

Electronic Long-term Conditions Integrated Assessment Tool (GM-ELIAT)

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Tool Design

The GM-ELIAT provides an integrated, individualised, holistic assessment for patients referred to an integrated health and social care team.

Preparation for the design of the prototype tool involved:

- A literature review of evidence relating to the needs of patients with multi-morbidity and their management.
- Patient interviews to incorporate their views in the design.
- Discussions with health and social care professionals working with patients with long-term conditions (LTCs) to define the format.
- Discussions with specialist healthcare professionals (HCPs) to define the detail of the tool.
- A review of current assessment documentation in use locally and nationally.

Tool Format

The tool provides a needs-based assessment divided into the following sections:



Demographics

To the left of each page is a quick link box

Demographic Details
Assessment Details
1. Medical history
Medication
Allergies/ sensitivities
2. Support (Services)
3. Self reported needs
4. Investigations
5. Physical needs
Cardiovascular
Endocrine/Metabolic
Respiratory
Musculoskeletal
Neurological
Cognitive
Sensory
ADL
Urological
Gastrointestinal
Tissue Viability
6. ACP
7. Psychological needs
8. Social needs
9. Spiritual needs
10. Adherence
11. Summary
12. Care Plan
13. HCP Correspondence
14. Patient Enablement

A further details/
comments box allows
additional information
to be added as free text.

MANCHESTER
The University of Manchester

NHS
National Institute for
Health Research
Collaboration for Leadership in Applied Health Research
and Care (CLAHRC) for Greater Manchester

Electronic LTCs Integrated Assessment Tool (GM-ELIAT)

Demographic Details			
Surname		Empl situation	
Preferred name		Occupation	
First Name		Marital status	
Patient ID			
Date of birth		Age	
Gender			
Address of patient			
Ethnic Origin			
Preferred spoken language			
Interpreter required			
Religious/ belief affiliation			
Does the person being assessed have any caring responsibilities?			
GP Details			
Name of GP		GP GMC ref no	
Address of GP			
Email of GP		Contact no	
Pharmacy details			
Name of pharmacy		Contact no	
Address of pharmacy			
Contact details of:	Name:	Contact no	Relationship
Next of kin			
Informal carer			
Formal carer			
Representative/ attorney			
Other			
Personal information			
Sexual orientation		Pregnant?	
Verbal consent			
Obtained for assessment		Obtained from	
Obtained for sharing information		Obtained from	
Does the patient agree to carers/ family members being asked views or being involved in their assessment?			
Is a Lasting Power of Attorney registered? (Details above)			
Further details/comments			

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Each page is laid out in a standard format with drop down or free text boxes for answers as appropriate.

Assessment details/Correspondence

Key professional's details		
Name:	Role:	
Contact details:		
Are you confident at this time that the person has capacity to make significant decisions?		
Access		
Any risk to staff visiting? (pets etc give details)		
How is access to the home obtained?		
Permission to have key safe/ code? (incl code)		
Referral details		
Referred by:	Refers role:	Ref date:
Contact details:		
Is the patient/ client aware of the referral?		
Is the family aware of the referral?		
GP notification required?		
Assessment Details 1		
Others present (name) during assessment:	Relationship:	
Others present (name) during assessment:	Relationship:	
Assessment completed by (name):	Role:	Time:
Sections completed:		
Questions answered by:	Location:	Date:



The HCP responsible for coordinating care is recorded as well as any important information about gaining access to the patient's home, referral details, those present, the assessor and which sections were completed. Once a date is added, another section is revealed to allow another assessor to complete. This provides an audit trail of who has been involved in the assessment process, which sections were completed and the date for each assessment.

Select completed sections

Long term Conditions Assessment Tool		
First Name	Surname	NHS Number
Section 13. Correspondence		
Actions		
From:	Role:	Date:
To:	Role:	
Further details/comments		Date to be completed by:
Actions		
From:	Role:	Date:
To:	Role:	
Further details/comments		Date to be completed by:
Actions		
From:	Role:	Date:
To:	Role:	
Further details/comments		Date to be completed by:



The correspondence page can be used by the assessor to refer the patient to other HCPs e.g. a social worker to complete the Social needs section or the assessor can request actions to be undertaken e.g. for the patient's GP to review medication or refer make a hospital referral.

