	Buttons on screen: Add URL Add Doc Delete
	[PatientLink.Id]	Hidden [uniqueidentifier]			No		Url [0], Doc [1]	N	
	[PatientLink.LinkType]	Hidden [int]			No			N	
	[PatientLink.PatientId]	Hidden [uniqueidentifier]			No			N	
	[FK_PatientLi_Patie_22CA2527, Relationship 1 to many Patient.Id to PatientLink.PatientId]	Hidden [Relationship]							

7. VISITS – Basic Details

7.1 Description

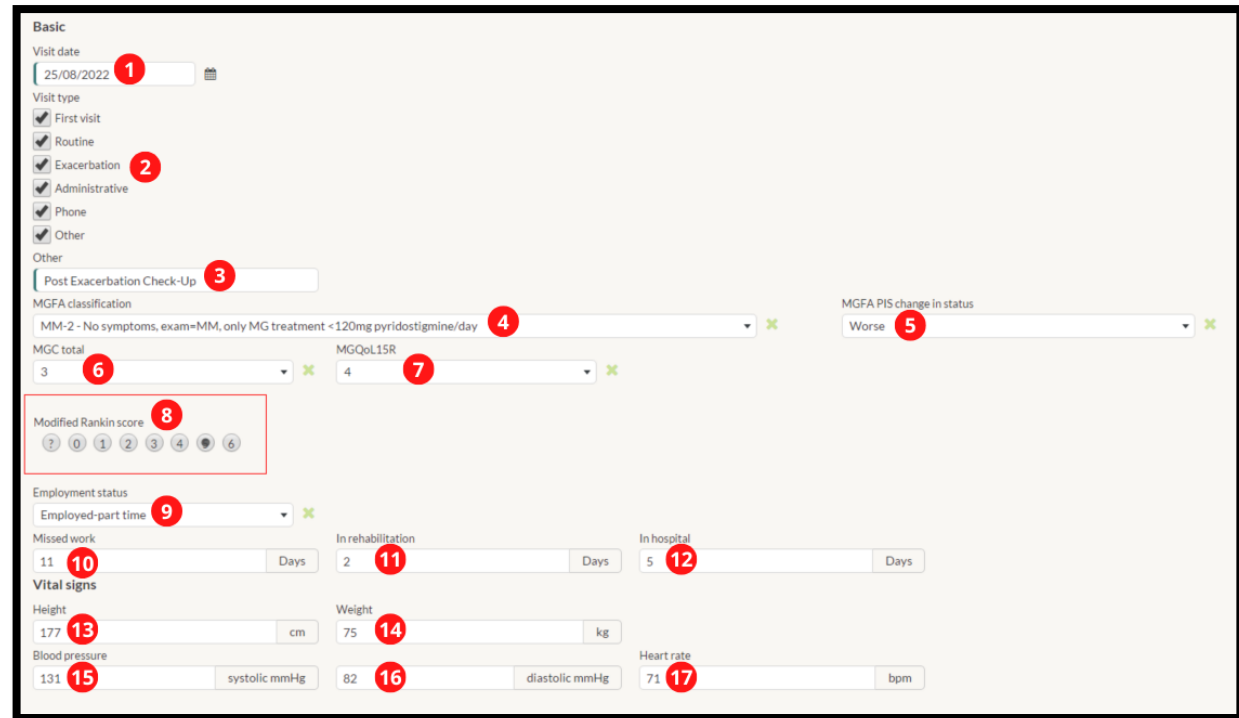
The Visits section captures the status of the patient on a specific date. A patient can have many Visits.

7.2 Rules and Constraints

- Visit date must be after date of birth, and prior to date of death. New Visit cannot be created if patient is marked as deceased.
- Visit Type is required
- MGC score is pulled through from MGC Tab (if score exists in that tab) but can be overwritten in the Basic tab by the clinician.
- **MGC** and **MRS** (Modified Rankin Score) are part of the minimum dataset and should be captured at bi-annual intervals at minimum.

7.3 Functions

- Create 1 or more visits
- Delete 1 or more visits
- Enter/edit data – You can enter/edit data about the visit



The screenshot shows the 'Basic' tab of the MGBase data entry form. Red numbered callouts (1-17) highlight specific fields and sections:

- 1: Visit date (25/08/2022)
- 2: Visit type checkboxes (First visit, Routine, Exacerbation, Administrative, Phone, Other)
- 3: Other dropdown menu (Post Exacerbation Check-Up)
- 4: MGFA classification dropdown (MM-2 - No symptoms, exam=MM, only MG treatment <120mg pyridostigmine/day)
- 5: MGFA PIS change in status dropdown (Worse)
- 6: MGC total dropdown (3)
- 7: MGQoL15R dropdown (4)
- 8: Modified Rankin score buttons (0-6)
- 9: Employment status dropdown (Employed-part time)
- 10: Missed work input (11 Days)
- 11: In rehabilitation input (2 Days)
- 12: In hospital input (5 Days)
- 13: Height input (177 cm)
- 14: Weight input (75 kg)
- 15: Blood pressure systolic input (131 mmHg)
- 16: Blood pressure diastolic input (82 mmHg)
- 17: Heart rate input (71 bpm)

7.4 Basic Details Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
7.01	Visit Date [PatientVisit.DateOfVisit]	Date [datetime]		dd/mm/yyyy	No	Mandatory		Y	Defaults to today's date
7.02	Visit Type [PatientVisitVisitType.VisitTypeId]	Checkbox [bit]			No	A visit type is required	Lookup values from table VisitType First visit; Routine; Exacerbation; Administrative; Phone; Other	Y	Displays as a list of checkboxes. Records saved in PatientVisitVisitType table based on types selected.
7.03	Other [PatientVisit.PurposeOther]	String [nvarchar]	40		Yes	Required if Visit Type – Other selected		N	
7.04	MGFA classification [PatientVisit.MGFAClassificationId]	Dropdown [uniqueidentifier]			Yes		Lookup values from table MGFAClassification CSR - No symptoms, no signs (except eye closure), no MG treatment 1 year; PR - No symptoms, no signs (except eye closure), no symptomatic MG therapy; MM-0 - No symptoms, exam=MM, no MG treatment 1 year; MM-1 - No symptoms, exam=MM, some immunosuppression, no symptomatic therapy >1year; MM-2 - No symptoms, exam=MM, only MG treatment <120mg pyridostigmine/day; MM-3 - No symptoms, exam=MM, symptomatic and immunosuppression therapies in past year; I – Ocular; IIa - Mild generalized, predominantly limb/axial muscles; IIb - Mild generalized, predominantly oropharyngeal/respiratory muscles; IIIa - Moderate generalized, predominantly limb/axial muscles; IIIb - Moderate generalized, predominantly oropharyngeal/respiratory muscles; IVa - Severe generalized,	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							predominantly limb/axial muscles; IVb - Severe generalized, predominantly oropharyngeal/respiratory muscles (feeding tube); V – Intubation; MM - No symptoms nor limitations, minor weakness found on exam		
7.05	MGFA PIS change in status [PatientVisit.MGFAPISChangeStatus]	Dropdown [uniqueidentifier]			Yes		Lookup values from table MGFAPISChangeStatus Improved; Unchanged; Worse; Exacerbation; Died of MG	Y	
7.06	MGC total [PatientVisitMGC.CalculatedScore]	Dropdown [int]			Yes		Selection options 0 to 50	Y	Selection on this screen will overwrite the calculated total.
7.07	MGQoL15R [PatientVisitMGQoL15R.CalculatedScore]	Dropdown [int]			Yes		Selection options 0 to 30	Y	Selection on this screen will overwrite the calculated total.
7.08	Modified Rankin score [PatientVisit.ModifiedRankinScore]	Radio [int]			Yes		?[NULL],0; 1; 2; 3; 4; 5; 6	Y	
7.09	Employment Status [PatientVisit.EmploymentStatusId]	Dropdown [int]			Yes		Lookup values from table EmploymentStatus Employed-part time; Employed-full time; Retired; Student; Unemployed; Home-maker	Y	
7.10	Days missed work [PatientVisit.DaysMissedWork]	Number [decimal]		NNN.NN	Yes			Y	
7.11	Days in rehabilitation [PatientVisit.DaysRehabilitation]	Number [decimal]		NNN.NN	Yes			Y	
7.12	Days in hospital [PatientVisit.DaysHospital]	Number [decimal]		NNN.NN	Yes			Y	
	Vital signs	Section Header							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
7.13	Height (cm) [PatientVisit.Height]	Number [decimal]		NNN	Yes			Y	
7.14	Weight (kg) [PatientVisit.Weight]	Number [decimal]		NNNNNN	Yes			Y	
7.15	Blood Pressure – Systolic mmHg [PatientVisit.BloodPressureSystolic]	Number [int]		NNN	Yes			Y	
7.16	Blood Pressure – Diastolic mmHg [PatientVisit.BloodPressureDiastolic]	Number [int]		NNN	Yes			Y	
7.17	Heart rate (bpm) [PatientVisit.HeartRate]	Number [int]		NNN	Yes			Y	
	[PatientVisit.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisit.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisit.ExaminedById]	Hidden [uniqueidentifier]			Yes			N	
	[PatientVisit.FirstVisit]	Hidden [bit]			No			Y	
	[PatientVisit.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisit.IsDeleted]	Hidden [bit]			No			Y	Set when the user deletes the record
	[PatientVisit.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisit.ModifiedUtcDate]	Hidden [datetime]			No			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[PatientVisit.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[PatientVisit.PatientId]	Hidden [uniqueidentifier]			No			Y	
	[FK__PatientVi__Patie__2A6B46EF, Relationship 1 to Many, Patient.Id to PatientVisit.PatientId]	Hidden [Relationship]							
	[FK__PatientVi__Emplo__7E57BA87, Relationship 1 to Many, EmploymentStatus.Id to PatientVisit.EmploymentStatusId]	Hidden [Relationship]							
	[FK__PatientVi__Exami__297722B6, Relationship 1 to Many, User.Id to PatientVisit.ExaminedById]	Hidden [Relationship]							
	[FK__PatientVi__MGFAC__004002F9, Relationship 1 to Many, MGFAClassification.Id to PatientVisit.MGFAClassificationId]	Hidden [Relationship]							
	[FK__PatientVi__MGFAP__01342732, Relationship 1 to Many, MGFAPIStatus.Id to PatientVisit.MGFAPIStatusId]	Hidden [Relationship]							
	[FK__PatientVisit__Id__7D63964E, Relationship 1 to 1, PatientVisit.Id to PatientVisitMGC.Id]	Hidden [Relationship]							
	[FK__PatientVisit__Id__7A8729A3, Relationship 1 to 1,	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	PatientVisit.Id to PatientVisitMGQoL15R.Id]								
	[FK__PatientVi__Patie__0504B816, Relationship 1 to Many, PatientVisit.Id to PatientVisitVisitType.PatientVisitId]	Hidden [Relationship]							
	[FK__PatientVi__Visit__05F8DC4F, Relationship 1 to Many, VisitType.Id to PatientVisitVisitType.VisitTypeId]	Hidden [Relationship]							

8. VISITS – MGC

8.1 Description

This tab presents the MGC (Myasthenia Gravis Composite scale)

8.2 Functions

- This tab can be used to select a value for each of the relevant symptoms or impairments.
- The total is calculated based on all the selected values.
- The MGC total automatically pulls through to the Basic Visit tab for that specific Visit but can be overwritten by the clinician.

MGC

Ptois	1 (1) Between 11 - 45 seconds	▼	x
Diplopia	2 (3) Between 1-10 seconds	▼	x
Eye Closure	3 (0) Mild weakness (can be forced open with effort)	▼	x
Talking	4 (4) Constant slurring or nasal but can be understood	▼	x
Chewing	5 (2) Fatigue with solid food	▼	x
Swallow	6 (5) Frequent trouble swallowing e.g. necessitating change in diet	▼	x
Breathing	7 (2) Shortness of breath with exertion	▼	x
Neck Weakness	8 (1) Mild weakness	▼	x
Shoulder Abduction	9 (2) Mild weakness	▼	x
Hip Flexion	10 (4) Moderate weakness (ie ~50% weak)	▼	x
TOTAL	11 24	▼	x

8.3 MGC Data Fields

Note: the value in () is the score for that option and value in [] is the identifier stored in the database for that option.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
8.01	Ptosis [PatientVisitMGC.PtosisScore]	Dropdown [int]			Yes		(0) Normal or >45 seconds[0]; (1) Between 11 - 45 seconds[1]; (2) Between 1-10 seconds[2] (3) Immediate[3]	Y	
8.02	Diplopia [PatientVisitMGC.DiplopiaScore]	Dropdown [int]			Yes		(0) Normal or >45 seconds[0]; (1) Between 11 - 45 seconds[1]; (3) Between 1-10 seconds[2]; (4) Immediate [3]	Y	
8.03	Eye Closure [PatientVisitMGC.EyeClosureScore]	Dropdown [int]			Yes		(0) Normal[0]; (0) Mild weakness (can be forced open with effort)[1]; (1) Moderate weakness (can be forced open easily)[2]; (2) Severe weakness (unable to keep eyes closed)[3]	Y	
8.04	Talking [PatientVisitMGC.TalkingScore]	Dropdown [int]			Yes		(0) Normal[0]; (2) Intermittant slurring or nasal speech[1]; (4) Constant slurring or nasal but can be understood[2]; (6) Difficult to understand speech[3]	Y	
8.05	Chewing [PatientVisitMGC.ChewingScore]	Dropdown [int]			Yes		(0) Normal[0]; (2) Fatigue with solid food[1]; (4) Fatigue with soft food[2]; (6) Gastric tube[3]	Y	
8.06	Swallow [PatientVisitMGC.SwallowScore]	Dropdown [int]			Yes		(0) Normal[0]; (2) Rare episode of choking or trouble swallowing[1]; (5) Frequent trouble swallowing e.g.	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							necessitating change in diet[2]; (6) Gastric tube[3]"		
8.07	Breathing [PatientVisitMGC.BreathingScore]	Dropdown [int]			Yes		(0) Normal[0]; (2) Shortness of breath with exertion[1] (4) Shortness of breath at rest[2]; (9) Ventilator dependence[3]	Y	
8.08	Neck Weakness [PatientVisitMGC.NeckWeaknessScore]	Dropdown [int]			Yes		(0) Normal[0]; (1) Mild weakness[1]; (3) Moderate weakness (ie ~50% weak)[2]; (4) Severe weakness[3]	Y	
8.09	Shoulder Abduction [PatientVisitMGC.ShoulderAbductionScore]	Dropdown [int]			Yes		(0) Normal[0]; (2) Mild weakness[1]; (4) Moderate weakness (ie ~50% weak)[2]; (4) Severe weakness[3]	Y	
8.10	Hip Flexion [PatientVisitMGC.HipFlexionScore]	Dropdown [int]			Yes		(0) Normal[0]; (2) Mild weakness[1]; (4) Moderate weakness (ie ~50% weak)[2]; (4) Severe weakness[3]	Y	
8.11	TOTAL [PatientVisitMGC.CalculatedScore]	Dropdown [int]			Yes		0 to 50	Y	Calculated but can be manually overridden.
	[PatientVisitMGC.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGC.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMGC.Id]	Hidden [uniqueidentifier]			No			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[PatientVisitMGC.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGC.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMGC.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK__PatientVisit__Id__7D63964E, Relationship 1 to 1, PatientVisit.Id to PatientVisitMGC.Id]	Hidden [Relationship]							

9. VISITS – MGII PROMS

9.1 Description

This tab presents the MGII PROMS (Myasthenia Gravis Impairment Index, Patient Reported Outcome Measures) tab with relevant questions and values which can be selected and filled.

9.2 Rules and Constraints

- The total is calculated based on all selected responses (values) from all the sections.
- MGII PROMS is not mandatory but if used, ideally should be completed at least annually.

9.3 Functions

- Each section can be completed separately (Eyes | Eating | Speaking and Breathing | Generalised Symptoms)
- Clinician is able to navigate between any of the sections in order to complete selected questions pertaining to the patient record.

MGII PROMS

Eyes | Eating | Speaking and Breathing | Generalised Symptoms

Eyes

Double vision

Double vision during the day
Have you experienced episodes of double vision? If yes, at what time do they occur (on average)?

(1) Episodes only in the evenings **1** ✕

Double vision with activities
Have you experienced double vision with activities such as reading, driving, watching TV or using a computer? If yes, how long does it take (on average) before the double vision occurs?

(2) After less than 1 hour, but not immediately **2** ✕

Severity of double vision
Have you experienced double vision? If yes, how severe has it been (at your worst)?

(1) Mild: It doesn't affect my daily activities **3** ✕

Eyelids

Eyelid drooping throughout the day
Have you experienced drooping of your eyelid(s)? If yes, when does it occur (on average)?

(2) Drooping starts in the afternoons **4** ✕

Eyelid drooping with activities
Have you experienced drooping of your eyelid(s) with activities such as reading, driving, watching TV or using a computer? If yes, how long does it take (on average) before the drooping occurs?

(1) After more than 1 hour **5** ✕

Severity of eyelid drooping
Have you experienced drooping of your eyelids? If yes, how severe has it been (at your worst)?

(2) It affects my vision, but no need to lift my eyelid **6** ✕

TOTAL 9

Eyes | **Eating** | Speaking and Breathing | Generalised Symptoms

Eating

Problems eating

Difficulty swallowing
Have you had difficulty swallowing? How difficult has it been?

(4) Unable to swallow or using a feeding tube **7** ✕

Chewing different types of food
Have you experienced chewing? How severe has it been (at your worst)?

(2) Difficulty chewing soft foods (e.g. hard boiled egg) **8** ✕

Chewing tiredness/fatigue
At your worst, how long does it take to develop fatigue or tiredness in your jaw?

(1) Difficulty chewing at the end of the meal **9** ✕

TOTAL 23

Eyes
Eating
Speaking and Breathing
Generalised Symptoms

Speaking and Breathing

Please answer regarding the past 2 weeks

Voice changes during the day
 Have you experienced episodes of nasal, hoarse or weak voice? When do they occur (on average)?

(1) Voice changes only in the evenings **10** ✕

Voice changes with prolonged conversation
 How long can you talk (on average)? How severe has it been (at your worst)?

(1) Voice changes after more than 30 minutes **11** ✕

Severity of voice changes
 At your worst, how severe have your voice changes been? (Nasal, hoarse, weak voice)

(1) Mild changes: my voice is mostly clear **12** ✕

Speech clarity during day
 Have you experienced difficulty pronouncing words or slurred speech? When does it occur on average?

(0) No episodes of slurred speech **13** ✕

Speech clarity with prolonged conversation
 How long can you talk (on average), before developing slurred speech? (Normal conversation, with pauses for other speakers)

(1) Slurred speech after 30 minutes **14** ✕

Severity of speech changes
 At your worst, how severe have your speech changes been? (Slurring, difficulty pronouncing words)

(0) No episodes of slurred speech **15** ✕

Difficulty breathing
 Have you experienced shortness of breath that is caused by myasthenia? (i.e. not caused by asthma, or other lung/heart disease) If yes, when has it occurred (at your worst)?

(3) At rest or when lying on my back **16** ✕

TOTAL 23

Eyes
Eating
Speaking and Breathing
Generalised Symptoms

Generalised Symptoms

Please answer regarding the past 2 weeks

Overall physical tiredness
 Have you experienced overall physical tiredness caused by myasthenia gravis? (i.e. not by sleeplessness, depression or other medical conditions)

(0) No physical tiredness **17** ✕

Arm weakness severity
 Have you experienced weakness in your arms? If yes, how severe has it been (at your worst)?

(1) Mild weakness (e.g. difficulty lifting heavy objects) **18** ✕

Arm weakness with prolonged use
 Have you experienced weakness in your arms after prolonged use? When does it happen (on average)?

(0) No arm weakness **19** ✕

Leg weakness severity
 Have you experienced weakness in your legs? If yes, how severe has it been (at your worst)?

(0) No leg weakness **20** ✕

Leg weakness with prolonged use
 Have you experienced weakness in your legs after prolonged use? When does it happen (on average)?

(2) Weakness when walking less than 10 blocks at my own pace **21** ✕

Neck weakness
 Have you experienced weakness in your neck? When does it happen (on average)?

(2) Weakness starting in the afternoons **22** ✕

TOTAL 28

9.4 MGII PROMS Data Fields

Note: the value in () is the score for that option and value in [] is the identifier stored in the database for that option.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	Eyes	Heading							
	Double Vision	Sub-Heading							
9.01	Double vision during the day [PatientVisitMgiiProms.DoubleVisionDay]	Dropdown [int]			Yes		(0) No Double Vision[0]; (1) Episodes only in the evenings[1]; (2) Episodes starting in the afternoons[2]; (3) Constant or present most of the day[3]	Y	
9.02	Double vision with activities [PatientVisitMgiiProms.DoubleVisionActivities]	Dropdown [int]			Yes		(0) No Double Vision[0]; (1) After more than 1 hour[1]; (2) After less than 1 hour, but not immediately[2]; (3) Constant double vision or it starts immediately[3]	Y	
9.03	Severity of double vision [PatientVisitMgiiProms.DoubleVisionSeverity]	Dropdown [int]			Yes		(0) No Double Vision[0]; (1) Mild: It doesn't affect my daily activities[1]; (2) It affects my activities, but no need to cover one eye[2]; (3) I need to cover one eye to be able to function[3]	Y	
	Eyelids	Sub-Heading							
9.04	Eyelid drooping throughout the day [PatientVisitMgiiProms.EyelidDroopingDay]	Dropdown [int]			Yes		(0) No Eyelid Drooping[0]; (1) Only in the evenings[1]; (2) Drooping starts in the afternoons[2]; (3) Constant drooping or present most of the day[3]	Y	
9.05	Eyelid drooping with activities [PatientVisitMgiiProms.EyelidDroopingActivities]	Dropdown [int]			Yes		(0) No Eyelid Drooping[0]; (1) After more than 1 hour[1]; (2) After less than 1 hour, but not immediately[2]; (3) Constant drooping or it starts immediately[3]	Y	
9.06	Severity of eyelid drooping [PatientVisitMgiiProms.EyelidDroopingSeverity]	Dropdown [int]			Yes		(0) No Eyelid Drooping[0]; (1) Mild: It doesn't affect my vision[1]; (2) It affects my vision, but no need to lift my eyelid[2];	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							(3) I need to lift my eyelid or tilt my head to be able to see[3]		
	Eating	Heading							
	Problems eating	Sub-Heading							
9.07	Difficulty swallowing [PatientVisitMgiiProms.DifficultySwallowing]	Dropdown [int]			Yes		(0) No swallowing problems[0]; (1) Occasional episodes of choking/coughing with food or liquids[1]; (2) Liquids return through my nose, but no problems with solid food[2]; (3) Difficulty swallowing hard food, requiring a change in diet[3]; (4) Unable to swallow or using a feeding tube[4]	Y	
9.08	Chewing different types of food [PatientVisitMgiiProms.ChewingDifferentFoods]	Dropdown [int]			Yes		(0) No chewing difficulty[0]; (1) Difficulty chewing hard foods (e.g: steak, raw carrots)[1]; (2) Difficulty chewing soft foods (e.g: hard boiled egg)[2]; (3) Unable to chew (eating only liquids or feeding tube)[3]	Y	
9.09	Chewing tiredness/fatigue [PatientVisitMgiiProms.ChewingFatigue]	Dropdown [int]			Yes		(0) No chewing difficulty[0]; (1) Difficulty chewing at the end of the meal[1]; (2) Difficulty chewing from the beginning of the meal[2]; (3) Unable to chew (eating only liquids or feeding tube)[3]	Y	
	Speaking and Breathing	Heading							
	Please answer regarding the past 2 weeks	Sub-Heading							
9.10	Voice changes during the day [PatientVisitMgiiProms.VoiceChangesDay]	Dropdown [int]			Yes		(0) No voice changes[0]; (1) Voice changes only in the evenings[1]; (2) Voice changes starting in the afternoons[2]; (3) Constant voice changes or present most of the day[3]	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
9.11	Voice changes with prolonged conversation [PatientVisitMgiiProms.VoiceChangesConversation]	Dropdown [int]			Yes		(0) No voice changes[0]; (1) Voice changes after more than 30 minutes[1]; (2) Voice changes after less than 30 minutes, but not immediately[2]; (3) Constant voice changes or they start immediately (less than 1 minute)[3]	Y	
9.12	Severity of voice changes [PatientVisitMgiiProms.VoiceChangesSeverity]	Dropdown [int]			Yes		(0) No voice changes[0]; (1) Mild changes: my voice is mostly clear[1]; (2) Moderate changes: it can be hard to understand me[2]; (3) Severe changes: it is impossible to understand me[3]	Y	
9.13	Speech clarity during day [PatientVisitMgiiProms.SpeechClarityDay]	Dropdown [int]			Yes		(0) No episodes of slurred speech[0]; (1) Slurred speech only in the evenings[1]; (2) Slurred speech starting in the afternoons[2]; (3) Constant slurring, or present most of the day[3]	Y	
9.14	Speech clarity with prolonged conversation [PatientVisitMgiiProms.SpeechClarityConversation]	Dropdown [int]			Yes		(0) No episodes of slurred speech[0]; (1) Slurred speech after 30 minutes[1]; (2) Slurred speech after less than 30 minutes, but not immediately[2]; (3) Constant slurring, or it starts immediately (less than 1 minute)[3]	Y	
9.15	Severity of speech changes [PatientVisitMgiiProms.SpeechChangesSeverity]	Dropdown [int]			Yes		(0) No episodes of slurred speech[0]; (1) Mild slurring: it is easy to understand me[1]; (2) Moderate slurring: there are some difficulties understanding me[2]; (3) Severe slurring: it is impossible to understand me[3]	Y	
9.16	Difficulty breathing [PatientVisitMgiiProms.BreathingDifficulty]	Dropdown [int]			Yes		(0) No shortness of breath (except for strenuous exercise)[0]; (1) With moderate effort (e.g: walking several blocks at my own pace)[1]; (2) With minimal effort (e.g: getting dressed, walking inside the house)[2];(3) At rest or when	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							lying on my back[3]; (4) Requiring assisted ventilation[4]		
	Generalised Symptoms	Heading							
	Please answer regarding the past 2 weeks	Sub-Heading							
9.17	Overall physical tiredness [PatientVisitMgiiProms.OverallPhysicalTiredness]	Dropdown [int]			Yes		(0) No physical tiredness[0]; (1) Overall physical tiredness in the evenings[1]; (2) Overall physical tiredness starting in the afternoons[2]; (3) Constant physical tiredness, or present most of the day[3]	Y	
9.18	Arm weakness severity [PatientVisitMgiiProms.ArmWeaknessSeverity]	Dropdown [int]			Yes		(0) No arm weakness[0]; (1) Mild weakness (e.g: difficulty lifting heavy objects)[1]; (2) Moderate weakness (e.g: difficulty lifting arms above the shoulders, but I can do it)[2]; (3) Severe weakness (e.g: unable to lift arms above the shoulders)[3]	Y	
9.19	Arm weakness with prolonged use [PatientVisitMgiiProms.ArmWeaknessProlongedUse]	Dropdown [int]			Yes		(0) No arm weakness[0]; (1) Weakness when keeping my arms up for too long (e.g. washing or drying my hair)[1]; (2) Weakness with prolonged activities at shoulder level (e.g: organizing objects on a shelf, holding a phone to the ear)[2]; (3) Weakness with minimal effort (e.g: desk work, chopping vegetables)[3]	Y	
9.20	Leg weakness severity [PatientVisitMgiiProms.LegWeaknessSeverity]	Dropdown [int]			Yes		(0) No leg weakness[0]; (1) Mild weakness (e.g: difficulty standing from a squat or from tying my shoes)[1]; (2) Moderate weakness (e.g: difficulty standing from a chair, I need to push up with my arms)[2]; (3) Severe weakness (e.g: unable to stand from a chair without assistance)[3]	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
9.21	Leg weakness with prolonged use [PatientVisitMgiiProms.LegWeaknessProlongedUse]	Dropdown [int]			Yes		(0) No leg weakness[0]; (1) Weakness when walking more than 10 blocks at my own pace[1]; (2) Weakness when walking less than 10 blocks at my own pace[2]; (3) Constant weakness or with minimal effort (standing, walking inside the house)[3]	Y	
9.22	Neck weakness [PatientVisitMgiiProms.NeckWeakness]	Dropdown [int]			Yes		(0) No neck weakness[0]; (1) Weakness only in the evenings[1]; (2) Weakness starting in the afternoons[2]; (3) Constant weakness or present most of the day[3]	Y	
9.23	Total [PatientVisitMgiiProms.CalculatedScore]	String [int]			Yes			Y	Read only Calculated based on selected responses
	[PatientVisitMgiiProms.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMgiiProms.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMgiiProms.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMgiiProms.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMgiiProms.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMgiiProms.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK__PatientVisit__Id__77AABCF8, Relationship 1 to 1, PatientVisit.Id to PatientVisitMgiiProms.Id]	Hidden [Relationship]							

