

# GM-ELIAT Technical Guide

This guide has been written to assist analysts in creating a version of the GM-ELIAT within a clinical system.

## Accessing the workings of the tool

The tool makes use of both macros and protected sheets, but is not password protected.

Many calculations and definitions can be found below the 'Clinical tools/Clinical evidence' section on the page in question by un-hiding the rows. Variables for hiding rows and populating selection (for example medical history and medication on the Medical History page) can be found in columns hidden from AG onwards.

Each page has its own background code, with some common functionality stored in Modules 1-3.

## Repeated words/sections

All symptoms relating to more than one section are automatically populated once entered on any one page. This is defined through the sheet 'Match-New'.

Sections such as 'Social Care Support' are populated from the 'Support' page to the 'Advanced Care Planning' page.

Pathology and other investigations can only be entered on the 'Investigations page' but are populated to the relevant pages for viewing.

## Risk assessment section (all physical needs pages and the psychological needs page)

Cells are generally locked and cannot be accessed when the sheet is protected. They contain formulas dictating their value or can be linked to a questionnaire. The questionnaire will only be visible if it is relevant. For example, the Audit-C will only appear if 'Occasionally Consumes alcohol' or 'Regularly Consumes alcohol' are selected.

## Questionnaires and forms

Background data for questionnaires and forms can be found on the sheet 'References'.

Please note that The GM-ELIAT contains a number of third party questionnaires. It is the user's responsibility to gain the necessary permissions from the authors/owners for the use of these embedded tools (please see the embedded tools information sheet).

## Score Calculations

The MUST score is calculated from BMI, nutrition, weight loss and amount of weight loss from the 'Endocrine and Metabolic' page.

Moving and Handling risk assessment is collated from 4 criteria: weight, mobility, mental state and environment from the 'Endocrine and Metabolic', 'Cognitive' 'ADL', 'Tissue Viability' pages.

The Waterlow score is calculated from age, gender, BMI, nutrition, skin type and mobility from the 'Endocrine and Metabolic and Tissue Viability pages.

Activities of Daily Living Score answers are weighted with 'needs identified' scoring 1 or 2 points. A score of 1-5 signifies low level of need for assistance, 6-12 a moderate level and over 13 a high level of assistance needed.

Social needs identified' are scored as 1 and a total score of 1-3 signifies a low level of help needed, 4-6 a moderate level and over 6 high level of support needed.

## Printing

The following pages are set up for printing as necessary:

- Demographic details
- Assessment details
- Summary
- Care plan
- Correspondence

## For further information contact:

Caroline O'Donnell  
Information Analyst  
**Caroline.O'Donnell@srft.nhs.uk**

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