Self-reported Needs

Electronic LTCs Integrated Assessment Tool (GM-ELIAT)				
First Name	Surname		NHS Number	
Section 3. Self reported health and social needs				
Health or social needs				
Perception of own health				
Self monitoring readings (most recent)	Reading	Date	Reading	Date
BP				
BM				
Weight (kg)				
Important aspects of life/ hobbies				
Physical activity (type)	Average duration	Freq/ week	Need identified	
Personal strengths				
Making decisions about health and social care				
Health or Social goal 1:		Date to be achieved by:		
Steps needed to achieve this goal:				
How will this achievement be celebrated?				
Further details/comments				

Patient's own health and social needs can be recorded as well as personal goals to ensure that priorities and wishes regarding the patient's health and wellbeing are taken into account during the assessment and care planning process.

A Self-reported needs/Managing your own health form could be sent to the patient prior to the assessment to allow time to complete it independently or with an informal carer.

Investigations/Medical History

Results can be entered into the investigations page or ideally, populated from the GP system. Abbreviations are explained in comment boxes and clinical advice is provided by pop-up boxes when certain cells are filled to provide information regarding diagnoses and recommended tests.

The patient's medical history includes family history, surgery, alcohol, tobacco and drug use. A lot of this information could be populated from GP records, if systems are compatible.

Section 1. Medical/Surgical history					
Presenting problem(s)					
Family history					
Medical conditions					
Past surgery/procedures					
Regular medication					
Medication	Dose	Frequency	Medication	Dose	Frequency
Regular medication (not listed)					
Medication	Dose	Frequency	Medication	Dose	Frequency
PRN medication					
Medication	Dose	Medication			
Vaccines					
Pneumococcal		Influenza			
Allergies/sensitivities					
Alcohol consumption					
Tobacco use					
Current recreational drugs					
Previous recreational drug use					
Risk assessment					
Further details/comments					

Select conditions in family

Select Medical conditions

Select Past Surgery/Procedures

Select Regular medication

Select PRN medication

Select Allergies/sensitivities

Select Recreational drugs

Select previous recreational drugs

Section 4. Physical needs - Pathology and Other Investigations					
Pathology	Result	Date	Pathology	Result	Date
HB			HB		
MCV			MCV		
WCC			WCC		
Sodium			Sodium		
Potassium			Potassium		
Urea			Urea		
Creatinine			Creatinine		
eGFR (1)			eGFR (2)		
ACR (mg/mmol)			ACR (mg/mmol)		
PCR (mg/mmol)			PCR (mg/mmol)		
HbA1c			HbA1c		
FBG			FBG		
OGTT			OGTT		
Fasting HDL			Fasting HDL		
Fasting TG			Fasting TG		
Fasting LDL			Fasting LDL		
Fasting TC			Fasting TC		
LFTs			LFTs		
TSH			TSH		
T3			T3		
T4			T4		
BNP			BNP		
NT-ProBNP			NT-ProBNP		
Rheumatoid factor			Rheumatoid factor		
CCP			CCP		
CPK			CPK		
Serum B12 & Folate			Serum B12 & Folate		
Calcium			Calcium		
PSA			PSA		
MSU			MSU		
Other Investigations			Other Investigations		
Proteinuria (dipstick)			Proteinuria (dipstick)		
Nitrites (dipstick)			Nitrites (dipstick)		
Haematuria (dipstick)			Haematuria (dipstick)		
Glucose (dipstick)			Glucose (dipstick)		
Leucocytes (dipstick)			Leucocytes (dipstick)		
Ketones (dipstick)			Ketones (dipstick)		
BM			BM		
LVEF			LVEF		
Stress Echo			Stress Echo		
Echo (TTE)			Echo (TTE)		
ECG			ECG		
Retinal Imaging			Retinal Imaging		
FEV1			FEV1		
FEV1%			FEV1%		
DLCO			DLCO		