10. VISITS – MGQoL15R

10.1 Description

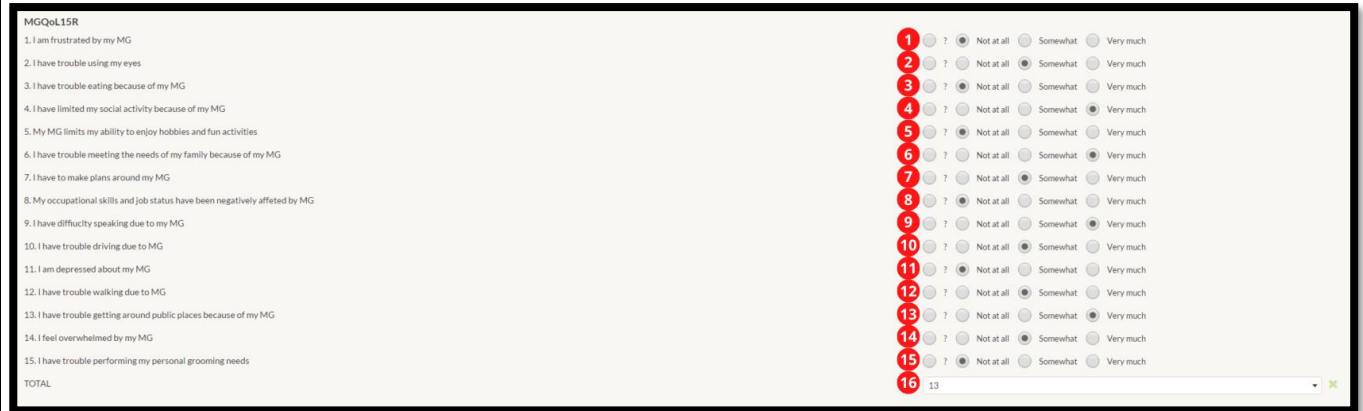
This tab presents a survey designed to assess aspects of life related to myasthenia gravis. There is appropriate correlation between the 15 item MG-QOL 15 and other MG-specific scales (MGC, MG-ADL, and MG-MMT). The MG-QOL 15 can be completed by the patient or administered by the physician or trained clinic personnel or study coordinator.

10.2 Rules and Constraints

- There are 15 items, however the total is calculated based on all selected / filled responses (values).
- MGQoL15R is not mandatory but if used, ideally should be completed at least annually.
- Once saved, the total is pulled through to the Visit Basic screen for the same date.

10.3 Functions

- Each question has a radio button selection making it easy to complete quickly.)



MGQoL15R

1. I am frustrated by my MG

2. I have trouble using my eyes

3. I have trouble eating because of my MG

4. I have limited my social activity because of my MG

5. My MG limits my ability to enjoy hobbies and fun activities

6. I have trouble meeting the needs of my family because of my MG

7. I have to make plans around my MG

8. My occupational skills and job status have been negatively affected by MG

9. I have difficulty speaking due to my MG

10. I have trouble driving due to MG

11. I am depressed about my MG

12. I have trouble walking due to MG

13. I have trouble getting around public places because of my MG

14. I feel overwhelmed by my MG

15. I have trouble performing my personal grooming needs

TOTAL

13

10.4 MGQoL15R Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
10.01	MGQoL15R01 [PatientVisitMGQoL15R.Q1]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	1. I am frustrated by my MG
10.02	MGQoL15R02 [PatientVisitMGQoL15R.Q2]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	2. I have trouble using my eyes
10.03	MGQoL15R03 [PatientVisitMGQoL15R.Q3]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	3. I have trouble eating because of my MG
10.04	MGQoL15R04 [PatientVisitMGQoL15R.Q4]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	4. I have limited my social activity because of my MG
10.05	MGQoL15R05 [PatientVisitMGQoL15R.Q5]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	5. My MG limits my ability to enjoy hobbies and fun activities
10.06	MGQoL15R06 [PatientVisitMGQoL15R.Q6]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	6. I have trouble meeting the needs of my family because of my MG
10.07	MGQoL15R07 [PatientVisitMGQoL15R.Q7]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	7. I have to make plans around my MG
10.08	MGQoL15R08 [PatientVisitMGQoL15R.Q8]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	8. My occupational skills and job status have been negatively affected by MG
10.09	MGQoL15R09 [PatientVisitMGQoL15R.Q9]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	9. I have difficulty speaking due to my MG
10.10	MGQoL15R10 [PatientVisitMGQoL15R.Q10]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	10. I have trouble driving due to MG
10.11	MGQoL15R11 [PatientVisitMGQoL15R.Q11]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	11. I am depressed about my MG
10.12	MGQoL15R12 [PatientVisitMGQoL15R.Q12]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	12. I have trouble walking due to MG

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
10.13	MGQoL15R13 [PatientVisitMGQoL15R.Q13]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	13. I have trouble getting around public places because of my MG
10.14	MGQoL15R14 [PatientVisitMGQoL15R.Q14]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	14. I feel overwhelmed by my MG
10.15	MGQoL15R15 [PatientVisitMGQoL15R.Q15]	Radio [int]			Yes		?[NULL]; Not at all[0]; Somewhat[1]; Very Much[2]	Y	15. I have trouble performing my personal grooming needs
10.16	Total [PatientVisitMGQoL15R.CalculatedScore]	Dropdown [int]			Yes		0 to 30	Y	Calculated but can be manually overridden.
	[PatientVisitMGQoL15R.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGQoL15R.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMGQoL15R.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGQoL15R.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGQoL15R.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMGQoL15R.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK__PatientVisit__Id__7A8729A3, Relationship 1 to 1, PatientVisit.Id to PatientVisitMGQoL15R.Id]	Hidden [Relationship]							

11. VISITS – MG-ADL

11.1 Description

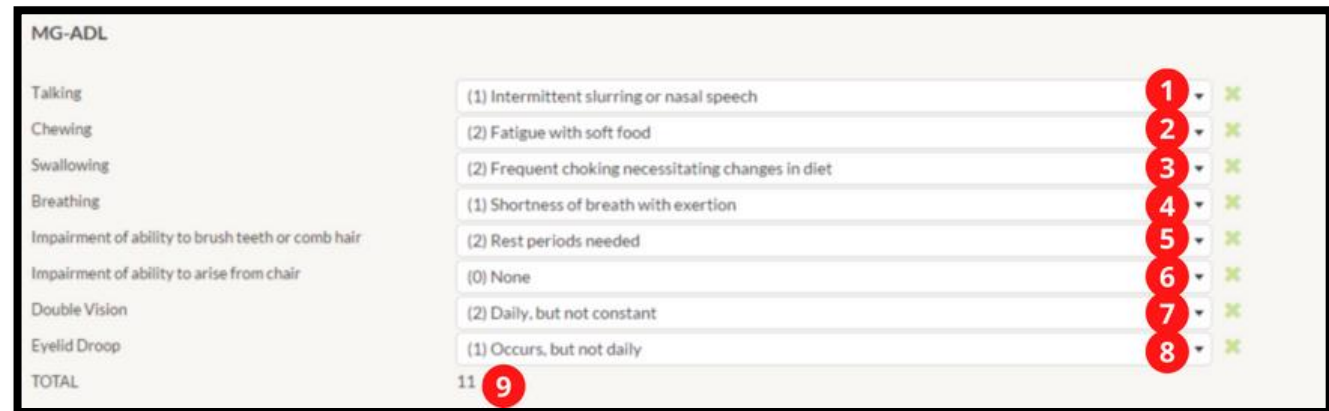
This tab presents the Myasthenia Gravis – Activities of Daily Living Survey and profile. Quick to complete (<10 minutes)

11.2 Rules and Constraints

- There are 8 items, however the total is calculated based on all selected / filled responses (values).
- MG-ADL is not mandatory but if used, ideally should be completed at least annually.
- Total is auto-calculated and read-only on the MG-ADL Tab

11.3 Functions

Each question has a drop-down box making it easy to complete quickly.



MG-ADL		
Talking	(1) Intermittent slurring or nasal speech	1 ✕
Chewing	(2) Fatigue with soft food	2 ✕
Swallowing	(2) Frequent choking necessitating changes in diet	3 ✕
Breathing	(1) Shortness of breath with exertion	4 ✕
Impairment of ability to brush teeth or comb hair	(2) Rest periods needed	5 ✕
Impairment of ability to arise from chair	(0) None	6 ✕
Double Vision	(2) Daily, but not constant	7 ✕
Eyelid Droop	(1) Occurs, but not daily	8 ✕
TOTAL	11	9

11.3 MG-ADL Data Fields

Note: the value in () is the score for that option and value in [] is the identifier stored in the database for that option.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
11.01	Talking [PatientVisitMGADL.Talking]	Dropdown [int]			Yes		(0) Normal[0]; (1) Intermittent slurring or nasal speech[1]; (2) Constant slurring or nasal, but can be understood[2]; (3) Difficult to understand speech[3]	Y	
11.02	Chewing [PatientVisitMGADL.Chewing]	Dropdown [int]			Yes		(0) Normal[0]; (1) Fatigue with solid food[1]; (2) Fatigue with soft food[2]; (3) Gastric tube[3]	Y	
11.03	Swallowing [PatientVisitMGADL.Swallowing]	Dropdown [int]			Yes		(0) Normal[0]; (1) Rare episode of choking[1]; (2) Frequent choking necessitating changes in diet[2]; (3) Gastric tube[3]	Y	
11.04	Breathing [PatientVisitMGADL.Breathing]	Dropdown [int]			Yes		(0) Normal[0]; (1) Shortness of breath with exertion[1]; (2) Shortness of breath at rest[2]; (3) Ventilator dependence[3]	Y	
11.05	Impairment of ability to brush teeth or comb hair [PatientVisitMGADL.BrushCombImpairment]	Dropdown [int]			Yes		(0) None[0]; (1) Extra effort, but no rest periods needed[1]; (2) Rest periods needed[2]; (3) Cannot do one of these functions[3]	Y	
11.06	Impairment of ability to arise from chair [PatientVisitMGADL.AriseImpairment]	Dropdown [int]			Yes		(0) None[0]; (1) Mild, sometimes uses arms[1]; (2) Moderate, always uses	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							arms[2]; (3) Severe, requires assistance[3]		
11.07	Double Vision [PatientVisitMGADL.DoubleVision]	Dropdown [int]			Yes		(0) None[0]; (1) Occurs, but not daily[1]; (2) Daily, but not constant[2]; (3) Constant[3]	Y	
11.08	Eyelid Droop [PatientVisitMGADL.EyelidDroop]	Dropdown [int]			Yes		(0) None[0]; (1) Occurs, but not daily[1]; (2) Daily, but not constant[2]; (3) Constant[3]	Y	
11.09	TOTAL [PatientVisitMGADL.CalculatedScore]	String [int]			Yes			Y	Read only Calculated based on selected responses
	[PatientVisitMGADL.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGADL.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMGADL.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGADL.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitMGADL.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitMGADL.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK__PatientVisit__Id__08D548FA, Relationship 1 to 1,	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	PatientVisit.Id to PatientVisitMGADL.Id]								

12. VISITS – QMG

12.1 Description

This tab presents the Quantitative Myasthenia Gravis score. The QMG score has several items that measure endurance or fatigability, taking into account the fluctuating nature of the disease.

12.2 Rules and Constraints

- There are 13 items, however the total is calculated based on all selected / filled responses (values).
- QMG is not mandatory but if used, ideally should be completed at least annually.

12.3 Functions

Each question has a dropdown value that can be selected making it easy to complete quickly.)

QMG	
Double vision- lateral gaze (sec)	(0) No diplopia in 60 seconds 1 ✕
Ptosis-upward gaze (sec)	(1) Ptosis between 11-59 seconds 2 ✕
Facial muscles (eye closure)	(0) Normal lid closure 3 ✕
Swallowing water (1/2 cup)	(2) Severe coughing 4 ✕
Speech following counting aloud from 1-50 (onset of dysarthria)	(1) Dysarthria at count between 30-49 5 ✕
Right arm outstretched-90 degrees, sitting (sec)	(0) Right arm outstretched for 240 seconds 6 ✕
Left arm outstretched- 90 degrees, sitting (sec)	(2) Left arm outstretched between 10-89 seconds 7 ✕
Forced vital capacity	(1) 65-79% 8 ✕
Right hand grip (kg)	(1) Male 15-44 kg, Female 10-29 kg 9 ✕
Left hand grip (kg)	(1) (1) Male 15-34 kg, Female 10-24 kg 10 ✕
Head, lifted 45% supine (sec)	(0) 120 seconds 11 ✕
Right leg outstretched- 45-50%, supine (sec)	(1) 31-99 seconds 12 ✕
Left leg outstretched- 45-50%, supine (sec)	(0) 100 seconds 13 ✕
TOTAL	10 14

12.3 QMG Data Fields

Note: the value in () is the score for that option and value in [] is the identifier stored in the database for that option.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
12.01	Double vision- lateral gaze (sec) [PatientVisitQMG.DoubleVisionLateralGaze]	Dropdown [int]			Yes		(0) No diplopia in 60 seconds[0]; (1) Diplopia between 11-59 seconds[1]; (2) Diplopia between 1-10 seconds[2]; (3) Spontaneous Diplopia[3]	Y	
12.02	Ptosis-upward gaze (sec) [PatientVisitQMG.PtosisUpwardGaze]	Dropdown [int]			Yes		(0) No Ptosis in 60 seconds[0]; (1) Ptosis between 11-59 seconds[1]; (2) Ptosis between 1-10 seconds[2]; (3) Spontaneous Ptosis[3]	Y	
12.03	Facial muscles (eye closure) [PatientVisitQMG.FacialMuscles]	Dropdown [int]			Yes		(0) Normal lid closure[0]; (1) Complete, weak, some resistance[1]; (2) Complete, without resistance[2]; (3) Incomplete lid closure[3]	Y	
12.04	Swallowing water (1/2 cup) [PatientVisitQMG.SwallowingWater]	Dropdown [int]			Yes		(0) Normal[0]; (1) Minimal coughing or throat clearing[1]; (2) Severe coughing[2]; (3) Cannot swallow (test not attempted)[3]	Y	
12.05	Speech following counting aloud from 1-50 (onset of dysarthria) [PatientVisitQMG.SpeechFollowingCounting Aloud]	Dropdown [int]			Yes		(0) None at count to 50[0]; (1) Dysarthria at count between 30-49[1]; (2) Dysarthria at count between 10-29[2]; (3) Dysarthria before count to 9[3]	Y	
12.06	Right arm outstretched-90 degrees, sitting (sec) [PatientVisitQMG.RightArmOutstretched]	Dropdown [int]			Yes		(0) Right arm outstretched for 240 seconds[0]; (1) Right arm outstretched between 90-239 seconds[1]; (2) Right arm outstretched between 10-89 seconds[2]; (3) Right arm outstretched between 1-9 seconds[3]	Y	
12.07	Left arm outstretched- 90 degrees, sitting (sec) [PatientVisitQMG.LeftArmOutstretched]	Dropdown [int]			Yes		(0) Left arm outstretched for 240 seconds[0]; (1) Left arm outstretched between 90-239 seconds[1]; (2) Left arm outstretched between 10-89 seconds[2]; (3) Left arm outstretched between 1-9 seconds[3]	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
12.08	Forced vital capacity [PatientVisitQMG.ForcedVitalCapacity]	Dropdown [int]			Yes		(0) >=80%[0]; (1) 65-79%[1]; (2) 50-64%[2]; (3) <50%[3]	Y	
12.09	Right hand grip (kg) [PatientVisitQMG.RightHandGrip]	Dropdown [int]			Yes		(0) Male >=45 kg, Female >=30 kg[0]; (1) Male 15-44 kg, Female 10-29 kg[2]; (2) Male 5-14 kg, Female 5-9 kg[4]; (3) Male or Female 0-4 kg[6]	Y	
12.10	Left hand grip (kg) [PatientVisitQMG.LeftHandGrip]	Dropdown [int]			Yes		(0) Male >=35 kg, Female >=25 kg[0]; (1) Male 15-34 kg, Female 10-24 kg[2]; (2) Male 5-14 kg, Female 5-9 kg[4]; (3) Male or Female 0-4 kg[6]	Y	
12.11	Head, lifted 45% supine (sec) [PatientVisitQMG.HeadLifted45]	Dropdown [int]			Yes		(0) 120 seconds[0]; (1) 30-119 seconds[1]; (2) 1-29 seconds[2]; (3) 0 seconds[3]	Y	
12.12	Right leg outstretched- 45-50%, supine (sec) [PatientVisitQMG.RightLegOutstretched]	Dropdown [int]			Yes		(0) 100 seconds[0]; (1) 31-99 seconds[1]; (2) 1-30 seconds[2]; (3) 0 seconds[3]	Y	
12.13	Left leg outstretched- 45-50%, supine (sec) [PatientVisitQMG.LeftLegOutstretched]	Dropdown [int]			Yes		(0) 100 seconds[0]; (1) 31-99 seconds[1]; (2) 1-30 seconds[2]; (3) 0 seconds[3]	Y	
12.14	TOTAL [PatientVisitQMG.CalculatedScore]	String [int]			Yes			Y	Read only Calculated based on selected responses
	[PatientVisitQMG.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitQMG.CreatedUtcDate]	Hidden [datetime]			No			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[PatientVisitQMG.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitQMG.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientVisitQMG.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientVisitQMG.RowVersion]	Hidden [bigint]			No			Y	System managed value to prevent conflicting edits to a record.
	[FK__PatientVisit__Id__0BB1B5A5, Relationship 1 to 1, PatientVisit.Id to PatientVisitQMG.Id]	Hidden [Relationship]							

13. VISIT - Flexifields

13.1 Description

Centre specified Flexifields for Visits are in this section.

13.2 Rules and Constraints

- Flexifields must be specified in the Preferences.

13.3 Functions

- Enter/Edit Data – You can enter/edit data for flexifields.

FlexiFields
01 - Administrative

02 - Schedule Next Visit
☒

03 - Preferred Time for Next Visit

04 - Patient Well-being

05 - Mood of Patient (Self-Assessed)

06 - Mood of Patient (Comments)

13.4 Visit Flexifields Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Comments
	FlexiField Name [FlexiField.Name]	Field Label		Centres / User-specified		Allowed values will depend on the type of flexifield. Dropdown lists comes from [FlexiFieldOption.Value] These values are not sent through to the Registry
	FlexiField Value [PatientVisitFlexiField.Value]	String [nvarchar]	1000	<i>Various (Depending)</i>	Yes	Allowed values will depend on the type of flexifield. Dropdown lists comes from [FlexiFieldOption.Value] These values are not sent through to the Registry
	[PatientVisitFlexiField.CreatedByUserId]	Hidden [uniqueidentifier]			No	
	[PatientVisitFlexiField.CreatedUtcDate]	Hidden [datetime]			No	
	[PatientVisitFlexiField.FieldId]	Hidden [uniqueidentifier]			No	
	[PatientVisitFlexiField.Id]	Hidden [uniqueidentifier]			No	
	[PatientVisitFlexiField.ModifiedByUserId]	Hidden [uniqueidentifier]			No	
	[PatientVisitFlexiField.ModifiedUtcDate]	Hidden [datetime]			No	
	[PatientVisitFlexiField.PatientVisitId]	Hidden [uniqueidentifier]			No	
	[PatientVisitFlexiField.RowVersion]	Hidden [bigint]			No	System managed value to prevent conflicting edits to a record.
	[FK__PatientVi__Patie__2C538F61, Relationship Many to Many PatientVisit.Id to PatientVisitFlexiField.PatientVisitId]	Hidden [Relationship]				
	[FK__PatientVi__Field__2B5F6B28, Relationship many to many FlexiField.Id to PatientVisitFlexiField.FieldId]	Hidden [Relationship]				

Notes:

- Table PatientVisitFlexiField contains the value that is entered for flexifields from the Visit Flexifields screen in MDS
- Table FlexiField contains the definition of the flexifields, i.e. Name and Data Type
- Table FlexiFieldOption contains the values defined for flexifields where type is a dropdown

14. VISIT - Safety

14.1 Description

The safety page allows the user to report changes in the medical conditions of the patient, such as malignancies, adverse reactions, or events.

14.2 Functions

- Enter/Edit Safety data – You can add/edit the safety data
- View/Add/Delete Medical conditions – You can add/edit the Medical Conditions of the patient.

Safety

Has the patient developed a malignancy (excluding NMSC) since the last visit?

☐ ? ☒ Yes ☐ No

Has the patient developed a non-melanoma skin cancer (NMSC) since their last visit?

☐ ? ☐ Yes ☒ No

Has the patient developed herpes zoster (shingles) since last visit?

☐ ? ☒ Yes ☐ No

Has the patient developed an immunosuppression-associated or severe infection since last visit?

☐ ? ☐ Yes ☒ No

Has the patient developed any other significant medical condition since last visit?

☐ ? ☒ Yes ☐ No

Diseases and Medical conditions

+ Add new

Delete

Conditions	Date Of Diagnosis	Treatment Modality	Outcome	End Date
☐ 6 Heart attack	10/11/2016		Death	16/11/2021

14.3 Safety Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
14.01	Malignancy Developed [PatientVisit.Safety_Malig]	Radio [bit]			Yes		No[0]; ?[NULL]; Yes[1]	Y	Has the patient developed a malignancy (excluding NMSC) since the last visit ? Defaults to ?
14.02	Non-Melanoma Cancer Developed [PatientVisit.Safety_Nonmal]	Radio [bit]			Yes		No[0]; ?[NULL]; Yes[1]	Y	Has the patient developed a non-melanoma skin cancer (NMSC) since the last visit ? Defaults to ?
14.03	Herpes Zoster Developed [PatientVisit.Safety_Herpes]	Radio [bit]			Yes		No[0]; ?[NULL]; Yes[1]	Y	Has the patient developed a herpes zoster (shingles) since the last visit ? Defaults to ?
14.04	Immunosuppression Developed [PatientVisit.Safety_Immuno]	Radio [bit]			Yes		No[0]; ?[NULL]; Yes[1]	Y	Has the patient developed an immunosuppression-associated or severe infection since the last visit ? Defaults to ?
14.05	Other Significant Condition Developed [PatientVisit.Safety_Other]	Radio [bit]			Yes		No[0]; ?[NULL]; Yes[1]	Y	Has the patient developed any other significant medical condition since the last visit ? Defaults to ?
14.06	Disease and Medical conditions	Sub- Report			Yes				Captured in Medical Events, aggregated in this view

15. VISIT - Notes

15.1 Description

Visit specific Notes section where the user can upload documents and refer to URL.

15.2 Rules and Constraints

- Documents are not stored within MDS, they are linked to a drive location.

15.3 Functions

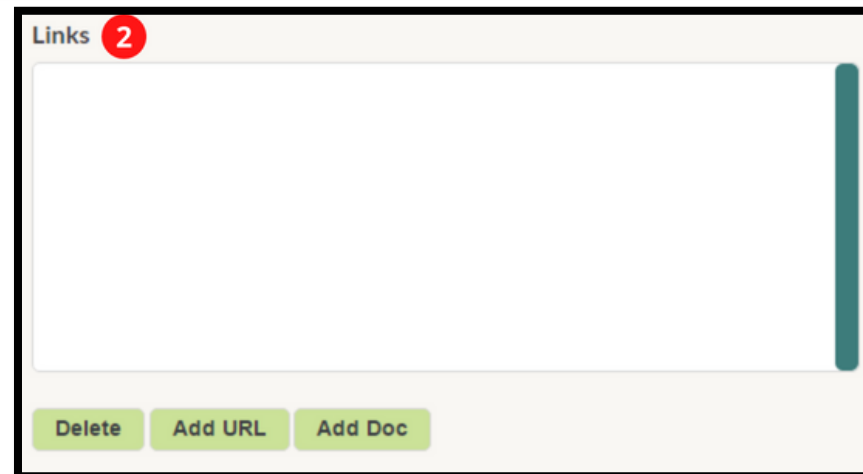
- Enter Data – You can enter notes about the visit.
- Add Link – You can link to a local document.
- Add URL – You can link to WWW resources.



Notes **1**

Make booking for next appointment.