Physical Needs Assessment



Physical needs are divided into the following systems:

- Cardiovascular
- Endocrine/Metabolic
- Respiratory
- Musculoskeletal
- Neurological
- Cognitive
- Sensory
- Activities of Daily Living (ADL)
- Urological
- Gastrointestinal
- Tissue Viability

Physical Needs

The majority of pages within the Physical Needs section have a standard format comprising of a symptom review, clinical examination, pathology (populated from the investigations page), other investigations (populated from the investigations page), risk assessment, further details/comments and clinical tools/clinical evidence.

First Name	Surname	NHS Number
Margaret	Jones	



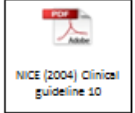


Section 5. Physical needs - Musculoskeletal					
Symptom review					
Joint pain	Yes	Muscle pain		Tendon pain	
Chronic pain		Acute pain		Acute on chronic pain	
Description of Pain (m1)		Description of Pain (m2)		Description of Pain (m3)	
Pain relieved by (m1)		Pain relieved by (m2)		Pain relieved by (m3)	
Joint stiffness		Joint weakness		Joint deformity	
Fatigue	Yes	Poor manual dexterity			
Add symptoms not listed					
Clinical examination					
Crepitus		Synovitis		Myositis	
Joint Inflammation		Tendonitis			
Pathology					
HB		WCC		MCV	
Sodium		Potassium		Urea	
Creatinine		ACR (mg/mmol)	34	PCR (mg/mmol)	
eGFR (1)	56	Fasting TC		Fasting LDL	
Fasting HDL		Fasting TG		LFTs	
TSH		T3		T4	
Rheumatoid factor		CCP		CPK	
Other Investigations					
X-ray		MRI			
CXR					
Risk assessment					
Pain severity					
Abbey pain scale					
Further details/comments					
Clinical tools/Clinical evidence					
 BPI (2006)		 Assessment of pain in older people (2007)			

Click on Body Map to identify location of pain as reported by the patient

Body Map

Most cells have dropdown boxes with simple yes/no responses. Cells are highlighted if yes is chosen. Some have different options where appropriate e.g. pain relieved by, as shown. Symptoms not listed can be added.

Clinical Evidence

Section 5. Physical needs - Endocrine and Metabolic					
Symptom review					
Fatigue		Recent weight gain	Yes	Recent unplanned weight loss	
Dysphagia		Difficulty losing weight	Yes	Amount of weight loss (kg)	
Nutritional intake/last 5 days		Loss of appetite		Terminal cachexia	
Enteral nutrition		Parenteral nutrition		IV infusion	
Excessive thirst		Passes urine ≥7 times 24hrs		Blurred vision	
Numbness		Slow wound healing		Fruity odour	
Clinical examination					
Height (m)	1.57	Weight (kg)	78	Waist circumference (cm)	
Foot pulses		Foot sensation		Foot deformity	
Footwear		Jaundiced		Foot ulceration	
Pathology					
HbA1c		FPG		OGTT	
HB		WCC		MCV	
Sodium		Potassium		Urea	
Creatinine		ACR (mg/mmol)		PCR (mg/mmol)	
eGFR (1)		Fasting TC		Fasting LDL	
Fasting HDL		Fasting TG		LFTs	
TSH		T3		T4	
Other Investigations					
Proteinuria (dipstick)		Haematuria (dipstick)		Leucocytes (dipstick)	
Nitrites (dipstick)		Glucose (dipstick)		Ketones (dipstick)	
Retinal Imaging					
Risk assessment					
BMI = 32					
Obesity I		Very high health risk due to obesity			
Moving & Handling weight score= 2					
Diabetes risk					
Further details/comments					
Nutritional Supplements					
Supplement	Dose/freq	Adm	Supplement	Dose/freq	Adm
Clinical tools/Clinical evidence					
<div>  MUST  NICE (2006) Obesity  NICE (2004) Clinical guideline 10  NICE (2011)  WHO (2006) </div>					

Diabetes risk due to obesity, check HbA1c, FPG or OGTT (NICE Guidelines Obesity (2006) and Type 2 diabetes (2011) see link below)

Nutritional Supplements

Comments appear as cells are highlighted to guide practice according to clinical evidence. References to clinical evidence are provided.