Save Cancel



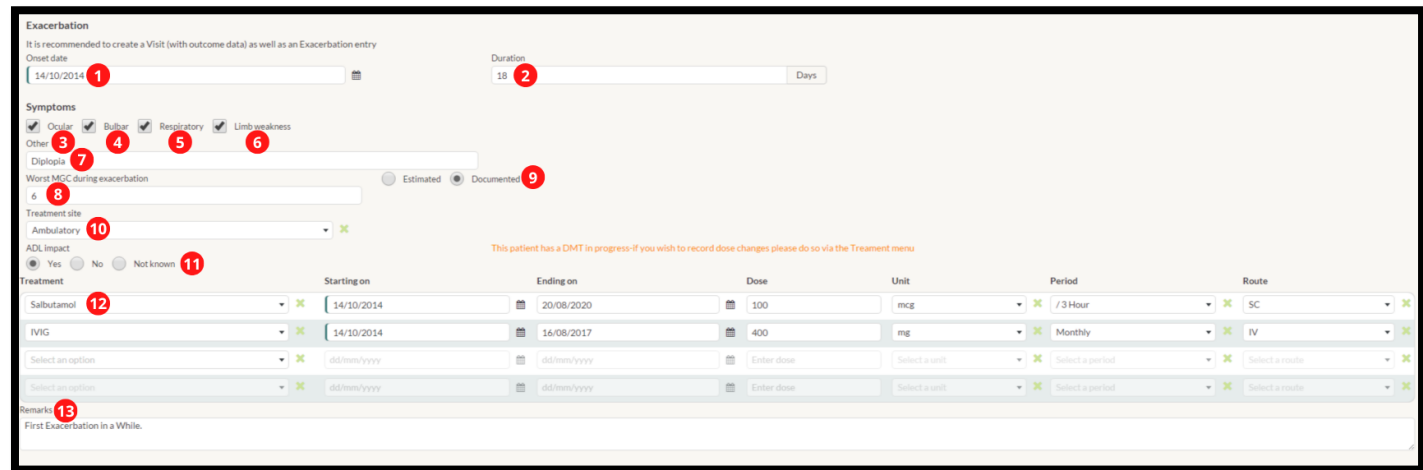
Links **2**

Delete Add URL Add Doc

15.4 Notes Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
15.01	Notes [PatientVisit.Notes]	Text area [text]	2,147,483,647		Yes			N	
15.02	Links [PatientVisitLink.Value]	String [nvarchar]	100		Yes			N	Buttons on screen: • Add URL • Add Doc • Delete
	[PatientVisitLink.Id]	Hidden [uniqueidentifier]			No			N	
	[PatientVisitLink.LinkType]	Hidden [int]			No			N	
	[PatientVisitLink.PatientVisitId]	Hidden [uniqueidentifier]			No			N	
	[FK__PatientVi__Patie__2D47B39A, Relationship 1 to many PatientVisit.Id to PatientVisitLink.PatientVisitId]	Hidden [Relationship]							

16.Exacerbations



Exacerbation
 It is recommended to create a Visit (with outcome data) as well as an Exacerbation entry

Onset date: 14/10/2014 1 Duration: 18 2 Days

Symptoms

☒ Ocular 3 ☒ Bulbar 4 ☒ Respiratory 5 ☒ Limb weakness 6

Other: 7

Diplopia: 8

Worst MGC during exacerbation: 9 ☐ Estimated ☒ Documented

Treatment site: Ambulatory 10

ADL impact: ☒ Yes ☐ No ☐ Not known 11

This patient has a DMT in progress if you wish to record dose changes please do so via the Treatment menu

Treatment	Starting on	Ending on	Dose	Unit	Period	Route
Salbutamol 12	14/10/2014	20/08/2020	100	mcg	/3 Hour	SC
IVIG	14/10/2014	16/08/2017	400	mg	Monthly	IV
Select an option	dd/mm/yyyy	dd/mm/yyyy	Enter dose	Select a unit	Select a period	Select a route
Select an option	dd/mm/yyyy	dd/mm/yyyy	Enter dose	Select a unit	Select a period	Select a route

Remarks 13
 First Exacerbation in a While.

16.1 Description

This section captures the date and details of Exacerbation events.

16.2 Rules and Constraints

- The only medication that can be linked to an exacerbation is typically a corticosteroid. Note, there are symptomatic treatments that have been “classified” in the treatment preferences as Corticosteroids, to be available for selection under exacerbations, even though they are not necessarily Corticosteroids.
- Should a patient have an existing DMT (Disease Modifying Therapy) in progress, this will be flagged in orange text on the exacerbation record. Should the clinician need to change dosage information, this needs to be done via the Treatments menu.

16.3 Functions

- Add/Delete Exacerbation – You can Add/Delete Exacerbation for patient.
- Add/Delete Corticosteroid – You can Add/Delete Corticosteroid (or Variable dosing) schedule.

16.4 Exacerbation Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
16.01	Date of Onset [PatientExacerbation.OnsetDate]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered $\geq$ Date of Birth and $\leq$ Date of Death	Y	Defaults to "today"
16.02	Duration (days) [PatientExacerbation.Duration]	Number [decimal]		NNN.N	Yes		Min value = 0 Max value = 999.9	Y	
16.03	Symptoms – Ocular [PatientExacerbation.SymptomsOcular]	Checkbox [bit]			No		True[1]; False[0]	Y	
16.04	Symptoms -Bulbar [PatientExacerbation.SymptomsBulbar]	Checkbox [bit]			No		True[1]; False[0]	Y	
16.05	Symptoms -Respiratory [PatientExacerbation.SymptomsRespiratory]	Checkbox [bit]			No		True[1]; False[0]	Y	
16.06	Symptoms -Limb Weakness [PatientExacerbation.SymptomsLimbWeakness]	Checkbox [bit]			No		True[1]; False[0]	Y	
16.07	Symptoms -Other [PatientExacerbation.SymptomsOther]	String [nvarchar]	50		Yes			Y	
16.08	Worst MGC during exacerbation [PatientExacerbation.WorstMGC]	Dropdown [int]			Yes		0 to 50	Y	
16.09	Worst MGC Type [PatientExacerbation.WorstMGCType]	Radio [int]			Yes		Estimated[1]; Documented[2]	Y	Becomes visible when Worst MGC during exacerbation is not NULL
16.10	Treatment Site [PatientExacerbation.TreatmentSiteId]	Dropdown [uniqueidentifier]			Yes		Lookup values from table TreatmentSite Not treated; Ambulatory; Hospital-ward; Hospital-HDU/ICU; Not known	Y	
16.11	ADL Impact [PatientExacerbation.ADLImpact]	Radio [bit]			Yes		No[0]; Not known [NULL]; Yes[1]	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
16.12	Treatment [FK_DMTreatment_ExacerbationId, Relationship 1 to Many, PatientExacerbation.Id to DMTreatment.ExacerbationId] or [FK__Symptomat__Relap__3F6663D5, Relationship 1 to Many, PatientExacerbation.Id to SymptomaticTreatment.ExacerbationId]	Sub Form [Relationship]						Y	List filtered to treatments where flagged for exacerbation
16.13	Remarks [PatientExacerbation.Remarks]	Memo [nvarchar]	1000		Yes			N	
	[PatientExacerbation.CreatedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientExacerbation.CreatedUtcDate]	Hidden [datetime]			No			Y	
	[PatientExacerbation.Id]	Hidden [uniqueidentifier]			No			Y	
	[PatientExacerbation.IsDeleted]	Hidden [bit]			No			Y	Set when the user deletes the record
	[PatientExacerbation.ModifiedByUserId]	Hidden [uniqueidentifier]			No			Y	
	[PatientExacerbation.ModifiedUtcDate]	Hidden [datetime]			No			Y	
	[PatientExacerbation.PatientId]	Hidden [uniqueidentifier]			No			Y	
	[PatientExacerbation.RowVersion]	Hidden [bigint]			Yes			Y	System managed value to prevent conflicting edits to a record.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[FK__PatientRe__Patie__269AB60B, Relationship 1 to Many, Patient.Id to PatientExacerbation.PatientId]	Hidden [Relationship]							
	[FK__PatientEx__Treat__02284B6B, Relationship 1 to Many, TreatmentSite.Id to PatientExacerbation.TreatmentSiteId]	Hidden [Relationship]							

Notes:

Treatments module under Exacerbation Section is a sub-report and is the same data captured in the Treatments Table (Refer to Section 36 Disease Specific Treatments)

17. MEDICAL CONDITIONS – Malignancy

17.1 Description

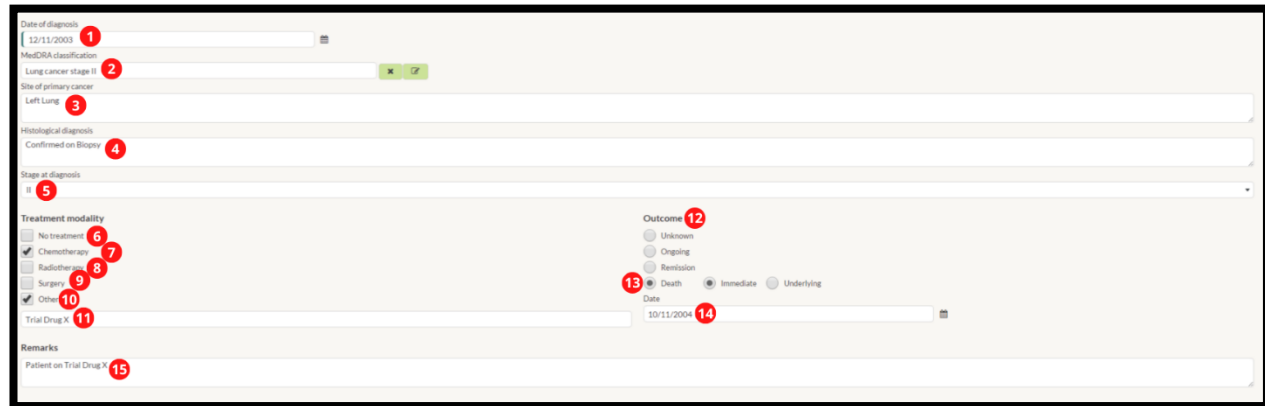
The Malignancy section allows you to record occurrences and details of malignancy.

17.2 Rules and Constraints

- Date of event must be after date of birth and prior to date of death.

17.3 Functions

- Add/Delete Malignancy – You can add/delete malignancy event.
- Add/Edit – You can add/edit details of the malignancy.



The screenshot displays the Malignancy form with the following fields and callouts:

- 1**: Date of diagnosis (12/11/2003)
- 2**: MutDRA classification (Lung cancer stage II)
- 3**: Site of primary cancer (Left Lung)
- 4**: Histological diagnosis (Confirmed on Biopsy)
- 5**: Stage of diagnosis (II)
- 6**: Treatment modality (Chemotherapy)
- 7**: Radiotherapy
- 8**: Surgery
- 9**: Other
- 10**: Trial Drug X
- 11**: Trial Drug X
- 12**: Outcome (Death)
- 13**: Death
- 14**: Date (10/11/2004)
- 15**: Remarks (Patient on Trial Drug X)

17.4 Malignancy Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
17.01	Date of diagnosis [MedicalEvent.DateOfEvent]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Date of Death	Y	Defaults to Today's date or Date of Death
17.02	MedDRA Classification [MalignancyEvent.MeddraConditionId]	Selection Window [bigint]			Yes		MedDRA LLT	Y	MedDRA LLT code stored in db field
17.03	Site of primary cancer [MalignancyEvent.PrimarySite]	Memo [text]	2,147,483,647		Yes			Y	
17.04	Histological diagnosis [MalignancyEvent.HistoDiagnosis]	Memo [text]	2,147,483,647		Yes			Y	
17.05	Stage at diagnosis [MalignancyEvent.StageDiag]	Dropdown [int]			Yes		I[1]; II[2]; III[3]; IV[4]	Y	
17.06	Treatment – No Treatment [MalignancyEvent.IsNoTreatment]	Checkbox [bit]			No		False[0]; True[1]	Y	
17.07	Treatment – Chemotherapy [MalignancyEvent.IsChemotherapy]	Checkbox [bit]			No		False[0]; True[1]	Y	
17.08	Treatment – Radiotherapy [MalignancyEvent.IsRadiotherapy]	Checkbox [bit]			No		False[0]; True[1]	Y	
17.09	Treatment – Surgery [MalignancyEvent.IsSurgery]	Checkbox [bit]			No		False[0]; True[1]	Y	
17.10	Treatment – Other [MalignancyEvent.IsOther]	Checkbox [bit]			No		False[0]; True[1]	Y	
17.11	Treatment Modality Other [MalignancyEvent.TreatmentOther]	String [nvarchar]	100		Yes	Length		Y	Only available if Treatment – Other = True
17.12	Outcome [MalignancyEvent.EventOutcome]	Radio [int]			Yes		Death[3]; Ongoing[1]; Remission[2]; Unknown[NULL]	Y	Note: If Death selected, Patient Identification and Medical History will automatically update with the relevant data.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
17.13	Death Outcome [MalignancyEvent.DeathReason]	Radio [int]			Yes		Immediate[1]; Underlying[2]	Y	Visible when Outcome = Death
17.14	Outcome End Date [MalignancyEvent.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered between Date of Diagnosis (for Remission) or Date of Birth (for Death) and Today's date or ≤ Date of Death	Y	Only available if Outcome = Remission or Death
17.15	Remarks [MalignancyEvent.Remarks]	Memo [text]	2,147,483,647		Yes			N	
	[MalignancyEvent.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK_MalignancyEvent_MeddraCondition, Relationship 1 to Many, 1_low_level_term.Ilt_code to MalignancyEvent.MeddraConditionId]	Hidden [Relationship]							
	[FK_MalignancyEv_Id__090A5324, Relationship 1 to 1, MedicalEvent.Id to MalignancyEvent.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

18. MEDICAL CONDITIONS - NMSC (Non-Melanoma Skin Cancer)

18.1 Description

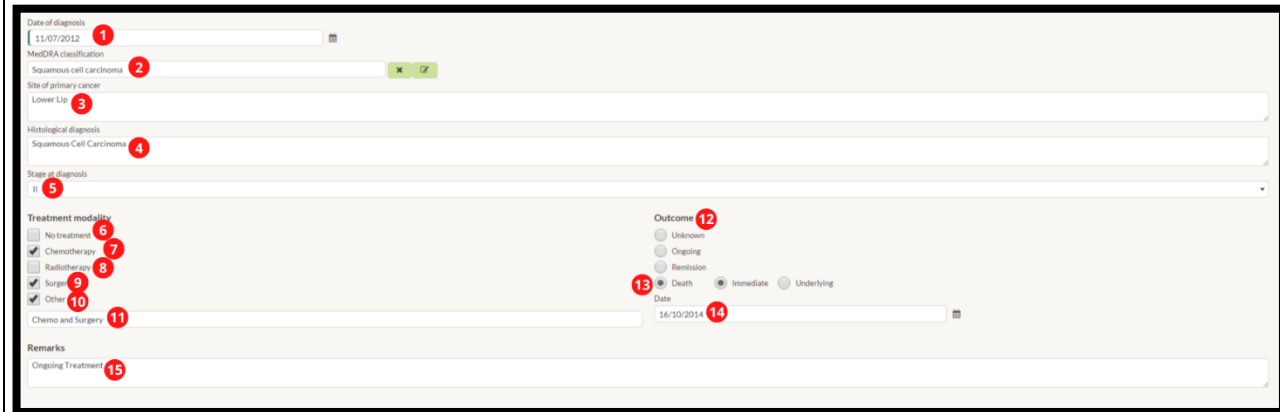
The NMSC section allows the user to record occurrences and details of NMSC.

18.2 Rules and Constraints

- Date of event must be after date of birth and prior to date of death.

18.3 Functions

- Add/Delete NMSC – You can add/delete NMSC event
- Add/Edit – You can add/edit details of the NMSC.



The screenshot shows the MGBase Data-entry Software (MDS) interface for recording a Non-Melanoma Skin Cancer (NMSC) event. The form is pre-filled with the following data:

- Date of diagnosis (1):** 11/07/2012
- MedDRA classification (2):** Squamous cell carcinoma
- Site of primary cancer (3):** Lower Lip
- Histological diagnosis (4):** Squamous Cell Carcinoma
- Stage at diagnosis (5):** II
- Treatment modality (6-10):**
 - ☐ No treatment (6)
 - ☒ Chemotherapy (7)
 - ☐ Radiotherapy (8)
 - ☒ Surgery (9)
 - ☒ Other (10)
- Outcome (12):**
 - ☐ Unknown
 - ☐ Ongoing
 - ☐ Remission
 - ☒ Death (13)
 - ☐ Immediate
 - ☐ Underlying
- Date (14):** 16/10/2014
- Remarks (15):** Chemo and Surgery

18.4 NMSC Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
18.01	Date of diagnosis [MedicalEvent.DateOfEvent]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered $\geq$ Date of Birth and $\leq$ Date of Death	Y	Defaults to Today's date or Date of Death
18.02	MedDRA Classification [NMSCEvent.MeddraConditionId]	Selection Window [bigint]			Yes		MedDRA LLT	Y	MedDRA LLT code stored in db field
18.03	Site of primary cancer [NMSCEvent.PrimarySite]	Memo [text]	2,147,483,647		Yes			Y	
18.04	Histological diagnosis [NMSCEvent.HistoDiagnosis]	Memo [text]	2,147,483,647		Yes			Y	
18.05	Stage at Diagnosis [NMSCEvent.StageDiag]	Dropdown [int]			Yes		I[1]; II[2]; III[3]; IV[4]	Y	
18.06	Treatment – No Treatment [NMSCEvent.IsNoTreatment]	Checkbox [bit]			No		False[0]; True[1]	Y	
18.07	Treatment – Chemotherapy [NMSCEvent.IsChemotherapy]	Checkbox [bit]			No		False[0]; True[1]	Y	
18.08	Treatment – Radiotherapy [NMSCEvent.IsRadiotherapy]	Checkbox [bit]			No		False[0]; True[1]	Y	
18.09	Treatment – Surgery [NMSCEvent.IsSurgery]	Checkbox [bit]			No		False[0]; True[1]	Y	
18.10	Treatment – Other [NMSCEvent.IsOther]	Checkbox [bit]			No		False[0]; True[1]	Y	
18.11	Treatment Modality Other [NMSCEvent.TreatmentOther]	String [nvarchar]	100		Yes	Length		Y	Only available if Treatment – Other = True
18.12	Outcome [NMSCEvent.EventOutcome]	Radio [int]			Yes		Death[3]; Ongoing[1]; Remission[2]; Unknown[NULL]	Y	Note: If Death selected, Patient Identification and Medical History will automatically update with the relevant data.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
18.13	Death Outcome [NMSCEvent.DeathReason]	Radio [int]			Yes		Immediate[1]; Underlying[2]	Y	Visible when Outcome = Death
18.14	Outcome Date [NMSCEvent.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered between Date of Diagnosis (for Remission) or Date of Birth (for Death) and Today's date or ≤ Date of Death	Y	Only available if Outcome = Remission or Death
18.15	Remarks [NMSCEvent.Remarks]	Memo [text]	2,147,483,647		Yes			N	
	[NMSCEvent.Id]	Hidden [uniqueidentifier]						Y	
	[FK_NMSCEvent_MeddraCondition, Relationship 1 to Many, 1_low_level_term.Ilt_code to NMSCEvent.MeddraConditionId]	Hidden [Relationship]							
	[FK_NMSCEvent_Id__147C05D0, Relationship 1 to 1, MedicalEvent.Id to NMSCEvent.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

19. MEDICAL CONDITIONS – Herpes Zoster

19.1 Description

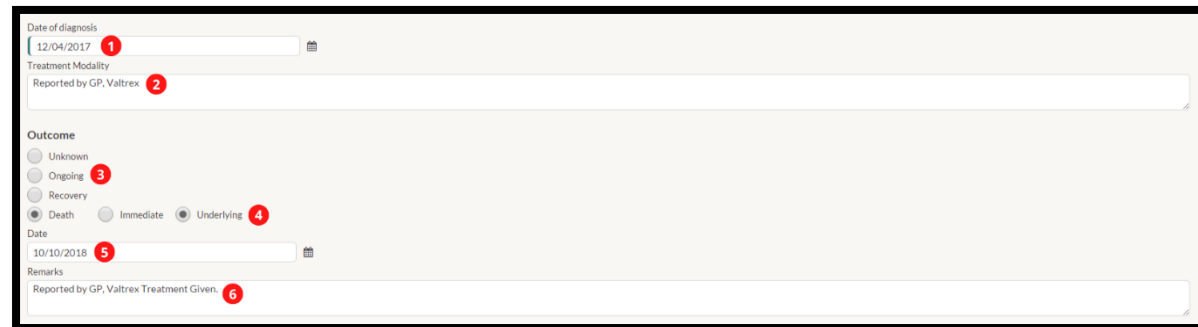
The Herpes Zoster section allows the user to record occurrences and details of Herpes Zoster.

19.2 Rules and Constraints

- Date of event must be after date of birth and prior to date of death.

19.3 Functions

- Add/Delete Herpes Zoster – You can add/delete Herpes Zoster event.
- Add/Edit – You can add/edit details of the Herpes Zoster.



The screenshot shows the Herpes Zoster form in MGBase. It includes the following fields and options:

- Date of diagnosis:** A date picker field showing 12/04/2017, marked with a red circle 1.
- Treatment Modality:** A text field showing "Reported by GP, Valtrex", marked with a red circle 2.
- Outcome:** A section with radio button options: Unknown, Ongoing (marked with a red circle 3), Recovery, Death, Immediate, and Underlying (marked with a red circle 4). The "Underlying" option is selected.
- Date:** A date picker field showing 10/10/2018, marked with a red circle 5.
- Remarks:** A text field showing "Reported by GP, Valtrex Treatment Given", marked with a red circle 6.

19.4 Herpes Zoster Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
19.01	Date of diagnosis [MedicalEvent.DateOfEvent]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered $\geq$ Date of Birth and $\leq$ Date of Death	Y	Defaults to Today's date
19.02	Treatment Modality [HerpesEvent.TreatmentModality]	Memo [text]	2,147,483,647		Yes			Y	
19.03	Outcome [HerpesEvent.EventOutcome]	Radio [int]			Yes		Death[3]; Ongoing[1]; Recovery[2]; Unknown[NULL]	Y	Note: If Death selected, Patient Identification and Medical History will automatically update with the relevant data.
19.04	Death Outcome [HerpesEvent.DeathReason]	Radio [int]			Yes		Immediate[1]; Underlying[2]	Y	
19.05	Outcome Date [HerpesEvent.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Between Date of Birth and Today's date or $\leq$ Date of Death	Y	Only available if Outcome = Recovery or Death
19.06	Remarks [HerpesEvent.Remarks]	Memo [text]	2,147,483,647		Yes			N	
	[HerpesEvent.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__HerpesEvent__Id__7F80E8EA, Relationship 1 to 1, MedicalEvent.Id to HerpesEvent.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

20. MEDICAL CONDITIONS – COVID-19

Medical condition
☒ COVID-19 1

Date of onset
 2

Diagnosis Confirmed? ☒ Yes ☐ No 3

Diagnosis Confirmed By
 PCR ☒ Positive 6 ☐ Negative ☐ Not Done
 Serology ☒ Positive 7 ☐ Negative ☐ Not Done
 Typical Chest Imaging Finding ☒ Positive 8 ☐ Negative ☐ Not Done

Was DMT ceased / delayed during this infection? ☒ Yes ☐ No 5

10/11/2020 4

Symptoms

Symptomatic? ☒ Yes ☐ No 9

Fever ☒ Yes ☐ No 10

Fatigue ☒ Yes ☐ No 11

Dry Cough ☒ Yes ☐ No 12

Sore Throat ☒ Yes ☐ No 13

Anosmia ☒ Yes ☐ No 14

Pain ☒ Yes ☐ No 15

Pneumonia ☒ Yes ☐ No 16

Diarrhoea ☒ Yes ☐ No 17

Other Medical Conditions

Pregnancy ☒ Yes ☐ No 18

(*) Please capture all relevant Pregnancy data in the Pregnancy module

Current Smoker ☒ Yes ☐ No 19

Obesity ☒ Yes ☐ No 20

Other Medical Conditions? (Comorbidities?) ☒ Yes ☐ No 21

CVS Incl. Hypertension ☒ Yes ☐ No 22

Diabetes ☒ Yes ☐ No 23

Chronic Lung Disease ☒ Yes ☐ No 24

Renal Disease ☒ Yes ☐ No 25

Liver Disease ☒ Yes ☐ No 26

Malignancy ☒ Active ☐ In Remission 28

Lab Tests

Pathology Test Conducted? ☒ Yes ☐ No 29

Has a pathology test been done during this illness?

Lymphocyte Count
 22/12/2020 30 31 g/dL 32

White Cell Count
 22/12/2020 33 34 g/dL 35

CD19 B Cell Count
 22/12/2020 36 37 g/dL 38

COVID-19 Severity Indicator

☐ Mild 39

☒ Moderate

☐ Severe

☐ Life threatening

Hospital Related Incidents

Hospital Admission? ☒ Yes ☐ No 40

Date of Admission 41

Date of Discharge 42

ICU Admission? ☒ Yes ☐ No 43

Date of Admission 44

Date of Discharge 45

Was Ventilation Required? ☒ Yes ☐ No 46

☐ Invasive ☒ Non-Invasive 47

Was ECMO Required? ☒ Yes ☐ No 48

COVID-19 Outcome

☐ Unknown

☐ Ongoing

☒ Recovery 49

☐ Death

Date 50

Remarks

Moderate Covid-19 51

20.1 Description

- The COVID-19 section allows the user to record occurrences and details of the COVID-19 (SARS-CoV-2) infection.

20.2 Rules and Constraints

- Date of event must be after date of birth and prior to date of death.
- Date of Diagnosis can only be entered once “Diagnosis confirmed?” = “Yes”
- If “Was DMT ceased / delayed during this infection?” = “Yes” the message “Please update the following DMTs in the treatment section” (and will display any active or ongoing DMTs)
- Symptoms can only be selected if “Symptomatic?” = “Yes”
- Comorbidities can only be selected if “Other Medical Conditions?” (Comorbidities) = “Yes”
- Pathology Test Data can only be entered, if “Pathology Test Conducted?” = “Yes”

20.3 Functions

- Add/Delete COVID-19 infection event
- Add/Edit – You can add/edit details of the COVID-19 infection event

20.4 COVID-19 Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
20.01	Medical Condition [Covid19Event.MeddraConditionId] or [Covid19Event.MedicalConditionId] [uniqueidentifier]	Selection Window [bigint]				Mandatory	MedDRA Conditions List	Y	Defaults to COVID-19 MedDRA Condition ID
20.02	Date of Onset [MedicalEvent.DateOfEvent]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today	Y	Defaults to Today's date or Date of Death
20.03	Diagnosis Confirmed? [Covid19Event.IsDiagnosisConfirmed]	Radio [bit]			No		Yes[1]; No[0]	Y	
20.04	Date Confirmed [Covid19Event.DiagnosisConfirmedDate]	Date [datetime]		dd/mm/yyyy	Yes	Mandatory if Diagnosis Confirmed? = Yes	Filtered ≥ Date of Birth and ≤ Today	Y	Available if Diagnosis Confirmed? = Yes
20.05	DMT ceased / delayed? [Covid19Event.WasDmtDelayed]	Radio [bit]			Yes		Yes[1]; No[0]	Y	Note: If Yes, a list of DMTs will be displayed
20.06	Confirmed By – PCR [Covid19Event.ConfirmedByPcr]	Radio [int]			Yes	At least 1 confirmation must be selected if Diagnosis Confirmed? = Yes	Positive[1]; Negative[2]; Not Done[3]	Y	Visible if Diagnosis Confirmed? = Yes
20.07	Confirmed By – Serology [Covid19Event.ConfirmedBySerology]	Radio [int]			Yes	At least 1 confirmation must be selected if Diagnosis Confirmed? = Yes	Positive[1]; Negative[2]; Not Done[3]	Y	Visible if Diagnosis Confirmed? = Yes
20.08	Confirmed By – Chest Imaging [Covid19Event.ConfirmedByChestImaging]	Radio [int]			Yes	At least 1 confirmation must be selected if Diagnosis Confirmed? = Yes	Positive[1]; Negative[2]; Not Done[3]	Y	Visible if Diagnosis Confirmed? = Yes
20.09	Symptomatic? [Covid19Event.IsSymptomatic]	Radio [int]			No		Yes[1]; No[0]	Y	
20.10	S – Fever [Covid19Event.SymptomsFever]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes
20.11	S – Fatigue [Covid19Event.SymptomsFatigue]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
20.12	S – Dry Cough [Covid19Event.SymptomsDryCough]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes
20.13	S – Sore Throat [Covid19Event.SymptomsSoreThroat]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes
20.14	S – Anosmia [Covid19Event.SymptomsAnosmia]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes
20.15	S – Pain [Covid19Event.SymptomsPain]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes
20.16	S – Pneumonia [Covid19Event.SymptomsPneumonia]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes
20.17	S – Diarrhoea [Covid19Event.SymptomsDiarrhoea]	Radio [int]			Yes		Yes[1]; No[0]	Y	Available when Symptomatic? = Yes
20.18	Other MC – Pregnancy [Covid19Event.OtherConditionsPregnancy]	Radio [int]			Yes		Yes[1]; No[0]	Y	
20.19	Other MC – Current Smoker [Covid19Event.OtherConditionsCurrentSmoker]	Radio [int]			Yes		Yes[1]; No[0]	Y	
20.20	Other MC – Obesity [Covid19Event.OtherConditionsObesity]	Radio [int]			Yes		Yes[1]; No[0]	Y	
20.21	Other MC – Comorbidities [Covid19Event.OtherConditionsOther]	Radio [int]			Yes		Yes[1]; No[0]	Y	
20.22	Comorbidities – CVS Incl. [Covid19Event.OtherConditionsCvs]	Radio [int]			Yes	At least 1 condition must be selected if Other Medical Conditions (Comorbidities)? = Yes	Yes[1]; No[0]	Y	Available if Other Medical Conditions (Comorbidities)? = Yes
20.23	Comorbidities – Diabetes [Covid19Event.OtherConditionsDiabetes]	Radio [int]			Yes	At least 1 condition must be selected if Other Medical Conditions (Comorbidities)? = Yes	Yes[1]; No[0]	Y	Available if Other Medical Conditions (Comorbidities)? = Yes

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
20.24	Comorbidities – Chronic Lung Disease [Covid19Event.OtherConditionsLungDisease]	Radio [int]			Yes	At least 1 condition must be selected if Other Medical Conditions (Comorbidities)? = Yes	Yes[1]; No[0]	Y	Available if Other Medical Conditions (Comorbidities)? = Yes
20.25	Comorbidities – Renal Disease [Covid19Event.OtherConditionsRenalDisease]	Radio [int]			Yes	At least 1 condition must be selected if Other Medical Conditions (Comorbidities)? = Yes	Yes[1]; No[0]	Y	Available if Other Medical Conditions (Comorbidities)? = Yes
20.26	Comorbidities – Liver Disease [Covid19Event.OtherConditionsLiverDisease]	Radio [int]			Yes	At least 1 condition must be selected if Other Medical Conditions (Comorbidities)? = Yes	Yes[1]; No[0]	Y	Available if Other Medical Conditions (Comorbidities)? = Yes
20.27	Comorbidities – Malignancy [Covid19Event.OtherConditionsMalignancy]	Radio [int]			Yes	At least 1 condition must be selected if Other Medical Conditions (Comorbidities)? = Yes	Yes[1]; No[0]	Y	Available if Other Medical Conditions (Comorbidities)? = Yes
20.28	Comorbidities – Malignancy Type [Covid19Event.OtherConditionsMalignancyType]	Radio [int]			Yes	Mandatory if Malignancy = Yes	Active[1]; In Remission[2]	Y	Available if Malignancy (Comorbidities)? = Yes
20.29	Pathology Test Conducted? [Covid19Event.PathologyTestConducted]	Radio [int]			Yes		Yes[1]; No[0]	Y	
20.30	Lymphocyte – Date	Date						Y	Available if Pathology Test Conducted? = Yes A Medical Test record, type Lab – Haematology, is created on save when data is complete.
20.31	Lymphocyte – Value	String				Mandatory if Lymphocyte – Date is not NULL		Y	Available if Pathology Test Conducted? = Yes
20.32	Lymphocyte – Unit	Dropdown				Mandatory if Lymphocyte – Date is not NULL		Y	Available if Pathology Test Conducted? = Yes
	[Covid19Event.LymphocyteTestResultId]	Hidden [uniqueidentifier]			Yes			Y	
20.33	White Cell – Date							Y	Available if Pathology Test Conducted? = Yes A Medical Test record, type Lab –

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
									Haematology, is created on save when data is complete.
20.34	White Cell – Value					Mandatory if White Cell – Date is not NULL		Y	Available if Pathology Test Conducted? = Yes
20.35	White Cell – Unit					Mandatory if White Cell – Date is not NULL		Y	Available if Pathology Test Conducted? = Yes
	[Covid19Event.WhiteCellCountTestResultId]	Hidden [uniqueidentifier]			Yes			Y	
20.36	CD19B Cell – Date							Y	Pathology Test Conducted? = Yes A Medical Test record, type Lab – Haematology, is created on save when data is complete.
20.37	CD19B Cell – Value					Mandatory if CD19B Cell – Date is not NULL		Y	Available if Pathology Test Conducted? = Yes
20.38	CD19B Cell – Unit					Mandatory if CD19B Cell – Date is not NULL		Y	Available if Pathology Test Conducted? = Yes
	[Covid19Event.CD19BCellTestResultId]	Hidden [uniqueidentifier]			Yes			Y	
20.39	COVID-19 Severity – Mild [Covid19Event.IsMild]	Checkbox [int]			No		True[1]; False[0]	Y	
20.39	COVID-19 Severity – Moderate [Covid19Event.IsModerate]	Checkbox [int]			No		True[1]; False[0]	Y	
20.39	COVID-19 Severity – Severe [Covid19Event.IsSevere]	Checkbox [int]			No		True[1]; False[0]	Y	
20.39	COVID-19 Severity – Life threatening [Covid19Event.IsLifeThreatening]	Checkbox [int]			No		True[1]; False[0]	Y	
20.40	Hospital Admission? [Covid19Event.HospitalAdmission]	Radio [bit]			Yes		Yes[1]; No[0]	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
20.41	HA – Date of Admission [Covid19Event.DateOfHospitalAdmission]	Date [datetime]			Yes	Mandatory if Hospital Admission? = Yes	Filtered ≥ Date of Birth and ≤ Today	Y	Available if Hospital Admission? = Yes
20.42	HA – Date of Discharge [Covid19Event.DateOfHospitalDischarge]	Date [datetime]			Yes		Filtered ≥ Date of Birth and ≤ Today	Y	Available if Hospital Admission? = Yes
20.43	ICU Admission? [Covid19Event.IcuAdmission]	Radio [bit]			Yes		Yes[1]; No[0]	Y	
20.44	ICU – Date of Admission [Covid19Event.DateOfIcuAdmission]	Date [datetime]			Yes	Mandatory if ICU Admission? = Yes	Filtered ≥ Date of Birth and ≤ Today	Y	Available if ICU Admission? = Yes
20.45	ICU – Date of Discharge [Covid19Event.DateOfIcuDischarge]	Date [datetime]			Yes		Filtered ≥ Date of Birth and ≤ Today	Y	Available if ICU Admission? = Yes
20.46	Was Ventilation Required? [Covid19Event.WasVentilationRequired]	Radio [bit]			Yes		Yes[1]; No[0]	Y	
20.47	Ventilation Type [Covid19Event.VentilationType]	Radio [bit]			Yes		Invasive[1]; Non-Invasive[2]	Y	Available if Was Ventilation Required? = Yes
20.48	ECMO Required? [Covid19Event.WasEcmoRequired]	Radio [bit]			Yes		Yes[1]; No[0]	Y	
20.49	COVID-19 Outcome [Covid19Event.EventOutcome]	Radio [int]			Yes		Unknown[NULL]; Ongoing[1]; Recovery[2]; Death[3]	Y	
20.50	Outcome End Date [Covid19Event.EndDate]	Date [datetime]			Yes	Mandatory if Recovery or Death selected	Max date = Today	Y	Available if Recovery or Death selected
20.51	Remarks [Covid19Event.Remarks]	Memo [text]	2,147,483,647		Yes			N	
	[Covid19Event.DeathReason]	Hidden [int]			Yes			Y	No longer used
	[Covid19Event.Id]	Hidden [uniqueidentifier]			No			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[FK__Covid19Event__Id__69279377, Relationship 1 to 1, MedicalEvent.Id to Covid19Event.Id]	Hidden [Relationship]							
	[FK__Covid19Event_MeddraCondition, Relationship 1 to Many, 1_low_level_term.Ilt_code to COVID19Event.MeddraConditionId]	Hidden [Relationship]							
	[FK__Covid19Ev__Medic__68336F3E, Relationship 1 to Many, MedicalCondition.Id to COVID19Event.MedicalConditionId]	Hidden [Relationship]							
	[FK__Covid19Ev__CD19B__6CF8245B, Relationship 1 to 1, LaboratoryTestMeasureResult.Id to COVID19Event.CD19BCellTestResultId]	Hidden [Relationship]							
	[FK__Covid19Ev__Lymph__6C040022, Relationship 1 to 1, LaboratoryTestMeasureResult.Id to COVID19Event.LymphocyteTestResultId]	Hidden [Relationship]							
	[FK__Covid19Ev__White__6B0FDBE9, Relationship 1 to 1, LaboratoryTestMeasureResult.Id to COVID19Event.WhiteCellCountTestResultId]	Hidden [Relationship]							

Notes:

- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

21. MEDICAL CONDITIONS

– Immuno-suppression-associated

21.1 Description

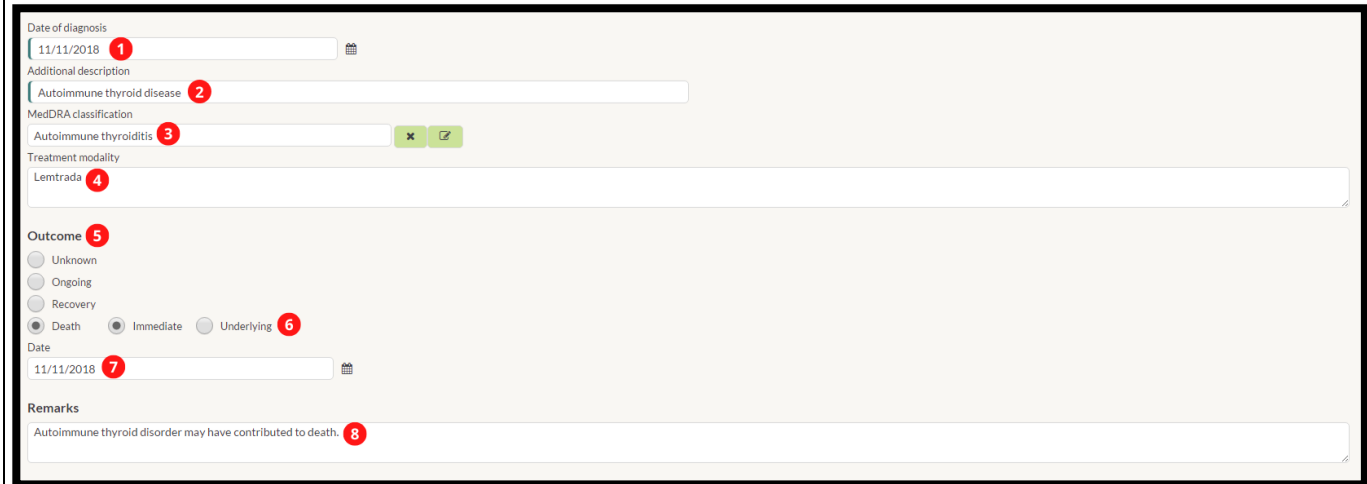
The Immuno-Suppression Associated section allows the user to record occurrences and details of infection.

21.2 Rules and Constraints

- Date of event must be after date of birth and prior to date of death.

21.3 Functions

- Add/Delete Immuno-Suppression Associated – You can add/delete Immuno-Suppression Associated event
- Add/Edit – You can add/edit details of the Immuno-Suppression Associated event.



The screenshot displays a form for recording medical conditions, specifically immuno-suppression-associated events. The form is organized into several sections, each with a red numbered callout indicating a specific field or feature:

- 1**: Date of diagnosis (11/11/2018)
- 2**: Additional description (Autoimmune thyroid disease)
- 3**: MedDRA classification (Autoimmune thyroiditis)
- 4**: Treatment modality (Lemtrada)
- 5**: Outcome (Radio buttons for Unknown, Ongoing, Recovery, Death, Immediate, Underlying)
- 6**: Immediate (Selected radio button)
- 7**: Date (11/11/2018)
- 8**: Remarks (Autoimmune thyroid disorder may have contributed to death.)

21.4 Immuno-suppression-associated Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
21.01	Date of Diagnosis [MedicalEvent.DateOfEvent]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	
21.02	Additional Description [ImmunoinfectionEvent.InfectionName]	String [nvarchar]	100		Yes	Mandatory Length		Y	
21.03	MedDRA classification [ImmunoinfectionEvent.MeddraConditionId]	Selection Window [bigint]			Yes			Y	MedDRA Condition selection window
21.04	Treatment Modality [ImmunoinfectionEvent.TreatmentModality]	Memo [text]	2,147,483,647		Yes	Maximum length 500 characters		Y	
21.05	Outcome [ImmunoinfectionEvent.EventOutcome]	Radio [int]			Yes		Death[3]; Ongoing[1]; Recovery[2]; Unknown[NULL]	Y	
21.06	Death Outcome [ImmunoinfectionEvent.DeathReason]	Radio [int]			Yes		Immediate[1]; Underlying[2]	Y	Visible if Outcome = Death
21.07	Outcome Date [ImmunoinfectionEvent.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		For Death: Filtered ≥ Date of Birth and ≤ Today For Recovery: Filtered ≥ Date of Diagnosis and ≤ Today	Y	Available if Outcome = Recovery or Death
21.08	Remarks [ImmunoinfectionEvent.Remarks]	Memo [text]	2,147,483,647		Yes			N	
	[ImmunoinfectionEvent.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__Immunoinfect__Id__0169315C, Relationship 1 to 1, MedicalEvent.Id to ImmunoinfectionEvent.Id]	Hidden [Relationship]							
	[FK__ImmunoinfectionEvent_MeddraCondition, Relationship 1 to Many,	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	1_low_level_term.lit_code to ImmunoinfectionEvent.MeddraConditionId]								

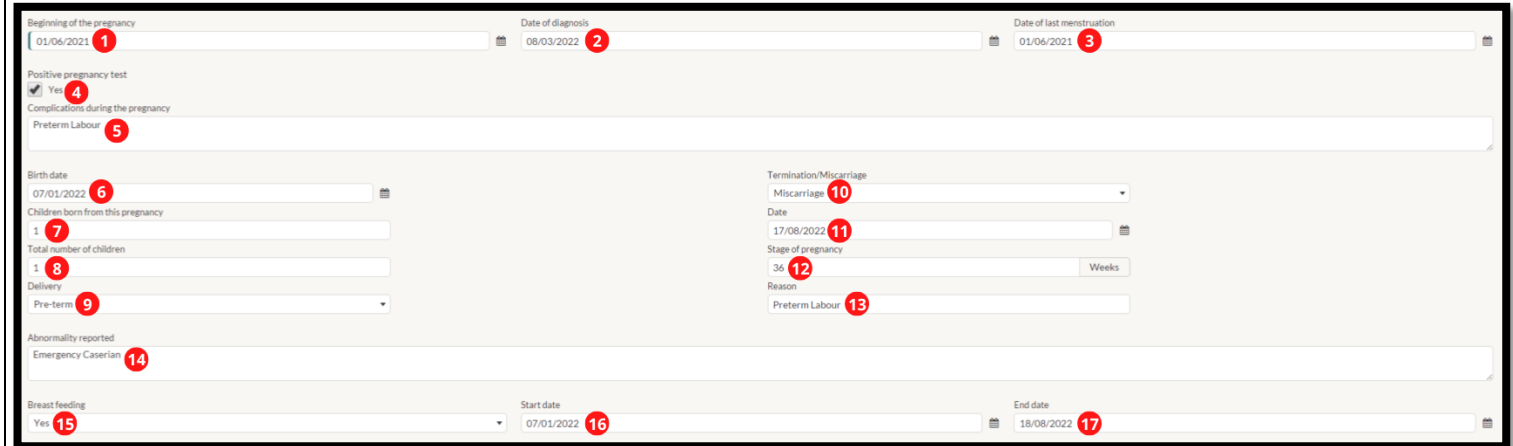
Notes:

- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

22. MEDICAL CONDITIONS – Pregnancy

22.1 Description

The Pregnancy section allows the user to record occurrences and details of pregnancy, outcomes, and breastfeeding.



The screenshot shows the 'Pregnancy' form in MGBBase. It includes the following fields and callouts:

- 1**: Beginning of the pregnancy (Date field, 01/06/2021)
- 2**: Date of diagnosis (Date field, 08/03/2022)
- 3**: Date of last menstruation (Date field, 01/06/2021)
- 4**: Positive pregnancy test (Yes/No radio buttons, 'Yes' selected)
- 5**: Complications during the pregnancy (Text area, 'Preterm Labour')
- 6**: Birth date (Date field, 07/01/2022)
- 7**: Children born from this pregnancy (Text field, '1')
- 8**: Total number of children (Text field, '1')
- 9**: Delivery (Pre-term/Full-term radio buttons, 'Pre-term' selected)
- 10**: Termination/Miscarriage (Dropdown menu, 'Miscarriage' selected)
- 11**: Date (Date field, 17/08/2022)
- 12**: Stage of pregnancy (Text field, '36', with 'Weeks' unit)
- 13**: Reason (Text field, 'Preterm Labour')
- 14**: Abnormality reported (Text area, 'Emergency Caesarian')
- 15**: Breast feeding (Yes/No radio buttons, 'Yes' selected)
- 16**: Start date (Date field, 07/01/2022)
- 17**: End date (Date field, 18/08/2022)

22.2 Rules and Constraints

- Pregnancy screen is only enabled and visible if user female

22.3 Functions

Add/Edit / Delete Pregnancy – You can add/edit / delete Pregnancy event.

22.4 Pregnancy Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
22.01	Beginning of the pregnancy [MedicalEvent.DateOfEvent]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered $\geq$ Date of Birth and $\leq$ Today or Date of Death	Y	Defaults to Today
22.02	Date of diagnosis [PregnancyEvent.DateOfDiagnosis]	Date [datetime]		dd/mm/yyyy	Yes		Filtered $\leq$ Today	Y	
22.03	Date of last menstruation [PregnancyEvent.DateOfLastMenstruation]	Date [datetime]		dd/mm/yyyy	Yes	Mandatory	Filtered $\leq$ Today	Y	
22.04	Positive pregnancy test [PregnancyEvent.PositivePregnancy]	Checkbox [bit]			No		False[0]; True[1]	Y	Defaults to False
22.05	Complications during the pregnancy [PregnancyEvent.ComplicationsDuringPregnancy]	Memo [text]	2,147,483,647			Maximum length 50 characters		Y	
22.06	Birth date [PregnancyEvent.BirthDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered $\geq$ Beginning of the pregnancy and $\leq$ Today	Y	
22.07	Children born from this pregnancy [PregnancyEvent.ChildrenBornFromPregnancy]	Number [int]			Yes	Maximum 99	0 to 99	Y	
22.08	Total number of children [PregnancyEvent.TotalNumberOfChildren]	Number [int]			Yes	Maximum 99	0 to 99	Y	
22.09	Delivery [PregnancyEvent.Delivery]	Dropdown [nvarchar]	100		Yes		Normal[1]; Pre-term[2]	Y	
22.10	Termination/Miscarriage [PregnancyEvent.Termination]	Dropdown [nvarchar]	100		Yes		Miscarriage[1]; Abortion[2]	Y	
22.11	Date [PregnancyEvent.TerminationDate]	Date [datetime]		dd/mm/yyyy		Date of Birth and Date of Termination cannot both be entered		Y	
22.12	Stage of pregnancy [PregnancyEvent.StageOfPregnancy]	Number [int]			Yes	Maximum 99	0 to 99	Y	Weeks
22.13	Reason [PregnancyEvent.Reason]	String [nvarchar]	100		Yes	Maximum length 20 characters		Y	
22.14	Abnormality reported [PregnancyEvent.Abnormality]	Memo [text]	2,147,483,647			Maximum length 50 characters		Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
22.15	Breast feeding [PregnancyEvent.BreastFeeding]	Dropdown [nvarchar]	100		Yes		No[2]; Yes[1]	Y	
22.16	Start date [PregnancyEvent.StartDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered ≤ Today	Y	
22.17	End date [PregnancyEvent.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered ≤ Today	Y	
	[PregnancyEvent.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__PregnancyEve__Id__320C68B7, Relationship 1 to 1, MedicalEvent.Id to PregnancyEvent.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

23. MEDICAL CONDITIONS - Other Events

23.1 Description

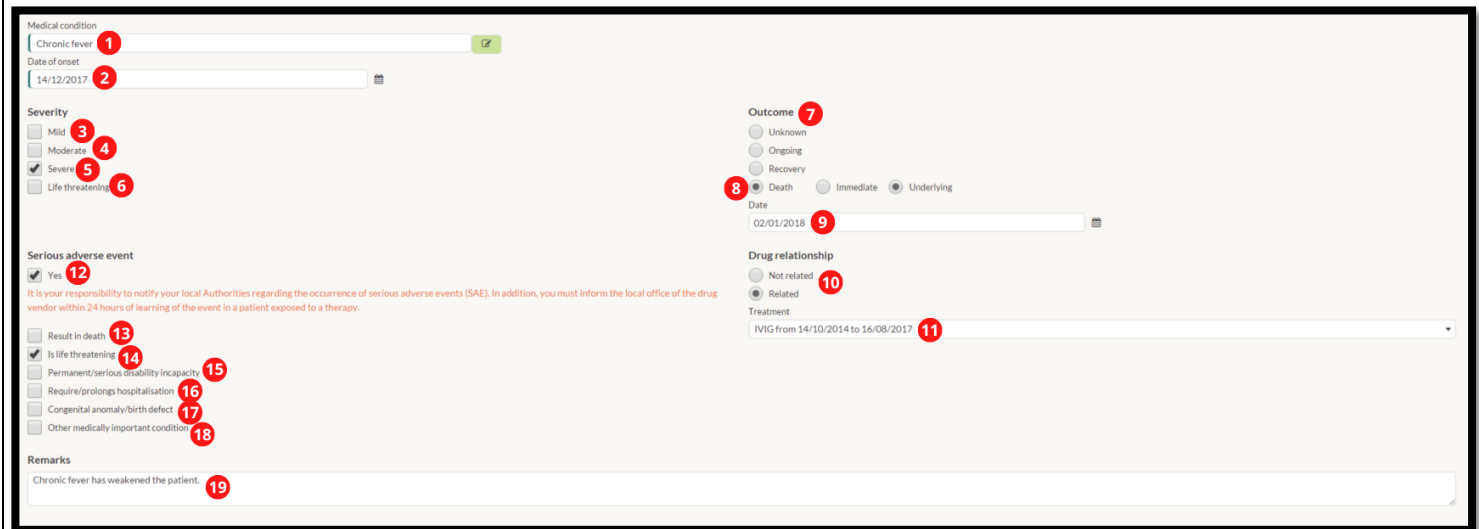
This section captures other medical events.

23.2 Rules and Constraints

- Medical Conditions can be selected from existing MedDRA terms. OR
- Medical Conditions can be selected from the list of reference data terms.
- The start date of the related treatment must occur on or before the date of the adverse condition.

23.3 Functions

- Add/Delete Other Events – You can add/delete Other Events
- Add/Edit – You can add/edit details of the Other Events



The screenshot displays the 'Medical condition' form in MGBase. The form includes the following fields and options, each marked with a red circle and a number:

- 1**: Medical condition dropdown menu (set to 'Chronic fever').
- 2**: Date of onset date picker (set to '14/12/2017').
- 3**: Mild severity checkbox.
- 4**: Moderate severity checkbox.
- 5**: Severe severity checkbox (checked).
- 6**: Life threatening severity checkbox.
- 7**: Outcome radio buttons (Unknown, Ongoing, Recovery, Death, Immediate, Underlying).
- 8**: Death outcome radio button (selected).
- 9**: Date date picker (set to '02/01/2018').
- 10**: Drug relationship radio buttons (Not related, Related).
- 11**: Treatment dropdown menu (set to 'IVIIG from 14/10/2014 to 16/08/2017').
- 12**: Serious adverse event checkbox (checked).
- 13**: Result in death checkbox.
- 14**: Is life threatening checkbox (checked).
- 15**: Permanent/serious disability/incapacity checkbox.
- 16**: Require/prolongs hospitalisation checkbox.
- 17**: Congenital anomaly/birth defect checkbox.
- 18**: Other medically important condition checkbox.
- 19**: Remarks text area (containing 'Chronic fever has weakened the patient.').

Below the 'Serious adverse event' checkbox, there is a small text note: 'It is your responsibility to notify your local Authorities regarding the occurrence of serious adverse events (SAE). In addition, you must inform the local office of the drug vendor within 24 hours of learning of the event in a patient exposed to a therapy.'