Links to national and international guidelines or clinical tools used within the assessment tool appear at the bottom of each page allowing the assessor to find clinical evidence quickly, when required.

Risk Assessment

Section 5. Physical needs - Cardiovascular					
Symptom review					
SOB	Yes	Chest tightness		Chest pain	
SOB triggered by (1)		SOB triggered by (2)		SOB triggered by (3)	
SOB relieved by (1)		SOB relieved by (2)		SOB relieved by (3)	
Orthopnoea	Yes	PND		Palpitations	
Dizziness		Syncope		Claudication	
Fatigue	Yes	Sexual dysfunction			
Add symptoms not listed					
Clinical examination					
Pulse: rate		Systolic BP	140	Foot pulses	
Pulse: rhythm		Diastolic BP	85	Peripheral oedema	
Heart sounds		Postural hypotension		Ankle oedema	Yes
JVP				10 year MI risk %	10
Pathology					
HB		WCC		MCV	
Sodium		Potassium		Urea	
Creatinine		ACR (mg/mmol)	34	PCR (mg/mmol)	
eGFR (1)	56	eGFR (2)	52	eGFR (3)	54
Fasting TC		Fasting LDL		Fasting HDL	
Fasting TG		LFTs			
TSH		T3		T4	
BNP		NT-ProBNP			
Other Investigations					
Proteinuria (dipstick)		Haematuria (dipstick)		Leucocytes (dipstick)	
Nitrites (dipstick)		Glucose (dipstick)		Ketones (dipstick)	
Echo (TTE)		LVEF		Stress Echo	
ECG		CXR		Angiography	
Risk assessment					
CHA ₂ DS ₂ -VASc score = 4		Adjusted stroke rate (%/yr) = 4		Moderate stroke risk	
HF: Risk of exacerbation				NYHA Classification III	
BP above Target					
CKD Stage 3A with proteinuria		Proteinuria			
10% risk of MI in the next 10 years					
Further details/comments					
Clinical tools/Clinical evidence					

Check symptoms for exacerbation of HF. Is BNP/Echo required? Review HF medication (add/substitute/up/titrate.)



Diagnosis of AF: CHA₂DS₂-VASc score has been calculated as recommended by (NICE 2006,p7) and (ESC 2012) below.



Risk assessments assist in:

- identifying specific needs
- defining the level of care required to reduce risks
- defining the level of care required to manage patients effectively and avoid preventable deterioration of health and wellbeing.

Risks are calculated within the tool by the data inputted and are based on national and international guidelines such as NICE. Risks may be generated automatically by data already inputted or by the results of a health questionnaire completed by the assessor and patient.

Health Assessment Questionnaires

PHQ-9

Over the last 2 weeks, how often have you been bothered by any of the following problems

Clear previous score Save Selected Options

Little interest or pleasure in doing things	Not at all	Several days	More than half the days	Nearly every day
Feeling down, depressed, or hopeless	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Trouble falling or staying asleep or sleeping too much	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feeling tired or having little energy	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Poor appetite or overeating	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Feeling bad about yourself or that you are a failure or have let yourself or your family down	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Trouble concentrating on things, such as reading the newspaper or watching television	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Moving or speaking so slowly that other people could have noticed. Or the opposite, being so fidgety or restless that you have been moving around a lot	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Thoughts that you would be better off dead, or of hurting yourself in some way	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
If you checked off any problems, how difficult have these problems made it for you to do your work, take care of things at home, or get along with other	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Many pages contain health assessment questionnaires. These are validated tools already in use in clinical practice. Scores are automatically calculated and interpretations given. The scores and interpretations appear in the risk assessment section. Examples are the CAT, NYHA and the PHQ-9 as shown.