23.4 Other Events Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
23.01	Medical Condition [OtherEvent.MeddraConditionId] or [OtherEvent.MedicalConditionId]	Selection Window [bigint] or [uniqueidentifier]			Yes	Mandatory	MedDRA LLT or Centre Medical Conditions Lookup values from Table MedicalCondition Please refer to the tab for the Table in the Db Schema file to see the selection options (and associated ids) available for this field.	Y	
23.02	Date of Onset [MedicalEvent.DateOfEvent]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth Max date = Today or Date of Death	Y	Defaults to Today
23.03	Severity – Mild [OtherEvent.IsMild]	Checkbox [bit]			No		False[0]; True[1]	Y	
23.04	Severity – Moderate [OtherEvent.IsModerate]	Checkbox [bit]			No		False[0]; True[1]	Y	
23.05	Severity – Severe [OtherEvent.IsSevere]	Checkbox [bit]			No		False[0]; True[1]	Y	
23.06	Severity – Life threatening [OtherEvent.IsLifeThreatening]	Checkbox [bit]			No		False[0]; True[1]	Y	
23.07	Outcome [OtherEvent.EventOutcome]	Radio [int]			Yes		Unknown[NULL]; Ongoing[1]; Recovery[2]; Death[3]	Y	
23.08	Death Outcome [OtherEvent.DeathReason]	Radio [int]			Yes		Immediate[1]; Underlying[2]	Y	Visible if Outcome = Death
23.09	Outcome End Date [OtherEvent.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered ≥ Date of Onset or Date of Birth (if Outcome = Death) and ≤ Today or Date of Death	Y	Available if Outcome = Recovery or Death
23.10	Drug Relationship [OtherEvent.DrugRelationship]	Radio [bit]			No		Not Related[0]; Related[1]	Y	
23.11	Treatment [OtherEvent.Treatment]	Dropdown [uniqueidentifier]			Yes		[List MS Specific Treatments or Symptomatic Treatments assigned to that patient]	Y	Available if Drug Relationship = Related
23.12	Serious Adverse Event [OtherEvent.IsSerious]	Checkbox [bit]			No		False[0]; True[1]	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
23.13	Result in death [OtherEvent.ResultsInDeath]	Checkbox [bit]			No		False[0]; True[1]	Y	Available if Serious Adverse Event = Yes
23.14	Is life threatening [OtherEvent.IsSeriouslyLifeThreatening]	Checkbox [bit]			No		False[0]; True[1]	Y	Available if Serious Adverse Event = Yes
23.15	Permanent/serious disability incapacity [OtherEvent.IsPermanent]	Checkbox [bit]			No		False[0]; True[1]	Y	Available if Serious Adverse Event = Yes
23.16	Require/prolongs hospitalisation [OtherEvent.ProlongsHospitalisation]	Checkbox [bit]			No		False[0]; True[1]	Y	Available if Serious Adverse Event = Yes
23.17	Congenital anomaly/birth defect [OtherEvent.IsCongenital]	Checkbox [bit]			No		False[0]; True[1]	Y	Available if Serious Adverse Event = Yes
23.18	Other medically important condition [OtherEvent.IsOther]	Checkbox [bit]			No		False[0]; True[1]	Y	Available if Serious Adverse Event = Yes
23.19	Remarks [OtherEvent.Remarks]	Memo [text]	2,147,483,647		Yes			N	
	[OtherEvent.Id]	Hidden [uniqueidentifier]			No			Y	
	[OtherEvent.TreatmentOther]	Hidden [nvarchar]			Yes			Y	No longer used
	[FK__OtherEvent__Id__1A34DF26, Relationship 1 to 1, MedicalEvent.Id to OtherEvent.Id]	Hidden [Relationship]							
	[FK__OtherEvent__MeddraCondition, Relationship 1 to Many, 1_low_level_term.Ilt_code to OtherEvent.MeddraConditionId]	Hidden [Relationship]							
	[FK__OtherEvent__Medic__1940BAED, Relationship 1 to Many, MedicalCondition.Id to OtherEvent.MedicalConditionId]	Hidden [Relationship]							

Notes:

- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

24. MEDICAL CONDITIONS – Flexifields

24.1 Description

User specified Flexifields for Medical Conditions are in this section.

24.2 Rules and Constraints

Flexifields must be specified in the Preferences.

24.3 Functions

- Enter/Delete Data – You can enter/delete Flexifield data.

FlexiFields

Date of diagnosis

02/01/2018



Save

Cancel

24.4 Medical Condition Flexifield Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	Date of diagnosis [MedicalEvent.DateOfEvent]	Date [datetime]			No				Defaults to Today
	FlexiField Name [FlexiField.Name]	Field Label						N	
	FlexiField Value [MedicalEventFlexiField.Value]	String [nvarchar]	1000		Yes		Allowed values will depend on the type of flexifield. Dropdown lists comes from [FlexiFieldOption.Value]	N	
	[MedicalEventFlexiField.FieldId]	Hidden [uniqueidentifier]			No			N	
	[MedicalEventFlexiField.Id]	Hidden [uniqueidentifier]			No			N	
	[MedicalEventFlexiField.MedicalEventId]	Hidden [uniqueidentifier]			No			N	
	[FlexiFieldEvent.Id]	Hidden [uniqueidentifier]			No			N	
	[FK_FlexiFieldEv__Id__7CA47C3F, Relationship 1 to 1 MedicalEvent.Id to FlexiFieldEvent.Id]	Hidden [Relationship]							
	[FK__MedicalEv__Field__OAF29B96, Relationship many to many FlexiField.Id to MedicalEventFlexiField.FieldId]	Hidden [Relationship]							

Notes:

- Table MedicalEventFlexiField contains the value that is entered for flexifields from the Medical Events Flexifields screen in MDS

- Table FlexiField contains the definition of the flexifields, i.e. Name and Data Type
- Table FlexiFieldOptions contains the values defined for flexifields where type is a dropdown
- Type of Medical Condition is stored in Table MedicalEvent, fields Type and Title

25. MEDICAL TESTS – Electro Diagnostics

25.1 Description

- This section provides details on the results of an Electro Diagnostics test.

25.2 Rules and Constraints

- Date of test field mandatory

25.3 Functions

- Add/Delete – You can add/delete Electro Diagnostic event details for a patient.

Electro-Diagnostics

Date of Test

SFEMG

Abnormal-MG Typical

Repetitive stimulation

Abnormal-LEMS Typical

NCS

Equivocal

Comments

Patient reported numbness back.

25.4 Electro Diagnostics Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
25.01	Date of Test [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory		Y	Defaults to Today
25.02	SFEMG [ElectroDiagnosticTest.SFEMG]	Dropdown [int]			Yes		Normal[0]; Abnormal-LEMS Typical[1]; Equivocal[2]; Not Tested/Unknown[3]; Abnormal-MG Typical[4]	Y	
25.03	Repetitive stimulation [ElectroDiagnosticTest.RepetitiveStimulation]	Dropdown [int]			Yes		Normal[0]; Abnormal-LEMS Typical[1]; Equivocal[2]; Not Tested/Unknown[3]; Abnormal-MG Typical[4]	Y	
25.04	NCS [ElectroDiagnosticTest.NCS]	Dropdown [int]			Yes		Normal[0]; Abnormal-LEMS Typical[1]; Equivocal[2]; Not Tested/Unknown[3]; Abnormal-MG Typical[4]	Y	
25.05	Comments [ElectroDiagnosticTest.Comments]	Memo [nvarchar]	200		Yes	Length		N	
	[ElectroDiagnosticTest.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__ElectroDiagn__Id__2A363CC5, Relationship 1 to 1 ParaclinicalTest.Id to ElectroDiagnosticTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

26. MEDICAL TESTS - Imaging

26.1 Description

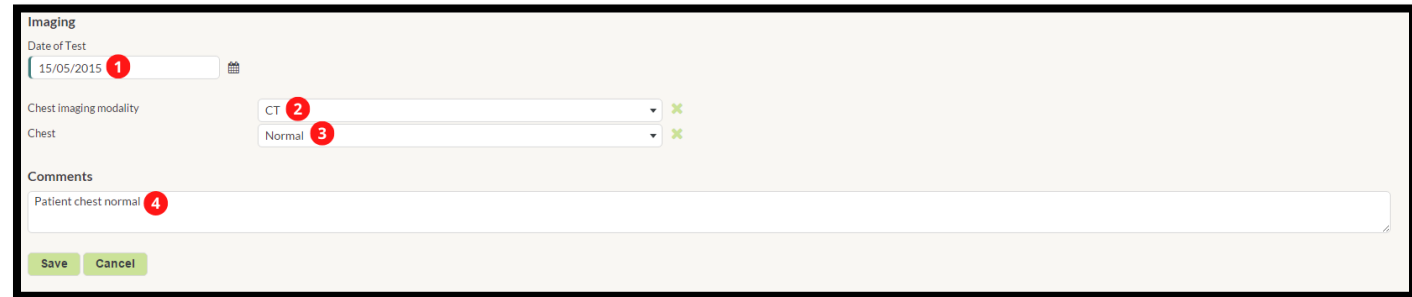
- This section provides details on the results of an imaging test.

26.2 Rules and Constraints

- Date of test field mandatory.

26.3 Functions

- Add/Delete – You can add/delete imaging test details for a patient.



The screenshot shows the 'Imaging' form in MGBase. It contains the following fields and annotations:

- Date of Test:** A date picker field showing '15/05/2015'. A red circle with the number '1' is next to it.
- Chest imaging modality:** A dropdown menu showing 'CT'. A red circle with the number '2' is next to it.
- Chest:** A dropdown menu showing 'Normal'. A red circle with the number '3' is next to it.
- Comments:** A text area containing 'Patient chest normal'. A red circle with the number '4' is next to it.
- Buttons:** 'Save' and 'Cancel' buttons are at the bottom.

26.4 Imaging Test Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
26.01	Date of Test [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory		Y	Defaults to Today
26.02	Chest imaging modality [ImagingTest.ChestImagingModalityId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table ChestImagingModality CXR; CT; MRI; Other	Y	
26.03	Chest [ImagingTest.ChestImagingResultId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table ChestImagingResult Normal; Mass -suggestive of thymoma; Thymic enlargement suggestive of hyperplasia; Other significant finding (comment); Not done/unknown	Y	
26.04	Comments [ImagingTest.Comments]	Memo [nvarchar]	200		Yes	Length		N	
	[ImagingTest.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__ImagingTest__Id__2FEF161B, Relationship 1 to 1 ParaclinicalTest.Id to ImagingTest.Id]	Hidden [Relationship]							
	[FK__ImagingTe__Chest__30E33A54, Relationship 1 to many ChestImagingModality.Id to ImagingTest.ChestImagingModalityId]	Hidden [Relationship]							
	[FK__ImagingTe__Chest__31D75E8D, Relationship 1 to many ChestImagingResult.Id to ImagingTest.ChestImagingResultId]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

27. MEDICAL TESTS - Bedside

27.1 Description

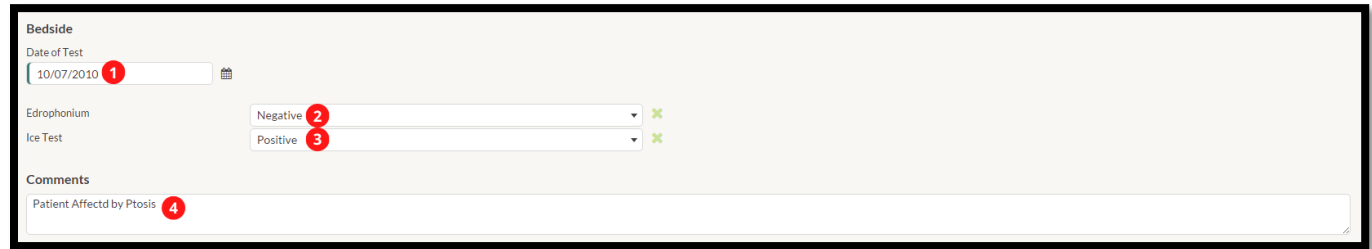
- This section provides details on the results of a bedside test.

27.2 Rules and Constraints

- Date of test field mandatory

27.3 Functions

Add/Delete – You can add/delete bedside test details for a patient.



The screenshot shows the 'Bedside' form in MGBase. It includes a 'Date of Test' field (1) with a calendar icon, 'Edrophonium' and 'Ice Test' dropdown menus (2 and 3) with green 'x' icons, and a 'Comments' text area (4) containing the text 'Patient Affected by Ptosis'.

27.4 Bedside Test Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
27.01	Date of Test [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory		Y	Defaults to Today
27.02	Edrophonium [BedsideTest.Edrophonium]	Dropdown [int]			Yes		Positive[0]; Negative[1]; Equivocal[2]; Not Tested / Unknown[3]	Y	
27.03	Ice Test [BedsideTest.IceTest]	Dropdown [int]			Yes		Positive[0]; Negative[1]; Equivocal[2]; Not Tested / Unknown[3]	Y	
27.04	Comments [BedsideTest.Comments]	Memo [nvarchar]	200		Yes	Length		N	
	[BedsideTest.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__BedsideTest__Id__2D12A970, Relationship 1 to 1 ParaclinicalTest.Id to BedsideTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

28. MEDICAL TESTS - Laboratory Tests – Myasthenia Antibodies

28.1 Description

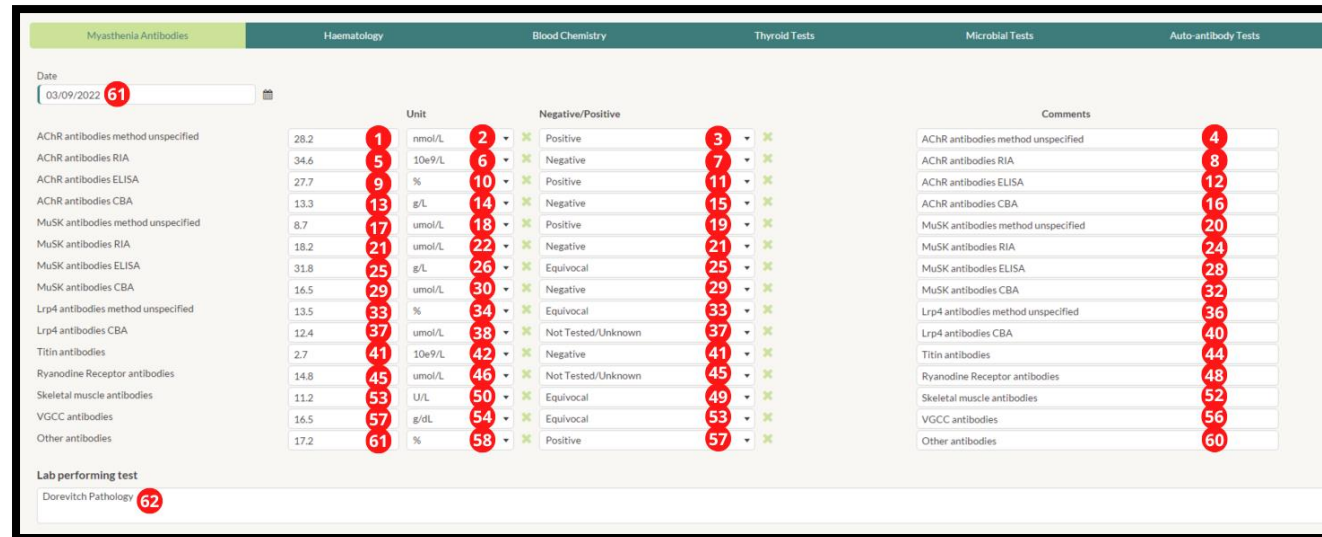
The Myasthenia Antibodies section, part of the broader Laboratory Tests, enables the user to enter data from exams and comment where the test value is abnormal.

28.2 Rules and Constraints

- Date of test field mandatory

28.3 Functions

- Add/Delete Lab test – You can add/delete Lab test details for a patient.
- Add/Delete Lab test Calendar Event – You can add/delete Calendar Event.



Myasthenia Antibodies	Haematology	Blood Chemistry	Thyroid Tests	Microbial Tests	Auto-antibody Tests
Date					
03/09/2022 61					
ACHR antibodies method unspecified	28.2 1	nmol/L 2	Positive 3		ACHR antibodies method unspecified 4
ACHR antibodies RIA	34.6 5	10e9/L 6	Negative 7		ACHR antibodies RIA 8
ACHR antibodies ELISA	27.7 9	% 10	Positive 11		ACHR antibodies ELISA 12
ACHR antibodies CBA	13.3 13	g/L 14	Negative 15		ACHR antibodies CBA 16
MuSK antibodies method unspecified	8.7 17	umol/L 18	Positive 19		MuSK antibodies method unspecified 20
MuSK antibodies RIA	18.2 21	umol/L 22	Negative 23		MuSK antibodies RIA 24
MuSK antibodies ELISA	31.8 25	g/L 26	Equivocal 27		MuSK antibodies ELISA 28
MuSK antibodies CBA	16.5 29	umol/L 30	Negative 31		MuSK antibodies CBA 32
Lrp4 antibodies method unspecified	13.5 33	% 34	Equivocal 35		Lrp4 antibodies method unspecified 36
Lrp4 antibodies CBA	12.4 37	umol/L 38	Not Tested/Unknown 39		Lrp4 antibodies CBA 40
Titin antibodies	2.7 41	10e9/L 42	Negative 43		Titin antibodies 44
Ryanodine Receptor antibodies	14.8 45	umol/L 46	Not Tested/Unknown 47		Ryanodine Receptor antibodies 48
Skeletal muscle antibodies	11.2 49	U/L 50	Equivocal 51		Skeletal muscle antibodies 52
VGCC antibodies	16.5 53	g/dL 54	Equivocal 55		VGCC antibodies 56
Other antibodies	17.2 57	% 58	Positive 59		Other antibodies 60
Lab performing test					
Dorevitch Pathology 62					

28.4 Laboratory Tests – Myasthenia Antibodies Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
28.01	AChR antibodies method unspecified count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.02	AChR antibodies method unspecified unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.03	AChR antibodies method unspecified Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.04	AChR antibodies method unspecified comments	String	100		Yes			N	
28.05	AChR antibodies RIA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.06	AChR antibodies RIA unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.07	AChR antibodies RIA Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.08	AChR antibodies RIA comments	String	100		Yes			N	
28.09	AChR antibodies ELISA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.10	AChR antibodies ELISA unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
28.11	AChR antibodies ELISA Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.12	AChR antibodies ELISA comments	String	100		Yes			N	
28.13	AChR antibodies CBA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.14	AChR antibodies CBA unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.15	AChR antibodies CBA Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.16	AChR antibodies CBA comments	String	100		Yes			N	
28.17	MuSK antibodies method unspecified count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.18	MuSK antibodies method unspecified unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.19	MuSK antibodies method unspecified Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.20	MuSK antibodies method unspecified comments	String	100		Yes			N	
28.21	MuSK antibodies RIA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.22	MuSK antibodies RIA unit	Select			Yes		Lookup Values from table LaboratoryTestUnit	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L		
28.23	MuSK antibodies RIA Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.24	MuSK antibodies RIA comments	String	100		Yes			N	
28.25	MuSK antibodies ELISA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.26	MuSK antibodies ELISA unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.27	MuSK antibodies ELISA Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.28	MuSK antibodies ELISA comments	String	100		Yes			N	
28.29	MuSK antibodies CBA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.30	MuSK antibodies CBA unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.31	MuSK antibodies CBA Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.32	MuSK antibodies CBA comments	String	100		Yes			N	
28.33	Lrp4 antibodies method unspecified count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
28.34	Lrp4 antibodies method unspecified unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.35	Lrp4 antibodies method unspecified Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.36	Lrp4 antibodies method unspecified comments	String	100		Yes			N	
28.37	Lrp4 antibodies CBA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.38	Lrp4 antibodies CBA unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.39	Lrp4 antibodies CBA Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.40	Lrp4 antibodies CBA comments	String	100		Yes			N	
28.41	Titin antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.42	Titin antibodies unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.43	Titin antibodies Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.44	Titin antibodies comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
28.45	Ryanodine Receptor antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.46	Ryanodine Receptor antibodies unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.47	Ryanodine Receptor antibodies Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.48	Ryanodine Receptor antibodies comments	String	100		Yes			N	
28.49	Skeletal muscle antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.50	Skeletal muscle antibodies unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.51	Skeletal muscle antibodies Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.52	Skeletal muscle antibodies comments	String	100		Yes			N	
28.53	VGCC antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.54	VGCC antibodies unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.55	VGCC antibodies Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
28.56	VGCC antibodies comments	String	100		Yes			N	
28.57	Other antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 6. See section below for database table information.
28.58	Other antibodies unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
28.59	Other antibodies Negative/Positive	Select			Yes		Negative; Positive; Equivocal; Not Tested/Unknown	Y	
28.60	Other antibodies comments	String	100		Yes			N	
28.61	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today
28.62	Lab performing test [LaboratoryTest.LabPerformingTest]	Memo [nvarchar]	500		Yes	Length		N	
Database Table Information									
	Test Name [LaboratoryTestMeasureResult.TypeId]	Label [uniqueidentifier]			No		Lookup Values from table LaboratoryTestType where Category = 6	Y	
	Value [LaboratoryTestMeasureResult.Value]	Number [decimal]		NNNNNN.NN	Yes	Format		Y	
	Unit [LaboratoryTestMeasureResult.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
	Result [LaboratoryTestMeasureResult.Result]	Number [int]			Yes		Normal: Negative[0]; Positive[1] Negative/Positive: Negative[0]; Positive[1]; Equivocal[2];	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Not Tested/Unknown[3] or Not Detected[0]; Detected[1] or Non Reactive[0]; Reactive[1] or Negative[0]; Positive[1]; Indeterminate[2] or No[0]; Yes[1]		
	Comments [LaboratoryTestMeasureResult.Comments]	String [nvarchar]	100		Yes	Length		N	
	[LaboratoryTestMeasureResult.Id]	Hidden [uniqueidentifier]			No			Y	
	[LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [uniqueidentifier]			No			Y	
	[FK__Laborator__Labor__035179CE, Relationship 1 to 1 LaboratoryTest.Id to LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [Relationship]							
	[FK__Laborator__TypeI__04459E07, Relationship 1 to Many LaboratoryTestType.Id to LaboratoryTestMeasureResult.TypeId]	Hidden [Relationship]							
	[FK__Laborator__UnitI__0539C240, Relationship 1 to Many LaboratoryTestUnit.Id to LaboratoryTestMeasureResult.UnitId]	Hidden [Relationship]							
	[FK__LaboratoryTe__Id__025D5595, Relationship 1 to 1 ParaclinicalTest.Id to LaboratoryTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

29. MEDICAL TESTS - Laboratory Tests – Haematology

29.1 Description

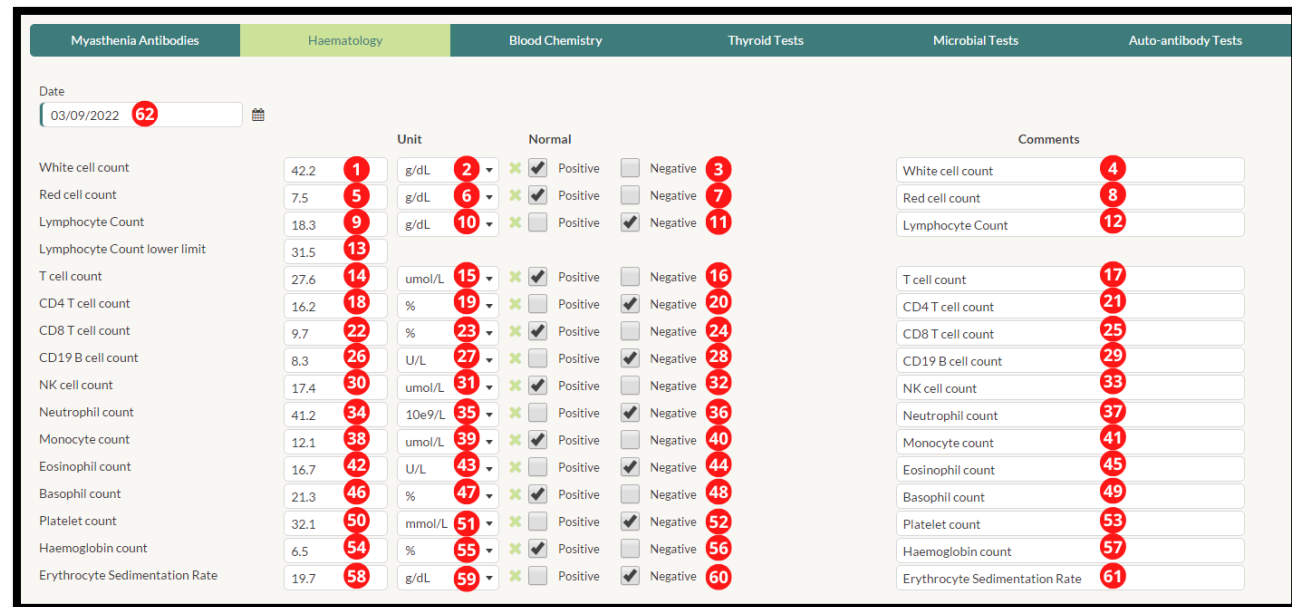
The haematology section, part of the broader Laboratory Tests, enables the user to enter data from exams and comment where the test value is abnormal.

29.2 Rules and Constraints

- Date of test field mandatory

29.3 Functions

- Add/Delete Lab test – You can add/delete Lab test details for a patient.
- Add/Delete Lab test Calendar Event – You can add/delete Calendar Event
- Once a Unit has been selected, that same Unit will be pre-filled for future tests of the same type, until the type is changed.



Test Name	Value	Unit	Normal	Status	Comments
White cell count	42.2	g/dL	Positive	Negative	White cell count
Red cell count	7.5	g/dL	Positive	Negative	Red cell count
Lymphocyte Count	18.3	g/dL	Positive	Negative	Lymphocyte Count
Lymphocyte Count lower limit	31.5				
T cell count	27.6	umol/L	Positive	Negative	T cell count
CD4 T cell count	16.2	%	Positive	Negative	CD4 T cell count
CD8 T cell count	9.7	%	Positive	Negative	CD8 T cell count
CD19 B cell count	8.3	U/L	Positive	Negative	CD19 B cell count
NK cell count	17.4	umol/L	Positive	Negative	NK cell count
Neutrophil count	41.2	10e9/L	Positive	Negative	Neutrophil count
Monocyte count	12.1	umol/L	Positive	Negative	Monocyte count
Eosinophil count	16.7	U/L	Positive	Negative	Eosinophil count
Basophil count	21.3	%	Positive	Negative	Basophil count
Platelet count	32.1	mmol/L	Positive	Negative	Platelet count
Haemoglobin count	6.5	%	Positive	Negative	Haemoglobin count
Erythrocyte Sedimentation Rate	19.7	g/dL	Positive	Negative	Erythrocyte Sedimentation Rate

29.4 Laboratory Tests – Haematology Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
29.01	White cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.02	White cell count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.03	White cell count normal	Checkbox			Yes		Positive; Negative	Y	
29.04	White cell count comments	String	100		Yes			N	
29.05	Red cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.06	Red cell count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.07	Red cell count normal	Checkbox			Yes		Positive; Negative	Y	
29.08	Red cell count comments	String	100		Yes			N	
29.09	Lymphocyte Count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.10	Lymphocyte Count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L		
29.11	Lymphocyte Count normal	Checkbox			Yes		Positive; Negative	Y	
29.12	Lymphocyte Count comments	String	100		Yes			N	
29.13	Lymphocyte Count lower limit	Number		NNNNNN.NN	Yes			Y	
29.14	T cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.15	T cell count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.16	T cell count normal	Checkbox			Yes		Positive; Negative	Y	
29.17	T cell count comments	String	100		Yes			N	
29.18	CD4 T cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.19	CD4 T cell count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.20	CD4 T cell count normal	Checkbox			Yes		Positive; Negative	Y	
29.21	CD4 T cell count comments	String	100		Yes			N	
29.22	CD8 T cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
									section below for database table information.
29.23	CD8 T cell count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.24	CD8 T cell count normal	Checkbox			Yes		Positive; Negative	Y	
29.25	CD8 T cell count comments	String	100		Yes			N	
29.26	CD19 B cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.27	CD19 B cell count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.28	CD19 B cell count normal	Checkbox			Yes		Positive; Negative	Y	
29.29	CD19 B cell count comments	String	100		Yes			N	
29.30	NK cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.31	NK cell count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.32	NK cell count normal	Checkbox			Yes		Positive; Negative	Y	
29.33	NK cell count comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
29.34	Neutrophil count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.35	Neutrophil count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.36	Neutrophil count normal	Checkbox			Yes		Positive; Negative	Y	
29.37	Neutrophil count comments	String	100		Yes			N	
29.38	Monocyte count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.39	Monocyte count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.40	Monocyte count normal	Checkbox			Yes		Positive; Negative	Y	
29.41	Monocyte count comments	String	100		Yes			N	
29.42	Eosinophil count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.43	Eosinophil count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.44	Eosinophil count normal	Checkbox			Yes		Positive; Negative	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
29.45	Eosinophil count comments	String	100		Yes			N	
29.46	Basophil count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.47	Basophil count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.48	Basophil count normal	Checkbox			Yes		Positive; Negative	Y	
29.49	Basophil count comments	String	100		Yes			N	
29.50	Platelet count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.51	Platelet count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.52	Platelet count normal	Checkbox			Yes		Positive; Negative	Y	
29.53	Platelet count comments	String	100		Yes			N	
29.54	Haemoglobin count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 0. See section below for database table information.
29.55	Haemoglobin count unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
29.56	Haemoglobin count normal	Checkbox			Yes		Positive; Negative	Y	
29.57	Haemoglobin count comments	String	100		Yes			N	
29.58	Erythrocyte Sedimentation Rate count	Number		NNNNNN.NN	Yes			Y	
29.59	Erythrocyte Sedimentation Rate unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
29.60	Erythrocyte Sedimentation Rate normal	Checkbox			Yes		Positive; Negative	Y	
29.61	Erythrocyte Sedimentation Rate comments	String	100		Yes			N	
29.62	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered $\geq$ Date of Birth and $\leq$ Today or Date of Death	Y	Defaults to Today
Database Table Information									
	Test Name [LaboratoryTestMeasureResult.TypeId]	Label [uniqueidentifier]			No		Lookup Values from table LaboratoryTestType where Category = 0	Y	
	Value [LaboratoryTestMeasureResult.Value]	Number [decimal]		NNNNNN.NN	Yes	Format		Y	
	Unit [LaboratoryTestMeasureResult.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
	Result [LaboratoryTestMeasureResult.Result]	Number [int]			Yes		Normal: Negative[0]; Positive[1] Negative/Positive: Negative[0]; Positive[1]; Equivocal[2]; Not Tested/Unknown[3] or Not Detected[0]; Detected[1] or Non Reactive[0]; Reactive[1] or Negative[0]; Positive[1];	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Indeterminate[2] or No[0]; Yes[1]		
	Comments [LaboratoryTestMeasureResult.Comments]	String [nvarchar]	100		Yes	Length		N	
	[LaboratoryTestMeasureResult.Id]	Hidden [uniqueidentifier]			No			Y	
	[LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [uniqueidentifier]			No			Y	
	[FK__Laborator__Labor__035179CE, Relationship 1 to 1 LaboratoryTest.Id to LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [Relationship]							
	[FK__Laborator__TypeI__04459E07, Relationship 1 to Many LaboratoryTestType.Id to LaboratoryTestMeasureResult.TypeId]	Hidden [Relationship]							
	[FK__Laborator__UnitI__0539C240, Relationship 1 to Many LaboratoryTestUnit.Id to LaboratoryTestMeasureResult.UnitId]	Hidden [Relationship]							
	[FK__LaboratoryTe__Id__025D5595, Relationship 1 to 1 ParaclinicalTest.Id to LaboratoryTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

30. MEDICAL TESTS - Laboratory Tests – Blood Chemistry

30.1 Description

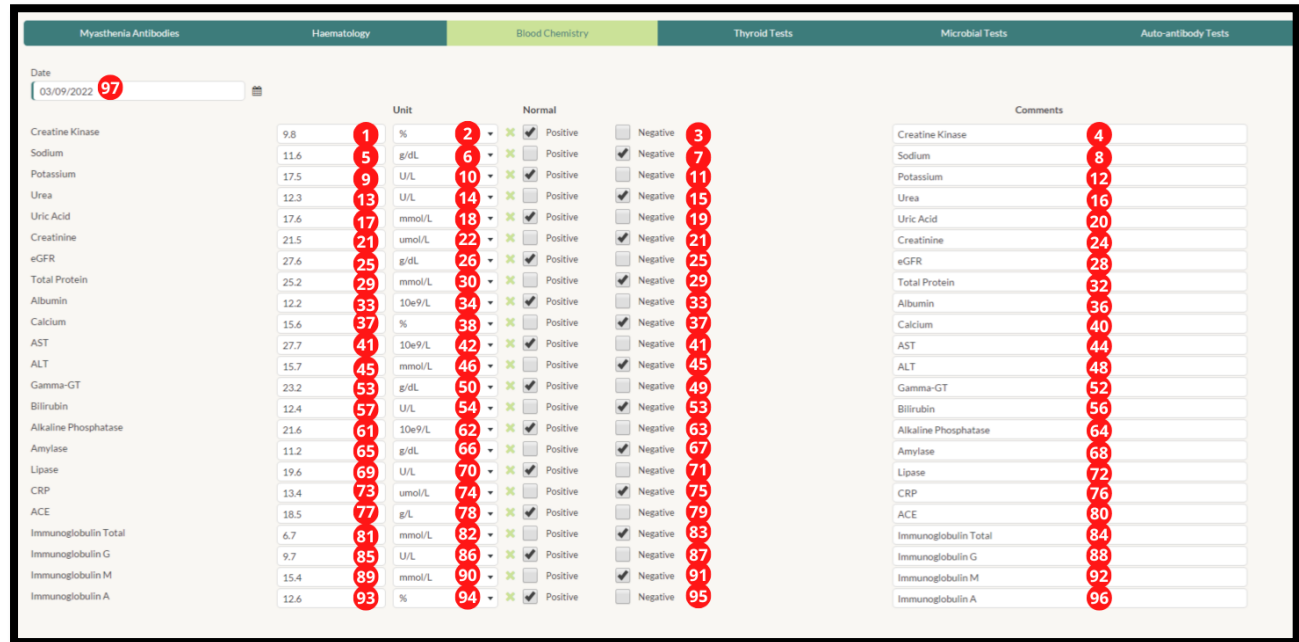
The Blood Chemistry section, part of the broader Laboratory Tests, enables the user to enter data from exams and comment where the test value is abnormal.

30.2 Rules and Constraints

- Date of test field mandatory

30.3 Functions

- Add/Delete Lab test – You can add/delete Lab test details for a patient.
- Add/Delete Lab test Calendar Event – You can add/delete Calendar Event.



Test Name	Value	Unit	Normal	Result
Creatine Kinase	9.8	%	2	Positive
Sodium	11.6	g/dL	6	Positive
Potassium	17.5	U/L	10	Positive
Urea	12.3	U/L	14	Positive
Uric Acid	17.6	mmol/L	18	Positive
Creatinine	21.5	umol/L	22	Positive
eGFR	27.6	g/dL	26	Positive
Total Protein	25.2	mmol/L	30	Positive
Albumin	12.2	10e9/L	34	Positive
Calcium	15.6	%	38	Positive
AST	27.7	10e9/L	42	Positive
ALT	15.7	mmol/L	46	Positive
Gamma-GT	23.2	g/dL	50	Positive
Bilirubin	12.4	U/L	54	Positive
Alkaline Phosphatase	21.6	10e9/L	62	Positive
Amylase	11.2	g/dL	66	Positive
Lipase	19.6	U/L	70	Positive
CRP	13.4	umol/L	74	Positive
ACE	18.5	g/L	78	Positive
Immunoglobulin Total	6.7	mmol/L	82	Positive
Immunoglobulin G	9.7	U/L	86	Positive
Immunoglobulin M	15.4	mmol/L	90	Positive
Immunoglobulin A	12.6	%	94	Positive

30.4 Laboratory Tests – Blood Chemistry Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.01	Creatine Kinase count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.02	Creatine Kinase unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.03	Creatine Kinase normal	Checkbox			Yes		Positive; Negative	Y	
30.04	Creatine Kinase comments	String	100		Yes			N	
30.05	Sodium count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.06	Sodium unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.07	Sodium normal	Checkbox			Yes		Positive; Negative	Y	
30.08	Sodium comments	String	100		Yes			N	
30.09	Potassium count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.10	Potassium unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.11	Potassium normal	Checkbox			Yes		Positive; Negative	Y	
30.12	Potassium comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.13	Urea count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.14	Urea unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.15	Urea normal	Checkbox			Yes		Positive; Negative	Y	
30.16	Urea comments	String	100		Yes			N	
30.17	Uric Acid count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.18	Uric Acid unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.19	Uric Acid normal	Checkbox			Yes		Positive; Negative	Y	
30.20	Uric Acid comments	String	100		Yes			N	
30.21	Creatinine count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.22	Creatinine unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.23	Creatinine normal	Checkbox			Yes		Positive; Negative	Y	
30.24	Creatinine comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.25	eGFR count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.26	eGFR unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.27	eGFR normal	Checkbox			Yes		Positive; Negative	Y	
30.28	eGFR comments	String	100		Yes			N	
30.29	Total Protein count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.30	Total Protein unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.31	Total Protein normal	Checkbox			Yes		Positive; Negative	Y	
30.32	Total Protein comments	String	100		Yes			N	
30.33	Albumin count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.34	Albumin unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.35	Albumin normal	Checkbox			Yes		Positive; Negative	Y	
30.36	Albumin comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.37	Calcium count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.38	Calcium unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.39	Calcium normal	Checkbox			Yes		Positive; Negative	Y	
30.40	Calcium comments	String	100		Yes			N	
30.41	AST count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.42	AST unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.43	AST normal	Checkbox			Yes		Positive; Negative	Y	
30.44	AST comments	String	100		Yes			N	
30.45	ALT count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.46	ALT unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.47	ALT normal	Checkbox			Yes		Positive; Negative	Y	
30.48	ALT comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.49	Gamma-GT count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.50	Gamma-GT unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.51	Gamma-GT normal	Checkbox			Yes		Positive; Negative	Y	
30.52	Gamma-GT comments	String	100		Yes			N	
30.53	Bilirubin count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.54	Bilirubin unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.55	Bilirubin normal	Checkbox			Yes		Positive; Negative	Y	
30.56	Bilirubin comments	String	100		Yes			N	
30.57	Alkaline Phosphatase count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.58	Alkaline Phosphatase unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.59	Alkaline Phosphatase normal	Checkbox			Yes		Positive; Negative	Y	
30.60	Alkaline Phosphatase comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.61	Amylase count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.62	Amylase unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.63	Amylase normal	Checkbox			Yes		Positive; Negative	Y	
30.64	Amylase comments	String	100		Yes			N	
30.65	Lipase count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.66	Lipase unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.67	Lipase normal	Checkbox			Yes		Positive; Negative	Y	
30.68	Lipase comments	String	100		Yes			N	
30.69	CRP count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.70	CRP unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.71	CRP normal	Checkbox			Yes		Positive; Negative	Y	
30.72	CRP comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.73	ACE count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.74	ACE unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.75	ACE normal	Checkbox			Yes		Positive; Negative	Y	
30.76	ACE comments	String	100		Yes			N	
30.77	Immunoglobulin Total count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.78	Immunoglobulin Total unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.79	Immunoglobulin Total normal	Checkbox			Yes		Positive; Negative	Y	
30.80	Immunoglobulin Total comments	String	100		Yes			N	
30.81	Immunoglobulin G count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.82	Immunoglobulin G unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.83	Immunoglobulin G normal	Checkbox			Yes		Positive; Negative	Y	
30.84	Immunoglobulin G comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
30.85	Immunoglobulin M count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.86	Immunoglobulin M unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.87	Immunoglobulin M normal	Checkbox			Yes		Positive; Negative	Y	
30.88	Immunoglobulin M comments	String	100		Yes			N	
30.89	Immunoglobulin A count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 1. See section below for database table information.
30.90	Immunoglobulin A unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
30.91	Immunoglobulin A normal	Select			Yes		Yes; No	Y	
30.92	Immunoglobulin A comments	String	100		Yes			N	
30.93	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today
<u>Database Table Information</u>									
	Test Name [LaboratoryTestMeasureResult.TypeId]	Label [uniqueidentifier]			No		Lookup Values from table LaboratoryTestType where Category = 1	Y	
	Value [LaboratoryTestMeasureResult.Value]	Number [decimal]		NNNNNN.NN	Yes	Format		Y	
	Unit [LaboratoryTestMeasureResult.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table LaboratoryTestUnit	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							?, %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L		
	Result [LaboratoryTestMeasureResult.Result]	Number [int]			Yes		Normal: Negative[0]; Positive[1] Negative/Positive: Negative[0]; Positive[1]; Equivocal[2]; Not Tested/Unknown[3] or Not Detected[0]; Detected[1] or Non Reactive[0]; Reactive[1] or Negative[0]; Positive[1]; Indeterminate[2] or No[0]; Yes[1]	Y	
	Comments [LaboratoryTestMeasureResult.Comments]	String [nvarchar]	100		Yes	Length		N	
	[LaboratoryTestMeasureResult.Id]	Hidden [uniqueidentifier]			No			Y	
	[LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [uniqueidentifier]			No			Y	
	[FK__Laborator__Labor__035179CE, Relationship 1 to 1 LaboratoryTest.Id to LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [Relationship]							
	[FK__Laborator__TypeI__04459E07, Relationship 1 to Many LaboratoryTestType.Id to LaboratoryTestMeasureResult.TypeId]	Hidden [Relationship]							
	[FK__Laborator__UnitI__0539C240, Relationship 1 to Many LaboratoryTestUnit.Id to LaboratoryTestMeasureResult.UnitId]	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[FK__LaboratoryTe__Id__025D5595, Relationship 1 to 1 ParaclinicalTest.Id to LaboratoryTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

31. MEDICAL TESTS - Laboratory Tests – Thyroid Function

31.1 Description

The Thyroid Function section, part of the broader Laboratory Tests, enables the user to enter data from exams and comment where the test value is abnormal.

31.2 Rules and Constraints

- Date of test field mandatory

31.3 Functions

- Add/Delete Lab test – You can add/delete Lab test details for a patient.
- Add/Delete Lab test Calendar Event – You can add/delete Calendar Event.

Myasthenia Antibodies	Haematology	Blood Chemistry	Thyroid Tests	Microbial Tests	Auto-antibody Tests	Others
Date 09/05/2008 25						
		Unit	Normal			Comments
TSH	12.6 1	% 2	☒ Positive ☐ Negative 3			TSH 4
T3	16.5 5	U/L 6	☐ Positive ☒ Negative 7			T3 8
T4	14.3 9	g/dL 10	☒ Positive ☐ Negative 11			T4 12
Anti-microsomal antibodies	18.8 13	umol/L 14	☐ Positive ☒ Negative 15			Anti-microsomal antibodies 16
Anti-thyroglobulin antibodies	19.2 17	10e9/L 18	☒ Positive ☐ Negative 19			Anti-thyroglobulin antibodies 20
TSH receptor antibody	16.4 21	mmol/L 22	☐ Positive ☒ Negative 23			TSH receptor antibody 24

31.4 Laboratory Tests – Thyroid Function Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
31.01	TSH count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 2. See section below for database table information.
31.02	TSH unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
31.03	TSH normal	Checkbox			Yes		Positive; Negative	Y	
31.04	TSH comments	String	100		Yes			N	
31.05	T3 count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 2. See section below for database table information.
31.06	T3 unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
31.07	T3 normal	Checkbox			Yes		Positive; Negative	Y	
31.08	T3 comments	String	100		Yes			N	
31.09	T4 count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 2. See section below for database table information.
31.10	T4 unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
31.11	T4 normal	Checkbox			Yes		Positive; Negative	Y	
31.12	T4 comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
31.13	Anti-microsomal antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 2. See section below for database table information.
31.14	Anti-microsomal antibodies unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
31.15	Anti-microsomal antibodies normal	Checkbox			Yes		Positive; Negative	Y	
31.16	Anti-microsomal antibodies comments	String	100		Yes			N	
31.17	Anti-thyroglobulin antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 2. See section below for database table information.
31.18	Anti-thyroglobulin antibodies unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
31.19	Anti-thyroglobulin antibodies normal	Checkbox			Yes		Positive; Negative	Y	
31.20	Anti-thyroglobulin antibodies comments	String	100		Yes			N	
31.21	TSH receptor antibody count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 2. See section below for database table information.
31.22	TSH receptor antibody unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
31.23	TSH receptor antibody normal	Checkbox			Yes		Positive; Negative	Y	
31.24	TSH receptor antibody comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
31.25	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today
Database Table Information									
	Test Name [LaboratoryTestMeasureResult.TypeId]	Label [uniqueidentifier]			No		Lookup Values from table LaboratoryTestType where Category = 2	Y	
	Value [LaboratoryTestMeasureResult.Value]	Number [decimal]		NNNNNN.NN	Yes	Format		Y	
	Unit [LaboratoryTestMeasureResult.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table LaboratoryTestUnit ?: %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
	Result [LaboratoryTestMeasureResult.Result]	Number [int]			Yes		Normal: Negative[0]; Positive[1] Negative/Positive: Negative[0]; Positive[1]; Equivocal[2]; Not Tested/Unknown[3] or Not Detected[0]; Detected[1] or Non Reactive[0]; Reactive[1] or Negative[0]; Positive[1]; Indeterminate[2] or No[0]; Yes[1]	Y	
	Comments [LaboratoryTestMeasureResult.Comments]	String [nvarchar]	100		Yes	Length		N	
	[LaboratoryTestMeasureResult.Id]	Hidden [uniqueidentifier]			No			Y	
	[LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [uniqueidentifier]			No			Y	
	[FK_Laborator__Labor__035179CE, Relationship 1 to 1 LaboratoryTest.Id to	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	LaboratoryTestMeasureResult.LaboratoryTestId]								
	[FK__Laborator__TypeI__04459E07, Relationship 1 to Many LaboratoryTestType.Id to LaboratoryTestMeasureResult.TypeId]	Hidden [Relationship]							
	[FK__Laborator__UnitI__0539C240, Relationship 1 to Many LaboratoryTestUnit.Id to LaboratoryTestMeasureResult.UnitId]	Hidden [Relationship]							
	[FK__LaboratoryTe__Id__025D5595, Relationship 1 to 1 ParaclinicalTest.Id to LaboratoryTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

32. MEDICAL TESTS - Laboratory Tests – Microbial Tests

32.1 Description

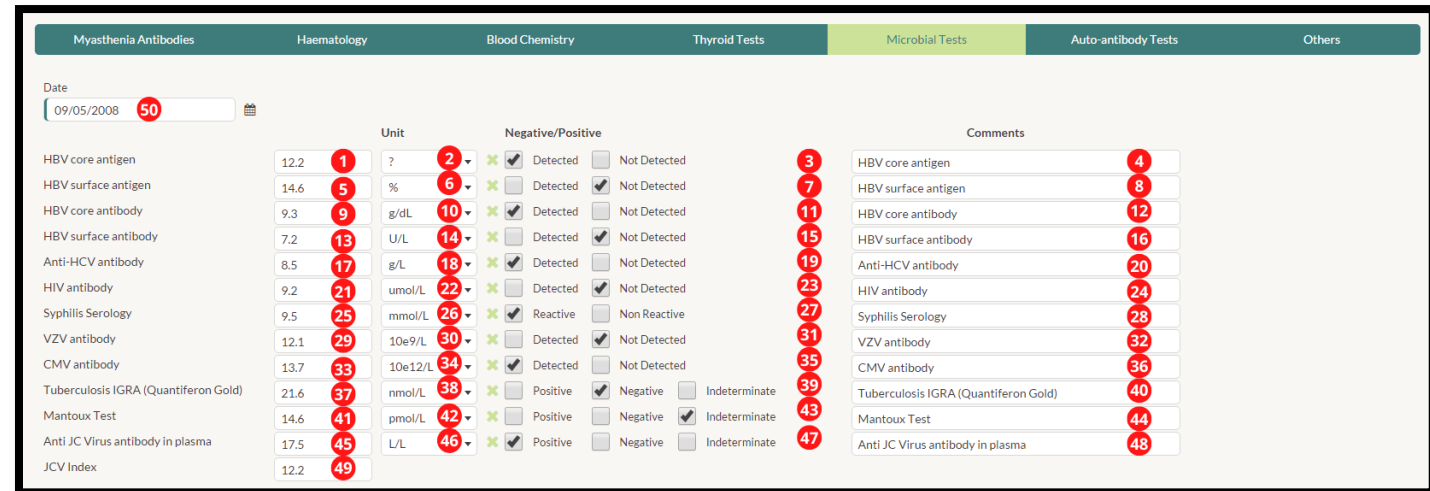
The Microbial Tests section, part of the broader Laboratory Tests, enables the user to enter data from exams and comment where the test value is abnormal.

32.2 Rules and Constraints

- Date of test field mandatory

32.3 Functions

- Add/Delete Lab test – You can add/delete Lab test details for a patient.
- Add/Delete Lab test Calendar Event – You can add/delete Calendar Event.