COPD Assessment Test (CAT)

For each item, please describe how you currently feel on a scale of 0-5 where

Clear previous score Save Selected Options

I never cough = 0 I cough all the time = 5	0	1	2	3	4	5
I have no phlegm (mucous) in my chest at all = 0 My chest is completely full of phlegm (mucous) = 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
My chest does not feel tight at all = 0 My chest feels very tight = 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
When I walk up a hill or one flight of stairs I am not breathless = 0 When I walk up a hill or one flight of stairs I am very breathless = 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
I am not limited doing any activities at home = 0 I am very limited doing activities at home = 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
I am confident leaving my home despite my lung condition = 0 I am not at all confident leaving my home because of my lung condition = 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
I sleep soundly = 0 I don't sleep soundly because of my lung condition = 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
I have lots of energy = 0 I have no energy at all = 5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Shortness of breath (NYHA Classification)

Clear previous score Save/Close

Please choose one of the following options

<input type="radio"/> No symptoms no limitations in ordinary physical activity (NYHA I).
<input type="radio"/> Mild symptoms (mild SOB and/or angina) and slight limitation during ordinary activity (NYHA II).
<input checked="" type="radio"/> Marked limitation in activity due to symptoms, even during less-than-ordinary activity, e.g. walking 20-100 m (NYHA III).
<input type="radio"/> Severe limitations. Experiences symptoms even while at rest. Mostly bedbound patients (NYHA IV).

Activities of Daily Living

The ADL page has a different format to the other pages in the physical needs section. Many rows are hidden unless the patient requires help with ADL.

Each activity of daily living is assessed to identify needs either by discussion or observation and discussion.

The number of identified needs are calculated automatically and a classification is given according to the number of needs identified.

If bladder or bowel needs are identified, the assessor is advised to complete the Urological and Gastrointestinal pages to assess bladder and bowel needs further.

ADL equipment already in use is also recorded so that an assessment of equipment needed can be made.

Complete Bladder page to assess further

Select ADL equipment

Section 5. Physical needs - Activities of daily living				
ADL needs		Yes	Observed	Discussed
Requires help with daily living activities				
Mobility	need identified			
Transfer	needs assistance, but full physical support provided			
Stairs	need identified			
Bathing	need identified			
Washing	needs assistance, but manages with verbal support			
Oral hygiene	independent			
Dressing	independent with equipment			
Grooming				
Footcare				
Food preparation	need identified			
Feeding				
Housework				
Laundry				
Toilet Use				
Bladder	occasional leak, but independent with equipment			
Bowels	continent and independent			
Hobbies				
Requires help for activities away from home				
ADL equipment				
Bath grab rail				
Risk assessment				
ADL needs identified: 4	Moderate level of need for ADL			M&H risk assessment score= 1
Further details/comments				
Clinical tools/Clinical evidence				

Multiple Option Responses

Section 5. Physical needs - Musculoskeletal

Symptom review

Joint pain	Yes
Chronic pain	Yes
Type of Pain (m3)	
Pain relieved by (m3)	
Joint stiffness	
Fatigue	Yes
Add symptoms not listed	

Clinical examination

Crepitus	
Joint inflammation	

Pathology

Hb	12.2
Sodium	
Creatinine	
eGFR (3)	
Fasting HDL	
TSH	
Rheumatoid factor	

Other investigations

X-ray	
CRP	

Risk assessment

Pain severity	
Abbey pain scale	

Further details/comments

Clinical tools/Clinical evidence

Body Map (Pain)

Selections

<input checked="" type="checkbox"/> R Knee	<input checked="" type="checkbox"/> L Hip
<input type="checkbox"/> L Knee	<input type="checkbox"/>
<input type="checkbox"/> R Buttock	<input type="checkbox"/>

Save Selections

Clear Selections

Click on the image above to select the locations of pain

Body map allows multiple areas of pain to be identified.

ADL equipment in use is highlighted when selected and appears in the ADL equipment section.

ADL equipment

None

A-W | W-Z

<input checked="" type="checkbox"/> Anti-slip mat	<input type="checkbox"/> Easy grip tin opener	<input checked="" type="checkbox"/> Stair handrail one side
<input type="checkbox"/> Bath grab rail	<input checked="" type="checkbox"/> Ill-fitting dentures	<input type="checkbox"/> Support stockings
<input type="checkbox"/> Bath hoist	<input type="checkbox"/> Orthopaedic corrections	<input type="checkbox"/> Toilet surround
<input type="checkbox"/> Bath seat	<input type="checkbox"/> Orthopaedic inserts	<input type="checkbox"/> Tri-wheel walker
<input type="checkbox"/> Bath step	<input checked="" type="checkbox"/> Raised toilet seat	<input type="checkbox"/> Urinal female
<input type="checkbox"/> Bed hoist	<input type="checkbox"/> Shower chair	<input type="checkbox"/> Urinal male
<input type="checkbox"/> Commode	<input type="checkbox"/> Shower stool	<input type="checkbox"/> Walking frame
<input type="checkbox"/> Easy grip bottle/jar opener	<input type="checkbox"/> Stair handrail both sides	<input checked="" type="checkbox"/> Walking stick

Save Selections

Requires help for activities

Mobility	
Shopping	
Attending family/ friend	
Attending hospital/ clinic	
Attending social clubs/ c	
Attending place of worsh	
Attending the library	
Attending support group	

ADL equipment

Ill-fitting dentures	
Walking stick	

Risk assessment

ADL needs identified: 8	
Needs away from home	

Further details/comments

Health and Social care support services currently providing support are selected to assist in identifying the gaps in support according to need.

For particular sections, multiple selections may be required. A number of pages contain boxes on the right of the screen which open to reveal multiple options.

Health care support

None

A-P | P-Z

<input type="checkbox"/> Active Case Manager	<input checked="" type="checkbox"/> Diabetic specialist nurse	<input type="checkbox"/> Macmillan Nurse
<input type="checkbox"/> Cardiac Rehabilitation Team	<input checked="" type="checkbox"/> Diabetologist	<input type="checkbox"/> Medicines Management Team
<input checked="" type="checkbox"/> Cardiologist	<input type="checkbox"/> Dietician	<input type="checkbox"/> Memory Clinic
<input type="checkbox"/> Community matron	<input type="checkbox"/> District nurse	<input type="checkbox"/> Mental Health Team
<input type="checkbox"/> Community Neuro Rehab Team	<input type="checkbox"/> General Physician	<input type="checkbox"/> Occupational Therapist
<input checked="" type="checkbox"/> Consultant Nurse Rheumatology	<input type="checkbox"/> Heart failure specialist nurse	<input type="checkbox"/> Older Peoples Mental Health Team
<input type="checkbox"/> Continence service	<input type="checkbox"/> Intermediate Care Service	<input checked="" type="checkbox"/> Ophthalmologist
<input type="checkbox"/> Community Rehab Team	<input type="checkbox"/> Leg Ulcer Service	<input type="checkbox"/> Physiotherapist

Save Selections

Social Needs

The Social Needs section has a similar layout to ADL, social risks are identified, the number of identified needs are calculated automatically and a classification is given accordingly.

A need to reassess informal care is also identified.

Section 8. Social needs	
Social circumstances	
Accommodation	
Tenure	Privately Rented
Housing	House
Accommodation Access	Ground floor
Internal Access	Stairs with one rail
Bedroom Access	Uses stairs
WC Access	Uses stairs
Bathroom Access	Uses stairs
Home Environment	Needs modification
Heating	Partially adequate
Living Arrangement	Lives alone
Fire safety	Need identified: No smoke alarm
Managing social affairs	
Collecting prescriptions	Need identified
Finances	Need identified
Finding employment	
Education	
Benefits	Unsure whether benefits received
Benefits assessments	Need identified
Home safety	Need identified
Emotional support	
Companionship	
Power of attorney	
Informal carer	Need identified: Unable to provide complete physical or emotional support
Safeguarding	
Does the patient have significant contact with children or vulnerable adults? <input type="checkbox"/> Any concerns? <input type="checkbox"/>	
Risk assessment	
Home environment in need of modification	
Needs identified to manage social affairs: 4	Moderate level of need for managing social affairs
	No smoke alarm fitted
Further details/comments	
Clinical tools/Clinical evidence	

Complete Adherence section to assess difficulties regarding adherence to therapy

Is patient aware carer is entitled to an assessment of their needs?