Test Name	Value	Unit	Negative/Positive	Comments
HBV core antigen	12.2	?	Detected	HBV core antigen
HBV surface antigen	14.6	%	Detected	HBV surface antigen
HBV core antibody	9.3	g/dL	Detected	HBV core antibody
HBV surface antibody	7.2	U/L	Detected	HBV surface antibody
Anti-HCV antibody	8.5	g/L	Detected	Anti-HCV antibody
HIV antibody	9.2	umol/L	Detected	HIV antibody
Syphilis Serology	9.5	mmol/L	Reactive	Syphilis Serology
VZV antibody	12.1	10e9/L	Detected	VZV antibody
CMV antibody	13.7	10e12/L	Detected	CMV antibody
Tuberculosis IGRA (Quantiferon Gold)	21.6	nmol/L	Positive	Tuberculosis IGRA (Quantiferon Gold)
Mantoux Test	14.6	pmol/L	Positive	Mantoux Test
Anti JC Virus antibody in plasma	17.5	L/L	Positive	Anti JC Virus antibody in plasma
JCV Index	12.2			

32.4 Laboratory Tests – Microbial Tests Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
32.01	HBV core antigen count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 3. See section below for database table information.
32.02	HBV core antigen Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.03	HBV core antigen Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.04	HBV core antigen Comments	String	100		Yes			N	
32.05	HBV surface antigen count	Number		NNNNNN.NN	Yes			Y	
32.06	HBV surface antigen Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.07	HBV surface antigen Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.08	HBV surface antigen Comments	String	100		Yes			N	
32.09	HBV core antibody count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 3. See section below for database table information.
32.10	HBV core antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.11	HBV core antibody Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.12	HBV core antibody Comments	String	100		Yes			N	
32.13	HBV surface antibody count	Number		NNNNNN.NN	Yes			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
32.14	HBV surface antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.15	HBV surface antibody Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.16	HBV surface antibody Comments	String	100		Yes			N	
32.17	Anti HCV antibody count	Number		NNNNNN.NN	Yes			Y	
32.18	Anti HCV antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.19	Anti HCV antibody Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.20	Anti HCV antibody Comments	String	100		Yes			N	
32.21	HIV antibody count	Number		NNNNNN.NN	Yes			Y	
32.22	HIV antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.23	HIV antibody Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.24	HIV antibody Comments	String	100		Yes			N	
32.25	Syphilis Serology count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 3. See section below for database table information.
32.26	Syphilis Serology Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.27	Syphilis Serology Negative/Positive	Checkbox			Yes		Reactive; Not Reactive	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
32.28	Syphilis Serology comments	String	100		Yes			N	
32.29	VZV antibody count	Number		NNNNNN.NN	Yes			Y	
32.30	VZV antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.31	VZV antibody Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.32	VZV antibody Comments	String	100		Yes			N	
32.33	CMV antibody count	Number		NNNNNN.NN	Yes			Y	
32.34	CMV antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.35	CMV antibody Negative/Positive	Checkbox			Yes		Detected; Not Detected	Y	
32.36	CMV antibody Comments	String	100		Yes			N	
32.37	Tuberculosis IGRA (Quantiferon Gold) count	Number		NNNNNN.NN	Yes			Y	
32.38	Tuberculosis IGRA (Quantiferon Gold) Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.39	Tuberculosis IGRA (Quantiferon Gold) Negative/Positive	Checkbox			Yes		Positive; Negative; Indeterminate	Y	
32.40	Tuberculosis IGRA (Quantiferon Gold) Comments	String	100		Yes			N	
32.41	Mantoux Test count	Number		NNNNNN.NN	Yes			Y	
32.42	Mantoux Test Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L		
32.43	Mantoux Test Negative/Positive	Checkbox			Yes		Positive; Negative; Indeterminate	Y	
32.44	Mantoux Test Comments	String	100		Yes			N	
32.45	Anti JC Virus antibody in plasma count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 3. See section below for database table information.
32.46	Anti JC Virus antibody in plasma Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
32.47	Anti JC Virus antibody in plasma Negative/Positive	Checkbox			Yes		Positive; Negative; Indeterminate	Y	
32.48	Anti JC Virus antibody in plasma Comments	String	100		Yes			N	
32.49	JCV Index count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 3. See section below for database table information.
32.50	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today
Database Table Information									
	Test Name [LaboratoryTestMeasureResult.TypeId]	Label [uniqueidentifier]			No		Lookup Values from table LaboratoryTestType where Category = 3	Y	
	Value [LaboratoryTestMeasureResult.Value]	Number [decimal]		NNNNNN.NN	Yes	Format		Y	
	Unit [LaboratoryTestMeasureResult.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	Result [LaboratoryTestMeasureResult.Result]	Number [int]			Yes		Normal: Negative[0]; Positive[1] Negative/Positive: Negative[0]; Positive[1]; Equivocal[2]; Not Tested/Unknown[3] or Not Detected[0]; Detected[1] or Non Reactive[0]; Reactive[1] or Negative[0]; Positive[1]; Indeterminate[2] or No[0]; Yes[1]	Y	
	Comments [LaboratoryTestMeasureResult.Comments]	String [nvarchar]	100		Yes	Length		N	
	[LaboratoryTestMeasureResult.Id]	Hidden [uniqueidentifier]			No			Y	
	[LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [uniqueidentifier]			No			Y	
	[FK__Laborator__Labor__035179CE, Relationship 1 to 1 LaboratoryTest.Id to LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [Relationship]							
	[FK__Laborator__TypeI__04459E07, Relationship 1 to Many LaboratoryTestType.Id to LaboratoryTestMeasureResult.TypeId]	Hidden [Relationship]							
	[FK__Laborator__UnitI__0539C240, Relationship 1 to Many LaboratoryTestUnit.Id to LaboratoryTestMeasureResult.UnitId]	Hidden [Relationship]							
	[FK__LaboratoryTe__Id__025D5595, Relationship 1 to 1 ParaclinicalTest.Id to LaboratoryTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

33. MEDICAL TESTS - Laboratory Tests – Auto-antibody Tests

33.1 Description

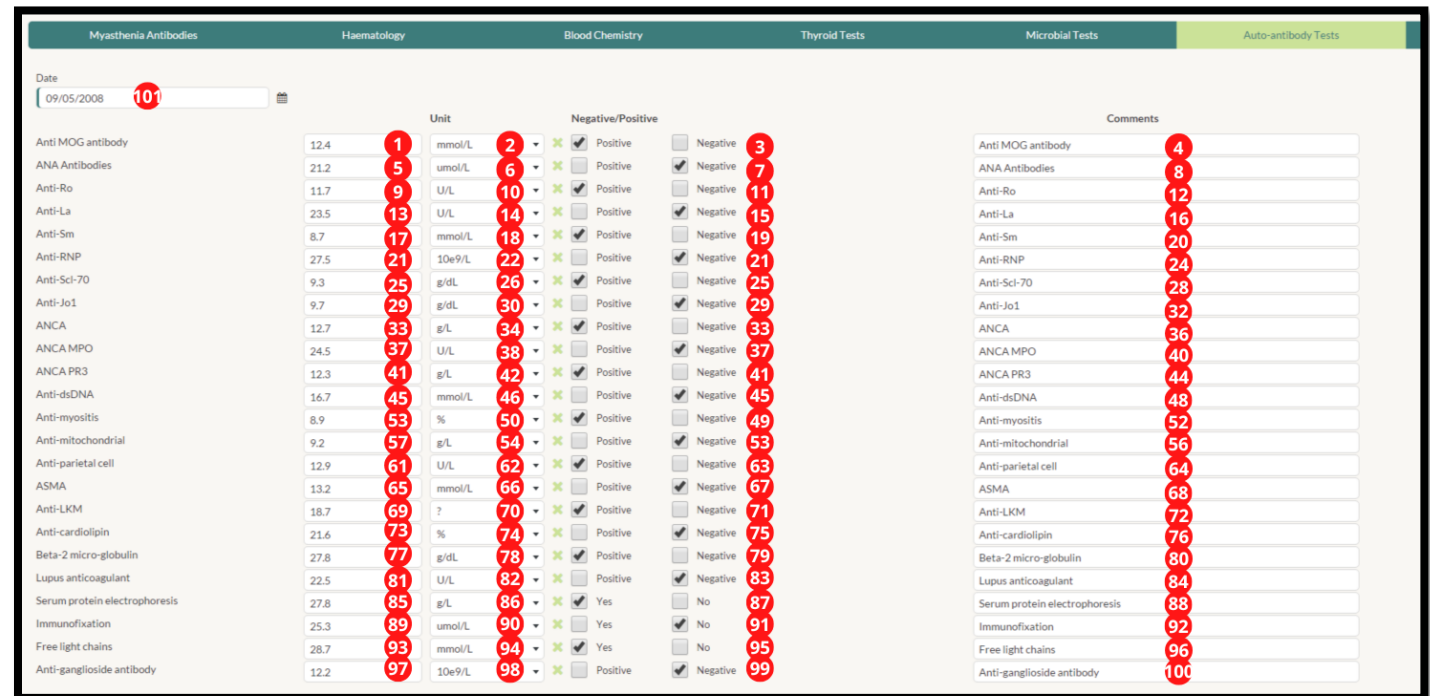
The Auto-antibody tests section, part of the broader Laboratory Tests, enables the user to enter data from exams and comment where the test value is abnormal.

33.2 Rules and Constraints

- Date of test field mandatory

33.3 Functions

- Add/Delete Lab test – You can add/delete Lab test details for a patient.
- Add/Delete Lab test Calendar Event – You can add/delete Calendar Event



Myasthenia Antibodies	Haematology	Blood Chemistry	Thyroid Tests	Microbial Tests	Auto-antibody Tests
Date: 09/05/2008					
Anti-MOG antibody	12.4	mmol/L	Positive	Negative	Anti-MOG antibody
ANA Antibodies	21.2	umol/L	Positive	Negative	ANA Antibodies
Anti-Ro	11.7	U/L	Positive	Negative	Anti-Ro
Anti-La	23.5	U/L	Positive	Negative	Anti-La
Anti-Sm	8.7	mmol/L	Positive	Negative	Anti-Sm
Anti-RNP	27.5	10e9/L	Positive	Negative	Anti-RNP
Anti-Sci-70	9.3	g/dL	Positive	Negative	Anti-Sci-70
Anti-Jo1	9.7	g/dL	Positive	Negative	Anti-Jo1
ANCA	12.7	g/L	Positive	Negative	ANCA
ANCA MPO	24.5	U/L	Positive	Negative	ANCA MPO
ANCA PR3	12.3	g/L	Positive	Negative	ANCA PR3
Anti-dsDNA	16.7	mmol/L	Positive	Negative	Anti-dsDNA
Anti-myositis	8.9	%	Positive	Negative	Anti-myositis
Anti-mitochondrial	9.2	g/L	Positive	Negative	Anti-mitochondrial
Anti-parietal cell	12.9	U/L	Positive	Negative	Anti-parietal cell
ASMA	13.2	mmol/L	Positive	Negative	ASMA
Anti-LKM	18.7	?	Positive	Negative	Anti-LKM
Anti-cardiolipin	21.6	%	Positive	Negative	Anti-cardiolipin
Beta-2 micro-globulin	27.8	g/dL	Positive	Negative	Beta-2 micro-globulin
Lupus anticoagulant	22.5	U/L	Positive	Negative	Lupus anticoagulant
Serum protein electrophoresis	27.8	g/L	Yes	No	Serum protein electrophoresis
Immunofixation	25.3	umol/L	Yes	No	Immunofixation
Free light chains	28.7	mmol/L	Yes	No	Free light chains
Anti-ganglioside antibody	12.2	10e9/L	Positive	Negative	Anti-ganglioside antibody

33.4 Laboratory Tests – Auto-antibody Test Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.01	Anti-MOG antibody count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.02	Anti-MOG antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.03	Anti-MOG antibody Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.04	Anti-MOG antibody Comments	String	100		Yes			N	
33.05	ANA Antibodies count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.06	ANA Antibodies Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.07	ANA Antibodies Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.08	ANA Antibodies Comments	String	100		Yes			N	
33.09	Anti-Ro count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.10	Anti-Ro Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.11	Anti-Ro Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.12	Anti-Ro Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.13	Anti-La count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.14	Anti-La Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.15	Anti-La Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.16	Anti-La Comments	String	100		Yes			N	
33.17	Anti-Sm count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.18	Anti-Sm Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.19	Anti-Sm Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.20	Anti-Sm Comments	String	100		Yes			N	
33.21	Anti-RNP count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.22	Anti-RNP Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.23	Anti-RNP Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.24	Anti-RNP Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.25	Anti-ScI-70 count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.26	Anti-ScI-70 Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.27	Anti-ScI-70 Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.28	Anti-ScI-70 Comments	String	100		Yes			N	
33.29	Anti-Jo1 count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.30	Anti-Jo1 Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.31	Anti-Jo1 Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.32	Anti-Jo1 Comments	String	100		Yes			N	
33.33	ANCA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.34	ANCA Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.35	ANCA Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.36	ANCA Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.37	ANCA MPO count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.38	ANCA MPO Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.39	ANCA MPO Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.40	ANCA MPO Comments	String	100		Yes			N	
33.41	ANCA PR3 count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.42	ANCA PR3 Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.43	ANCA PR3 Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.44	ANCA PR3 Comments	String	100		Yes			N	
33.45	Anti-dsDNA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.46	Anti-dsDNA Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.47	Anti-dsDNA Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.48	Anti-dsDNA Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.49	Anti-myositis count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.50	Anti-myositis Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.51	Anti-myositis Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.52	Anti-myositis Comments	String	100		Yes			N	
33.53	Anti-mitochondrial count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.54	Anti-mitochondrial Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.55	Anti-mitochondrial Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.56	Anti-mitochondrial Comments	String	100		Yes			N	
33.57	Anti parietal cell count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.58	Anti parietal cell Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.59	Anti parietal cell Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.60	Anti parietal cell Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.61	ASMA count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.62	ASMA Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.63	ASMA Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.64	ASMA Comments	String	100		Yes			N	
33.65	Anti-LKM count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.66	Anti-LKM Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.67	Anti-LKM Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.68	Anti-LKM Comments	String	100		Yes			N	
33.69	Anti-cardiolipin count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.70	Anti-cardiolipin Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.71	Anti-cardiolipin Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.72	Anti-cardiolipin Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.73	Beta-2 micro-globulin count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.74	Beta-2 micro-globulin Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.75	Beta-2 micro-globulin Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.76	Beta-2 micro-globulin Comments	String	100		Yes			N	
33.77	Lupus anticoagulant count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.78	Lupus anticoagulant Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.79	Lupus anticoagulant Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.80	Lupus anticoagulant Comments	String	100		Yes			N	
33.81	Serum protein electrophoresis count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.82	Serum protein electrophoresis Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.83	Serum protein electrophoresis Negative/Positive	Checkbox			Yes		Yes; No	Y	
33.84	Serum protein electrophoresis Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.85	Immunofixation count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.86	Immunofixation Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.87	Immunofixation Negative/Positive	Checkbox			Yes		Yes; No	Y	
33.88	Immunofixation Comments	String	100		Yes			N	
33.89	Free light chains count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.90	Free light chains Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.91	Free light chains Negative/Positive	Checkbox			Yes		Yes; No	Y	
33.92	Free light chains Comments	String	100		Yes			N	
33.93	Anti-ganglioside antibody count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 4. See section below for database table information.
33.94	Anti-ganglioside antibody Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
33.95	Anti-ganglioside antibody Negative/Positive	Checkbox			Yes		Positive; Negative	Y	
33.96	Anti-ganglioside antibody Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
33.97	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today
Database Table Information									
	Test Name [LaboratoryTestMeasureResult.TypeId]	Label [uniqueidentifier]			No		Lookup Values from table LaboratoryTestType where Category = 4	Y	
	Value [LaboratoryTestMeasureResult.Value]	Number [decimal]		NNNNNN.NN	Yes	Format		Y	
	Unit [LaboratoryTestMeasureResult.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
	Result [LaboratoryTestMeasureResult.Result]	Number [int]			Yes		Normal: Negative[0]; Positive[1] Negative/Positive: Negative[0]; Positive[1]; Equivocal[2]; Not Tested/Unknown[3] or Not Detected[0]; Detected[1] or Non Reactive[0]; Reactive[1] or Negative[0]; Positive[1]; Indeterminate[2] or No[0]; Yes[1]	Y	
	Comments [LaboratoryTestMeasureResult.Comments]	String [nvarchar]	100		Yes	Length		N	
	[LaboratoryTestMeasureResult.Id]	Hidden [uniqueidentifier]			No			Y	
	[LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [uniqueidentifier]			No			Y	
	[FK__Laborator__Labor__035179CE, Relationship 1 to 1]	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	LaboratoryTest.Id to LaboratoryTestMeasureResult.LaboratoryTestId]								
	[FK__Laborator__TypeI__04459E07, Relationship 1 to Many LaboratoryTestType.Id to LaboratoryTestMeasureResult.TypeId]	Hidden [Relationship]							
	[FK__Laborator__UnitI__0539C240, Relationship 1 to Many LaboratoryTestUnit.Id to LaboratoryTestMeasureResult.UnitId]	Hidden [Relationship]							
	[FK__LaboratoryTe__Id__025D5595, Relationship 1 to 1 ParaclinicalTest.Id to LaboratoryTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

34. MEDICAL TESTS - Laboratory Tests – Other Tests

34.1 Description

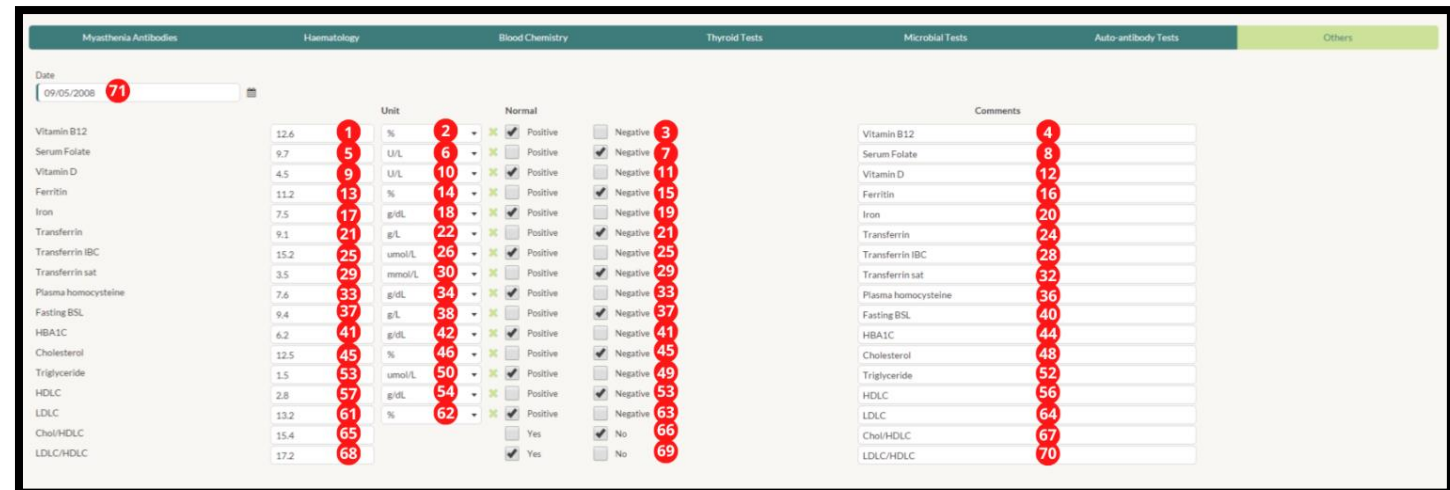
The Others section, part of the broader Laboratory Tests, enables the user to enter data from exams and comment where the test value is abnormal.

34.2 Rules and Constraints

- Date of test field mandatory

34.3 Functions

- Add/Delete Lab test – You can add/delete Lab test details for a patient.
- Add/Delete Lab test Calendar Event – You can add/delete Calendar Event



Test Name	Value	Unit	Normal Range	Status
Vitamin B12	12.6	%	Positive	Negative
Serum Folate	9.7	U/L	Positive	Negative
Vitamin D	4.5	U/L	Positive	Negative
Ferritin	11.2	%	Positive	Negative
Iron	7.5	g/dL	Positive	Negative
Transferrin	9.1	g/L	Positive	Negative
Transferrin IBC	15.2	umol/L	Positive	Negative
Transferrin sat	3.5	mmol/L	Positive	Negative
Plasma homocysteine	7.6	g/dL	Positive	Negative
Fasting BSL	9.4	g/dL	Positive	Negative
HBA1C	6.2	g/dL	Positive	Negative
Cholesterol	12.5	%	Positive	Negative
Triglyceride	1.5	umol/L	Positive	Negative
HDLc	2.8	g/dL	Positive	Negative
LDLc	13.2	%	Positive	Negative
Chol/HDLc	15.4		Yes	No
LDLc/HDLc	17.2		Yes	No

34.4 Laboratory Tests – Others Test Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
34.01	Vitamin B12 count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.02	Vitamin B12 Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.03	Vitamin B12 Normal	Select			Yes		Negative; Positive	Y	
34.04	Vitamin B12 Comments	String	100		Yes			N	
34.05	Serum Folate count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.06	Serum Folate Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.07	Serum Folate Normal	Select			Yes		Negative; Positive	Y	
34.08	Serum Folate Comments	String	100		Yes			N	
34.09	Vitamin D count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.10	Vitamin D Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.11	Vitamin D Normal	Select			Yes		Negative; Positive	Y	
34.12	Vitamin D Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
34.13	Ferritin count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.14	Ferritin Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.15	Ferritin Normal	Select			Yes		Negative; Positive	Y	
34.16	Ferritin Comments	String	100		Yes			N	
34.17	Iron count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.18	Iron Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.19	Iron Normal	Select			Yes		Negative; Positive	Y	
34.20	Iron Comments	String	100		Yes			N	
34.21	Transferrin count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.22	Transferrin Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.23	Transferrin Normal	Select			Yes		Negative; Positive	Y	
34.24	Transferrin Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
34.25	Transferrin IBC count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.26	Transferrin IBC Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.27	Transferrin IBC Normal	Select			Yes		Negative; Positive	Y	
34.28	Transferrin IBC Comments	String	100		Yes			N	
34.29	Transferrin sat count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.30	Transferrin sat Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.31	Transferrin sat Normal	Select			Yes		Negative; Positive	Y	
34.32	Transferrin sat Comments	String	100		Yes			N	
34.33	Plasma homocysteine count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.34	Plasma homocysteine Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.35	Plasma homocysteine Normal	Select			Yes		Negative; Positive	Y	
34.36	Plasma homocysteine Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
34.37	Fasting BSL count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.38	Fasting BSL Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.39	Fasting BSL Normal	Select			Yes		Negative; Positive	Y	
34.40	Fasting BSL Comments	String	100		Yes			N	
34.41	HBA1C count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.42	HBA1C Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.43	HBA1C Normal	Select			Yes		Negative; Positive	Y	
34.44	HBA1C Comments	String	100		Yes			N	
34.45	Cholesterol count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.46	Cholesterol Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.47	Cholesterol Normal	Select			Yes		Negative; Positive	Y	
34.48	Cholesterol Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
34.49	Triglyceride count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.50	Triglyceride Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.51	Triglyceride Normal	Select			Yes		Negative; Positive	Y	
34.52	Triglyceride Comments	String	100		Yes			N	
34.53	HDLC count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.54	HDLC Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.55	HDLC Normal	Select			Yes		Negative; Positive	Y	
34.56	HDLC Comments	String	100		Yes			N	
34.57	LDLC count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.58	LDLC Unit	Select			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
34.59	LDLC Normal	Select			Yes		Negative; Positive	Y	
34.60	LDLC Comments	String	100		Yes			N	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
34.61	Chol/HDLC count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.62	Chol/HDLC Normal	Select			Yes		Yes; No	Y	
34.63	Chol/HDLC Comments	String	100		Yes			N	
34.64	LDLC/HDLC count	Number		NNNNNN.NN	Yes			Y	Presented on screen where table LaboratoryTestType Category = 5. See section below for database table information.
34.65	LDLC/HDLC Normal	Select			Yes		Yes; No	Y	
34.66	LDLC/HDLC Comments	String	100		Yes			N	
34.67	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today
Database Table Information									
	Test Name [LaboratoryTestMeasureResult.TypeId]	Label [uniqueidentifier]			No		Lookup Values from table LaboratoryTestType where Category = 5	Y	
	Value [LaboratoryTestMeasureResult.Value]	Number [decimal]		NNNNNN.NN	Yes	Format		Y	
	Unit [LaboratoryTestMeasureResult.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table LaboratoryTestUnit ?; %; g/dL; U/L; g/L; umol/L; mmol/L; 10e9/L; 10e12/L; nmol/L; pmol/L; L/L	Y	
	Result [LaboratoryTestMeasureResult.Result]	Number [int]			Yes		Normal: Negative[0]; Positive[1] Negative/Positive: Negative[0]; Positive[1]; Equivocal[2]; Not Tested/Unknown[3] or Not Detected[0]; Detected[1] or Non Reactive[0]; Reactive[1] or	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Negative[0]; Positive[1]; Indeterminate[2] or No[0]; Yes[1]		
	Comments [LaboratoryTestMeasureResult.Comments]	String [nvarchar]	100		Yes	Length		N	
	[LaboratoryTestMeasureResult.Id]	Hidden [uniqueidentifier]			No			Y	
	[LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [uniqueidentifier]			No			Y	
	[FK__Laborator__Labor__035179CE, Relationship 1 to 1 LaboratoryTest.Id to LaboratoryTestMeasureResult.LaboratoryTestId]	Hidden [Relationship]							
	[FK__Laborator__TypeI__04459E07, Relationship 1 to Many LaboratoryTestType.Id to LaboratoryTestMeasureResult.TypeId]	Hidden [Relationship]							
	[FK__Laborator__UnitI__0539C240, Relationship 1 to Many LaboratoryTestUnit.Id to LaboratoryTestMeasureResult.UnitId]	Hidden [Relationship]							
	[FK__LaboratoryTe__Id__025D5595, Relationship 1 to 1 ParaclinicalTest.Id to LaboratoryTest.Id]	Hidden [Relationship]							

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title

35. MEDICAL TESTS - Flexifields

35.1 Description

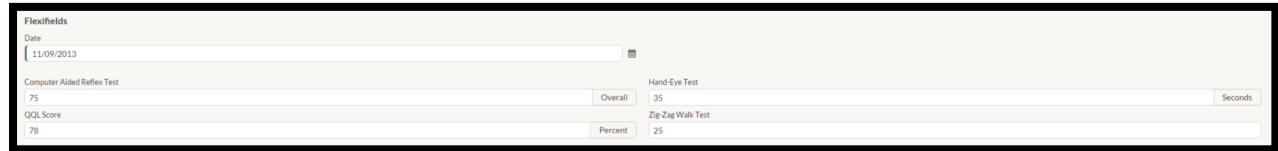
User specified Flexifields for Medical Tests are in this section.

35.2 Rules and Constraints

- Flexifields must be specified in the Preferences.

35.3 Functions

- Enter/Delete Data – You can enter/delete Flexifield data.



The screenshot shows the 'Flexifields' form in the MGBase software. It includes a 'Date' field with the value '11/09/2013'. Below this, there are two main sections for data entry. The left section is titled 'Computer Aided Reflex Test' and contains a table with two rows: '75' and '78'. The right section is titled 'Hand-Eye Test' and contains a table with two rows: '35' and '25'. The tables have columns for 'Overall' and 'Percent'.

Computer Aided Reflex Test		Hand-Eye Test	
	Overall		Seconds
75		35	
78		25	

35.4 Medical Test Flexifield Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	Date [ParaclinicalTest.DateOfTest]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered $\geq$ Date of Birth and $\leq$ Today or Date of Death		Defaults to Today
	FlexiField Name [FlexiField.Name]	Field Label						N	
	FlexiField Value [ParaclinicalTestFlexiField.Value]	String [nvarchar]	1000		Yes		Allowed values will depend on the type of flexifield. Dropdown lists comes from [FlexiFieldOption.Value]	N	
	[ParaclinicalTestFlexiField.FieldId]	Hidden [uniqueidentifier]			No			N	
	[ParaclinicalTestFlexiField.Id]	Hidden [uniqueidentifier]			No			N	
	[ParaclinicalTestFlexiField.ParaclinicalTestId]	Hidden [uniqueidentifier]			No			N	
	[ParaclinicalTestFlexiField.CreatedById]	Hidden [uniqueidentifier]			No			N	
	[ParaclinicalTestFlexiField.CreatedUtcDate]	Hidden [datetime]			No			N	
	[ParaclinicalTestFlexiField.ModifiedById]	Hidden [uniqueidentifier]			No			N	
	[ParaclinicalTestFlexiField.ModifiedUtcDate]	Hidden [datetime]			No			N	
	[ParaclinicalTestFlexiField.RowVersion]	Hidden [bigint]			Yes			N	
	[FlexiFieldParaclinicalTest.Id]	Hidden [uniqueidentifier]			No			N	

Notes:

- Type of Medical Test is stored in Table ParaclinicalTest, fields Type and Title
- Table ParaclinicalTestFlexiField contains the value that is entered for flexifields from the Medical Tests Flexifields screen in MDS
- Table FlexiField contains the definition of the flexifields, i.e. Name and Data Type
- Table FlexiFieldOptions contains the values defined for flexifields where type is a dropdown

36. TREATMENTS - Disease Modifying Treatments

36.1 Description

This section identifies Disease Specific treatments

36.3 Functions

- Add/Remove MG Specific Treatment – User can add treatment, modify data, and delete treatment.



The screenshot shows a form for entering treatment data. At the top, there's a dropdown for 'Disease modifying treatment' with 'Tecfidera (240mg)' selected. Below this are fields for 'Starting on' (10/09/2010), 'Ending on' (10/09/2014), 'Dose' (240), 'Unit' (mg), 'Period' (2/D), and 'Route' (ORAL). There's also a 'Reason for discontinuation' dropdown with 'Scheduled Stop' selected. At the bottom, there's a 'Remarks' field with the text 'Good reaction to Tecfidera'.