If patient has difficulties collecting prescriptions an issue with adherence to therapy is highlighted and the assessor is signposted to complete the adherence to therapy section.

Summary

Data inputted culminates in a summary page. Findings from individual sections are brought together to provide an overall picture of the patient's symptoms, clinical examination findings, pathology/ other investigations, needs and risks to health and social wellbeing to allow a care plan to be formulated.

Section 11. Summary		
Medical History		
Medical conditions	Atrial Fibrillation	Diabetes Type 2
	Hypertension	Left Ventricular Systolic Dysfunction (LVSD)
	Rheumatoid Arthritis	
Symptom review		
Symptom review	SOB	SOB triggered by: Exertion
	SOB relieved by: Rest, Medication	Balance problems
	Fall in last 12 months	Poor memory
	Leak on coughing/laughing/sneezing	
Clinical examination		
Clinical examination	Systolic BP = 145	Diastolic BP = 89
	Ankle oedema	Difficulty rising from sitting
Pathology		
Pathology	eGFR (1) = 45	ACR (mg/mmol) = 47
Risk assessment		
Risk assessment	HF: Risk of exacerbation	CKD Risk
	Proteinuria	22% risk of MI in the next 10 years
	Diabetes 9 key test not complete	Significant cognitive impairment (6CIT)
	Optometry examination date unknown	ADL needs identified: 5
	Moderate level of need for ADL	Pelvic floor weakness risk
	Moderate level of need for managing social affairs	Incomplete informal carer support
	Several barriers to adherence	Not using adherence aids
Requires help with daily living activities		
Requires help with daily living activities	Mobility need identified (observed/ discussed)	Transfer needs assistance, but full physical support provided (observed/ discussed)
	Stairs need identified (observed/ discussed)	Bathing need identified (discussed)
	Footcare need identified (observed/ discussed)	Feeding need identified (discussed)
Social		
Social circumstances		
Managing social affairs	Home Environment: Needs modification	
	Collecting prescriptions: Need identified	Finances: Need identified
	Benefits assessments: Need identified	Home safety: Need identified
	Power of attorney: Has a registered Lasting Power of Attorney	Informal carer: Need identified: Unable to provide complete physical support

Care Plan

A care plan is formulated from the summary page. This will contain pre-formatted entries but will also allow free text to be added. The cells expand to accommodate the required number of needs. Standardised referral forms could be generated from the data inputted then emailed, printed or deposited in a referral section.

Electronic LTCs Integrated Assessment Tool (GM-ELIAT)					
First Name	Surname	NHS Number			
Section 12. Care Plan					
Physical Needs	Action Required	Expected Outcome	Review date	Refer to	Ref date
Psychological Needs	Action Required	Expected Outcome	Review date	Refer to	Ref date
Social Needs	Action Required	Expected Outcome	Review date	Refer to	Ref date
Spiritual Needs	Action Required	Expected Outcome	Review date	Refer to	Ref date

[Spell check](#)

Perceived benefits of the GM-ELIAT for providing a shared assessment and care planning process

- Potential reduction in unplanned hospital admissions if health and social care needs are identified and met.
- Standardisation of practice across an integrated team and across a community service through delivery of a structured assessment process.
- Reduced repetition of assessment by different members of an integrated team through the use of a shared assessment process.
- Improved referral practices to specialist services due to more intense assessment to provide more detailed referral information.
- Enhancement of patient/client experience by providing a more joined-up service by the use of a shared care planning process.
- Identification of educational needs for health and social care professionals by raising awareness of the current evidence based clinical guidelines.

For further information regarding clinical content and design contact:

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For further information regarding the GM-ELIAT's functions
or if you have difficulties using the tool, contact:

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