36.2 Rules and Constraints

- MG Treatment must be present in the list of MG Specific Treatments. Dose, unit, period may be populated with default values and may be modified.
- Concurrent MG Specific Treatments are possible, but where concurrent treatments are initiated MDS will attempt to close the existing treatment at the start date of the new treatment. MDS will prompt and ask whether you wish to continue the ongoing DMT
- Changing the dosage of an ongoing MG Specific Treatment will be met with a confirmation prompt from MDS. In the instance where it is a valid change (for example an error) then you can ignore the prompt. Where it is a change to dosage, MDS will automatically end the existing treatment and start a new treatment with the new dosage.
- If a Corticosteroid Treatment is selected, there is now an option to create a variable dosing schedule. When Yes is selected, the Add Dose Line button will become visible when the first treatment has an end date and there must be more than 1 dose line entered.
- The start date of the next treatment is always prepopulated with the previous treatment end date + 1 day.
- A zero-dose line is permissible to indicate that the patient is not receiving treatment during the selected period.
- An alert will be displayed if there is a gap in the dosing schedule and will result in a zero-dose line being added after saving.

36.4 Disease Specific Treatment Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
36.01	Disease modifying treatment [DMTreatment.TreatmentTypeId]	Dropdown [uniqueidentifier]			No	Mandatory	Lookup values from table TreatmentType Please refer to the tab for the Table in the Db Schema file to see the selection options (and associated ids) available for this field. List is filtered based on field IsDmt = 1	Y	
36.02	Is this treatment a variable dosing corticosteroid schedule	Radio					Yes; No Defaults to No	Y	Becomes visible when TreatmentType.IsCorticoSteroidScheduledSupported = 1: True where Treatment has child treatments
36.03	Starting on [Treatment.StartDate]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today When dosing schedule, next dose line starting on date defaults to previous dose line ending on date plus 1 day.
36.04	Ending on [Treatment.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered ≥ Starting on date	Y	
36.05	Dose [PosologyTreatment.Dose]	Number [decimal]			Yes	Mandatory		Y	
36.06	Unit [PosologyTreatment.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table UnitType Other; mcg; mg; MIU; ml; g; MU; mg/kg; mg/m2; Episodes	Y	
36.07	Period [PosologyTreatment.PeriodId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table PeriodType Other; 2 / Week; / Week; 2 / Day; 3 / Week; / 3 Hour; / 2 Hour; 3 / Day; / 3 Days; / 2 Days; / Hour; /	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Day; / 4 Hour; 4 / Day; / Month; / 3 Month; / 4 Week; / 5 Weeks; / 6 Weeks; / 7 Weeks; / 8 Weeks; Single Dose; Daily for 5 days; Daily for 3 days; / 2 Weeks; / 6 Month; / 3 Weeks; 5 Day Course; 5 Day Course (Week 1 and Week 5); Variable, up to 8x/d; Daily or bd; Up to qid; Up to tds; Daily through to every 8 weeks; Weekly - every 4 weeks; Daily - bd; Bd; Monthly; Daily; Single episodes; over 1 day; over 2 days; over 3 days; over 4 days; over 5 days		
36.08	Route [PosologyTreatment.RouteId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table RouteType SC; OTHER; IV; ORAL; IM; ORAL LIQUID; PO	Y	
36.09	Reason for discontinuation [PosologyTreatment.ReasonForDiscontinuation]	Dropdown [nvarchar]	100		Yes		Scheduled Stop; Lack of tolerance; Treatment-related adverse event; Lack of efficacy; Patient Choice/Convenience; Progression of disease; Pregnancy planning; Pregnancy confirmed; Allergic reaction; Persisting MRI activity; Progression of EDSS; Persistence of relapses; Non adherence; Anti-JCV Ab positive / PML risk; Other; Dose Change	Y	Note: Dose change used when additional dose lines are added.
36.10	Remarks [Treatment.Remarks]	Memo [text]	2,147,483,647		Yes	Maximum length 500 characters		N	
	[DMTreatment.Id]	Hidden [uniqueidentifier]			No			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[DMTreatment.ExacerbationId]	Hidden [uniqueidentifier]			Yes			Y	
	[Treatment.Id]	Hidden [uniqueidentifier]			No			Y	
	[PosologyTreatment.Id]	Hidden [uniqueidentifier]			No			Y	Set where this treatment has a parent treatment in a schedule
	[FK__Treatment__Patie__4242D080, Relationship 1 to many Patient.Id to Treatment.PatientId]	Hidden [Relationship]							
	[FK__MSSpecificTr__Id__1387E197, Relationship 1 to 1 Treatment.Id to DMTreatment.Id]	Hidden [Relationship]							
	[FK__PosologyTrea__Id__3118447E, Relationship 1 to many Treatment.Id to PosologyTreatment.Id]	Hidden [Relationship]							
	[FK__mg.Treatment__mg.Treatment_Id, Relationship 1 to many Treatment.Id to Treatment.TreatmentId]	Hidden [Relationship]							
	[FK__MSSpecifi__Treat__1293BD5E, Relationship 1 to many TreatmentType.Id to MSSpecificTreatment.TreatmentTypeId]	Hidden [Relationship]							

Notes:

- Type of Treatment is stored in Table Treatment, fields Type and Title

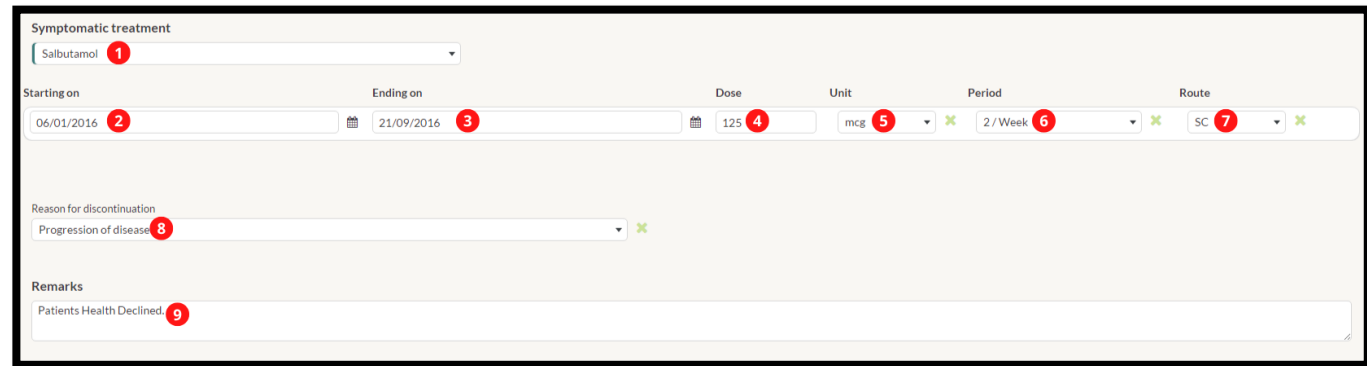
37. TREATMENTS - Symptomatic

37.1 Description

This section identifies Symptomatic treatments.

37.3 Functions

- Add/Remove Symptomatic Treatment – User can add treatment, modify data and delete treatment.



The screenshot shows the 'Symptomatic treatment' form in MGBase. It contains the following fields and values:

- Treatment:** Salbutamol (1)
- Starting on:** 06/01/2016 (2)
- Ending on:** 21/09/2016 (3)
- Dose:** 125 (4)
- Unit:** mcg (5)
- Period:** 2/Week (6)
- Route:** SC (7)
- Reason for discontinuation:** Progression of disease (8)
- Remarks:** Patients Health Declined (9)

37.2 Rules and Constraints

- Treatment must be present in the list of *Symptomatic Treatments*. Dose, unit, period may be populated with default values and may be modified.
- If a Corticosteroid Treatment is selected, there is now an option to create a variable dosing schedule. When Yes is selected, the Add Dose Line button will become visible when the first treatment has an end date and there must be more than 1 dose line entered.
- The start date of the next treatment is always prepopulated with the previous treatment end date + 1 day.
- A zero-dose line is permissible to indicate that the patient is not receiving treatment during the selected period.
- An alert will be displayed if there is a gap in the dosing schedule and will result in a zero-dose line being added after saving.

37.4 Symptomatic Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
37.01	Symptomatic Treatment [SymptomaticTreatment.TreatmentTypeId]	Dropdown [uniqueidentifier]			Yes	Mandatory	Lookup values from table TreatmentType Please refer to the tab for the Table in the Db Schema file to see the selection options (and associated ids) available for this field. List is filtered based on field IsDmt = 0	Y	
37.02	Is this treatment a variable dosing corticosteroid schedule	Radio					Yes; No Defaults to No	Y	Becomes visible when TreatmentType.IsCorticoSteroidScheduledSupported = 1: True where Treatment has child treatments
37.03	Starting on [Treatment.StartDate]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	Defaults to Today When dosing schedule, next dose line starting on date defaults to previous dose line ending on date plus 1 day.
37.04	Ending on [Treatment.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered ≥ Starting on date	Y	
37.05	Dose [PosologyTreatment.Dose]	Number [decimal]			Yes	Mandatory		Y	
37.06	Unit [PosologyTreatment.UnitId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table UnitType Other; mcg; mg; MIU; ml; g; MU; mg/kg; mg/m2; Episodes	Y	
37.07	Period [PosologyTreatment.PeriodId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table PeriodType Other; 2 / Week; / Week; 2 / Day; 3 / Week; / 3 Hour; / 2 Hour; 3 / Day; / 3 Days; / 2 Days; / Hour; / Day; / 4 Hour; 4 / Day; / Month; / 3 Month; / 4 Week; / 5 Weeks; / 6 Weeks; / 7	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Weeks; / 8 Weeks; Single Dose; Daily for 5 days; Daily for 3 days; / 2 Weeks; / 6 Month; / 3 Weeks; 5 Day Course; 5 Day Course (Week 1 and Week 5); Variable, up to 8x/d; Daily or bd; Up to qid; Up to tds; Daily through to every 8 weeks; Weekly - every 4 weeks; Daily - bd; Bd; Monthly; Daily; Single episodes; over 1 day; over 2 days; over 3 days; over 4 days; over 5 days		
37.08	Route [PosologyTreatment.RouteId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table RouteType SC; OTHER; IV; ORAL; IM; ORAL LIQUID; PO	Y	
37.09	Reason for discontinuation [PosologyTreatment.ReasonForDiscontinuation]	Dropdown [nvarchar]	100		Yes		Scheduled Stop; Lack of tolerance; Treatment-related adverse event; Lack of efficacy; Patient Choice/Convenience; Progression of disease; Pregnancy planning; Pregnancy confirmed; Allergic reaction; Persisting MRI activity; Progression of EDSS; Persistence of relapses; Non adherence; Anti-JCV Ab positive / PML risk; Other; Dose Change	Y	Note: Dose change used when additional dose lines are added.
37.10	Remarks [Treatment.Remarks]	Memo [text]	2,147,483,647		Yes	Maximum length 500 characters		N	
	[SymptomaticTreatment.Id]	Hidden [uniqueidentifier]			No			Y	
	[SymptomaticTreatment.CorticosteroidScheduleId]	Hidden [uniqueidentifier]			Yes			Y	
	[SymptomaticTreatment.ExacerbationId]	Hidden [uniqueidentifier]			Yes			Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	[Treatment.Id]	Hidden [uniqueidentifier]			No			Y	
	[PosologyTreatment.Id]	Hidden [uniqueidentifier]			No			Y	Set where this treatment has a parent treatment in a schedule
	[FK__Treatment__Patie__4242D080, Relationship 1 to many Patient.Id to Treatment.PatientId]	Hidden [Relationship]							
	[FK__SymptomaticT__Id__414EAC47, Relationship 1 to 1 Treatment.Id to SymptomaticTreatment.Id]	Hidden [Relationship]							
	[FK__PosologyTrea__Id__3118447E, Relationship 1 to many Treatment.Id to PosologyTreatment.Id]	Hidden [Relationship]							
	[FK__mg.Treatment__mg.Treatment_Id, Relationship 1 to many Treatment.Id to Treatment.TreatmentId]	Hidden [Relationship]							
	[FK__Symptomat__Treat__405A880E, Relationship 1 to many TreatmentType.Id to SymptomaticTreatment.TreatmentTypeId]	Hidden [Relationship]							

Notes:

- Type of Treatment is stored in Table Treatment, fields Type and Title

38. TREATMENTS - Non-pharmacological

38.1 Description

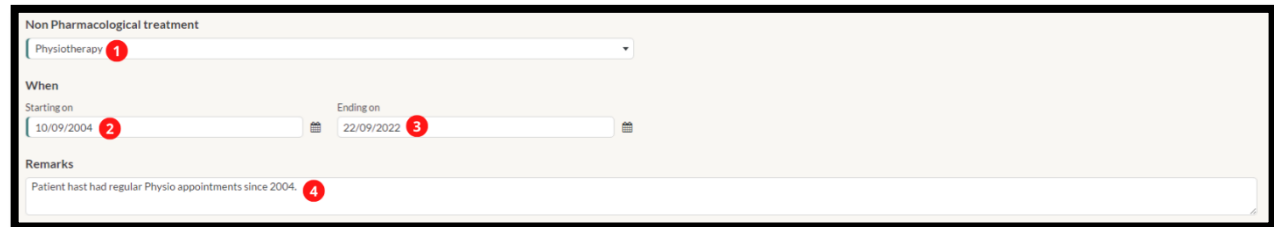
This section identifies non-pharmacological treatments.

38.2 Rules and Constraints

- Treatment must be present in the list of non-pharmacological treatments.

38.3 Functions

- Add/Remove non-pharmacological Treatment – User can add treatment, modify data, and delete treatment.



Non Pharmacological treatment

Physiotherapy 1

When

Starting on 10/09/2004 2

Ending on 22/09/2022 3

Remarks

Patient has had regular Physio appointments since 2004. 4

38.4 Non-pharmacological Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
38.01	Non-pharmacological treatment [NonPharmacologicalTreatment.TreatmentTypeld]	Dropdown [uniqueidentifier]			No	Mandatory	Lookup Values from table NonPharmaTreatment	Y	Note: there is no seed data for the Non-pharmacological treatment list. Each centre will need to add treatments under Preferences > Non-pharmacological treatments.
38.02	Starting on [Treatment.StartDate]	Date [datetime]		dd/mm/yyyy	No	Mandatory	Filtered ≥ Date of Birth and ≤ Today or Date of Death	Y	
38.03	Ending on [Treatment.EndDate]	Date [datetime]		dd/mm/yyyy	Yes		Filtered ≥ Starting on date	Y	
38.04	Remarks [Treatment.Remarks]	Memo [text]	2,147,483,647		Yes	Maximum length 500 characters		N	
	[NonPharmacologicalTreatment.Id]	Hidden [uniqueidentifier]			No			Y	
	[Treatment.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__Treatment__Patie__4242D080, Relationship 1 to many Patient.Id to Treatment.PatientId]	Hidden [Relationship]							
	[FK__NonPharmacol__Id__1758727B, Relationship 1 to 1 Treatment.Id to NonPharmacologicalTreatment.Id]	Hidden [Relationship]							
	[FK__NonPharma__Treat__16644E42, Relationship 1 to many NonPharmaTreatment.Id to NonPharmacologicalTreatment.TreatmentTypeld]	Hidden [Relationship]							

Notes:

- Type of Treatment is stored in Table Treatment, fields Type and Title

38. TREATMENTS - Thymectomy

38.1 Description

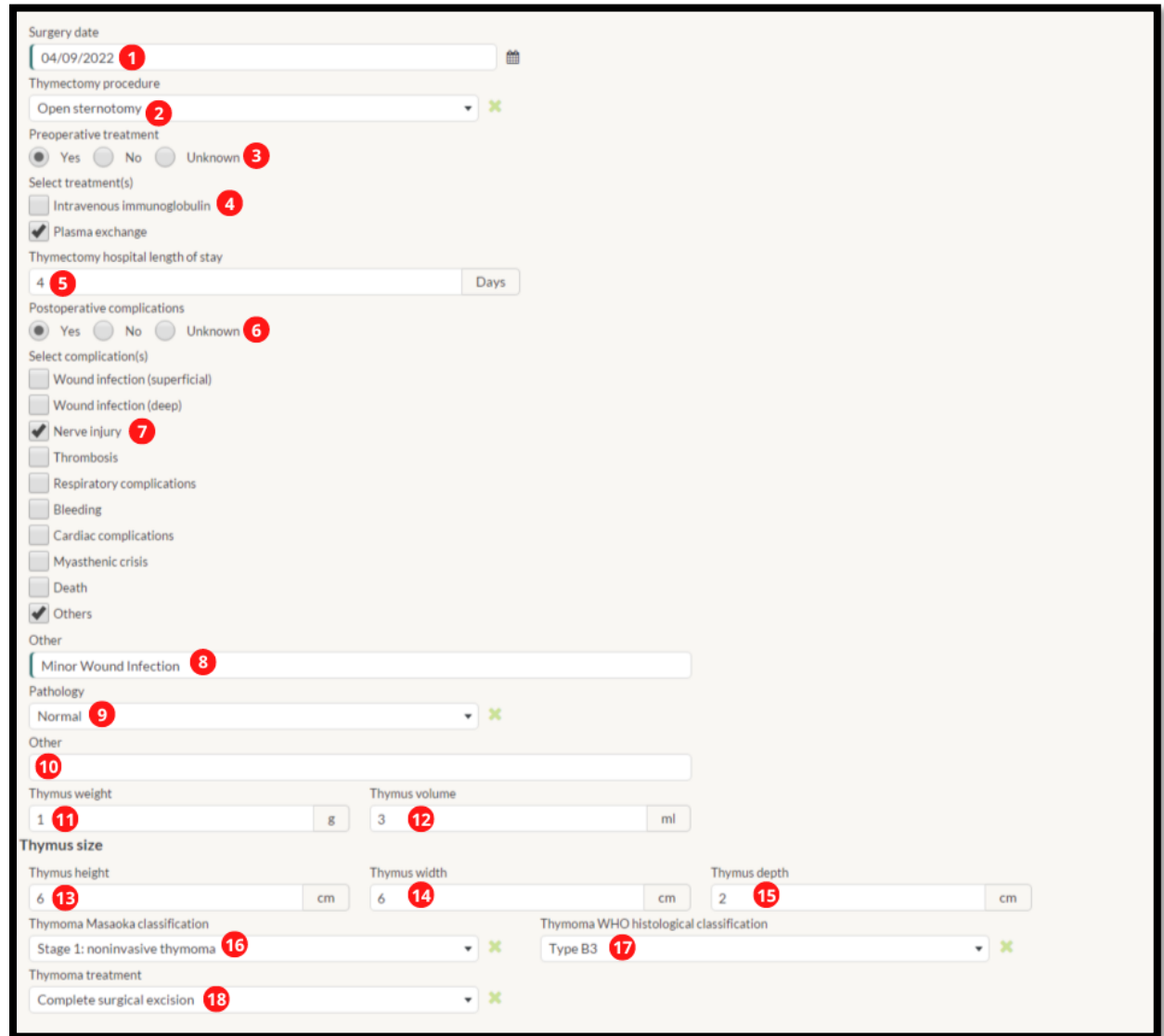
This section identifies thymectomy treatments.

38.2 Rules and Constraints

- Surgery date field is mandatory.

38.3 Functions

- Add/Remove thymectomy Treatment – User can add treatment, modify data, and delete treatment.



The screenshot displays the MGBase data entry form for Thymectomy. The form includes the following fields and sections, with numbered red circles indicating specific points of interest:

- Surgery date** (1): A date picker showing 04/09/2022.
- Thymectomy procedure** (2): A dropdown menu showing "Open sternotomy".
- Preoperative treatment** (3): Radio buttons for Yes, No, and Unknown.
- Select treatment(s)** (4): Checkboxes for Intravenous immunoglobulin and Plasma exchange.
- Thymectomy hospital length of stay** (5): A numeric input field showing 4, with a "Days" unit selector.
- Postoperative complications** (6): Radio buttons for Yes, No, and Unknown.
- Select complication(s)** (7): Checkboxes for Wound infection (superficial), Wound infection (deep), Nerve injury, Thrombosis, Respiratory complications, Bleeding, Cardiac complications, Myasthenic crisis, Death, and Others.
- Other** (8): A text input field showing "Minor Wound Infection".
- Pathology** (9): A dropdown menu showing "Normal".
- Other** (10): A text input field.
- Thymus weight** (11): A numeric input field showing 1, with a "g" unit selector.
- Thymus volume** (12): A numeric input field showing 3, with a "ml" unit selector.
- Thymus size** (13): A section containing three input fields: Thymus height (6, cm), Thymus width (6, cm), and Thymus depth (2, cm).
- Thymoma Masaoka classification** (16): A dropdown menu showing "Stage 1: noninvasive thymoma".
- Thymoma WHO histological classification** (17): A dropdown menu showing "Type B3".
- Thymoma treatment** (18): A dropdown menu showing "Complete surgical excision".

38.4 Thymectomy Data Fields

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
38.01	Surgery Date [Treatment.StartDate]	Date [datetime]		dd/mm/yyyy	No	Mandatory		Y	Defaults to Today
38.02	Thymectomy procedure [ThymectomyTreatment.ThymectomyProcedureId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table ThymectomyProcedure Open sternotomy; Transcervical approach; Video assisted thoracoscopic surgery (VATS); Robotic-assisted approach	Y	
38.03	Preoperative treatment [ThymectomyTreatment.HasPreOpTreatments]	Radio [bit]			Yes		Yes[1]; No[0]; Unknown[NULL]	Y	
38.04	Select treatment(s) [ThymectomyTreatmentPreOpTreatment.ThymectomyPreOpTreatmentId]	Checkbox [uniqueidentifier]			No	At least one must be selected when Preoperative treatment = Yes	Lookup Values from table ThymectomyPreOpTreatment Intravenous immunoglobulin; Plasma exchange	Y	Visible when Preoperative treatment = Yes
38.05	Thymectomy hospital length of stay (Days) [ThymectomyTreatment.HospitalStayDays]	Number [int]		NNN	Yes	Format		Y	
38.06	Postoperative complications [ThymectomyTreatment.HasPostOpComplications]	Radio [bit]			Yes		Yes[1]; No[0]; Unknown[NULL]	Y	
38.07	Select complication(s) [ThymectomyTreatmentPostOpComplication.ThymectomyPostOpComplicationId]	Checkbox [uniqueidentifier]			No	At least one must be selected when Postoperative complications = Yes	Lookup Values from table ThymectomyPostOpComplication Wound infection (superficial); Wound infection (deep); Nerve injury; Thrombosis; Respiratory complications; Bleeding; Cardiac complications; Myasthenic crisis; Death; Others	Y	Visible when Postoperative complications = Yes
38.08	Other (complication) [ThymectomyTreatment.ComplicationsOther]	String [nvarchar]	500		Yes	Length Mandatory when Select complication(s) = Others		Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
38.09	Pathology [ThymectomyTreatment.PathologyId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table Pathology Normal; Hyperplasia; Thymoma; Other	Y	
38.10	Other (pathology) [ThymectomyTreatment.PathologyOther]	String [nvarchar]	500		Yes	Length Mandatory when Pathology = Other		Y	
38.11	Thymus weight (g) [ThymectomyTreatment.ThymusWeight]	Number [decimal]		NNNNNN.NNN	Yes	Format		Y	
38.12	Thymus volume (ml) [ThymectomyTreatment.ThymusVolume]	Number [decimal]		NNNNNN.NNN	Yes	Format		Y	
	Thymus size	Section Header						Y	
38.13	Thymus height (cm) [ThymectomyTreatment.ThymusHeight]	Number [decimal]		NNNNNN.NNN	Yes	Format		Y	
38.14	Thymus width (cm) [ThymectomyTreatment.ThymusWidth]	Number [decimal]		NNNNNN.NNN	Yes	Format		Y	
38.15	Thymus depth (cm) [ThymectomyTreatment.ThymusDepth]	Number [decimal]		NNNNNN.NNN	Yes	Format		Y	
38.16	Thymoma Masaoka classification [ThymectomyTreatment.ThymomaMasaokaClassificationId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table ThymomaMasaokaClassification Stage 1: noninvasive thymoma; Stage II: invasion beyond the capsule; Stage II1: Microscopic transcapsular invasion; Stage IIb: Macroscopic capsular invasion; Stage III: Macroscopic invasion of neighbouring organs; Stage IVA: Pleural or pericardial dissemination; Stage IVB: Haematogenous or lymphatic dissemination	Y	
38.17	Thymoma WHO histological classification [ThymectomyTreatment.ThymomaWHOHistologicalClassificationId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table ThymomaWHOHistologicalClassification	Y	

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
							Type A; Type AB; Type B1; Type B2; Type B3; Thymic Carcinoma		
38.18	Thymoma treatment [ThymectomyTreatment.ThymomaTreatmentId]	Dropdown [uniqueidentifier]			Yes		Lookup Values from table ThymomaTreatment Complete surgical excision; Complete surgical excision and postoperative radiotherapy; Surgical debulking, radiotherapy, and chemotherapy	Y	
	[ThymectomyTreatment.Id]	Hidden [uniqueidentifier]			No			Y	
	[ThymectomyTreatmentPostOpComplication.ThymectomyTreatmentId]	Hidden [uniqueidentifier]			No			Y	
	[ThymectomyTreatmentPreOpTreatment.ThymectomyTreatmentId]	Hidden [uniqueidentifier]			No			Y	
	[Treatment.Id]	Hidden [uniqueidentifier]			No			Y	
	[FK__Treatment__Patie__4242D080, Relationship 1 to many Patient.Id to Treatment.PatientId]	Hidden [Relationship]							
	[FK__ThymectomyTr__Id__1352D76D, Relationship 1 to 1 Treatment.Id to ThymectomyTreatment.Id]	Hidden [Relationship]							
	[FK_ThymectomyTreatment_PathologyId, Relationship 1 to many Pathology.Id to ThymectomyTreatment.PathologyId]	Hidden [Relationship]							
	[FK_ThymectomyTreatment_ThymectomyProcedureId, Relationship 1 to many	Hidden [Relationship]							

Ref	Field	Type	Len	Data Format	Nullable	Validation/check	Allowed Values	Sent to Registry	Comments
	ThymectomyProcedure.Id to ThymectomyTreatment.ThymectomyProcedureId]								
	[FK_ThymectomyTreatment_ThymomaMasaokaClassificationId, Relationship 1 to many ThymomaMasaokaClassification.Id to ThymectomyTreatment.ThymomaMasaokaClassificationId]	Hidden [Relationship]							
	[FK_ThymectomyTreatment_ThymomaTreatmentId, Relationship 1 to many ThymomaTreatment.Id to ThymectomyTreatment.ThymomaTreatmentId]	Hidden [Relationship]							
	[FK_ThymectomyTreatment_ThymomaWHOHistologicalClassificationId, Relationship 1 to many ThymomaWHOHistologicalClassification.Id to ThymectomyTreatment.ThymomaWHOHistologicalClassificationId]	Hidden [Relationship]							

Notes:

- Type of Treatment is stored in Table Treatment, fields Type and Title