
Introduction - Electronic Frailty Index (eFI)

We are pleased to announce the introduction of the **Vision+ Electronic Frailty Index (eFI) Calculator** and **Stratification tool**. The calculator helps identify and grade a patient's frailty level as well as assist in managing patients with frailty. The score is used to predict if a patient is at greater risk of admission or mortality. The eFI Stratification tool enables you to review and, where appropriate, record the eFI score for eligible patients.

- To view the eFi Calculator for a patient - See *How to use the Electronic Frailty Index (eFI) Calculator in Consultation Manager* (page 3)
- To use the eFI Alerts in Consultation Manager - See *How to view eFI Alerts* (page 5)
- To use a Template to record eFI data - See *How to use the eFI Template* (page 7)
- To run the eFI reports - See *How to run the eFI Reports* (page 9)
- To apply the eFi Stratification tool - See *How to apply the eFI Stratification Tool* (page 13)

How does the Electronic Frailty Index Calculator work?

The calculator consists of 36 deficits adding up to a score of 1. The deficits are based on Read codes or Read codes with values. A frailty score is derived by dividing the number of deficits present by the total possible. For example, if a patient has 9 out of 36 deficits, the eFI score is 0.25.

The 36 deficits consist of:

- Symptoms/Abnormal lab values and disability (eg dizziness, memory and cognitive values, visual impairment)
- Disease deficits (eg Respiratory Disease, Arthritis, Hypertension)

 **Note** - Frailty is classified using the following criteria: Fit is equal to or under 0.12, Mild between 0.13 and ≤ 0.24 . Moderate between $0.25 \leq 0.36$ and Severe is 0.36 or over.

For more information see - *British Geriatrics Society* <http://www.bgs.org.uk/>

 **Training Tip** - The calculator is based on Read codes, so if you receive a letter from Accident and Emergency stating that a patient has had a fall and the fall is not recorded correctly, the patient may have an underestimated frailty score.

GMS Contract 2017/18 - England

From 1 July 2017, practices in England should use the **Vision+ Electronic Frailty Index** tools to identify patients aged 65 and over who are living with moderate and severe frailty. For those patients identified as living with severe frailty, and where clinically appropriate you need to:

- **Medication review** - Conduct an annual medication review
- **Falls** - Discuss whether the patient has fallen in the last 12 months and provide any other clinically relevant interventions
- **Summary Care Record (SCR)** - Where a patient does not already have an enriched SCR, you should seek consent from the patient to activate the enhanced SCR. See *Summary Care Record England*
http://help.visionhealth.co.uk/DLM520/Consultation_Manager/index.htm#25891

You are required to Read code the above interventions so that data can be collected on the following:

- Patients with a diagnosis of moderate frailty - Read code **2Jd1 - Moderate frailty**
- Patients with severe frailty - Read code **2Jd2 - Severe frailty** who have:
 - An annual medication review
 - A fall in the preceding twelve months
 - Provided explicit consent to activate their enriched SCR

For a full list of Read codes and technical requirements - See *GMS Contract Technical Requirements 2017/18*

<http://www.nhsemployers.org/~media/Employers/Documents/Primary%20care%20contracts/GMS/2017%2018%20Technical%20requirements%20for%20GMS%20contract%20changes.pdf>

 **Note** - The data is not used for performance management purposes. It is being collected to assist in collating prevalence figures.

Prerequisites

The eFI tools are accessible from **Vision+ Download Web Files** provided your Vision system is on SIS 10465 or above. See [Download Web Files](http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#52225_1)
http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#52225_1

The eFI calculator, reports and templates are available to all practices. However, to assist with the GMS contract 2017/18, practices in England have extra lines within the eFI template. See [How to use the Electronic Frailty Index Template](#) (page 7).

How to use the Electronic Frailty Index (eFI) Calculator in Consultation Manager

To view and apply the **Electronic Frailty Index (eFI)** calculator to an individual patient:

1. From Consultation Manager, select a patient and open a consultation.

2. Click the arrow key alongside the **Vision+** icon

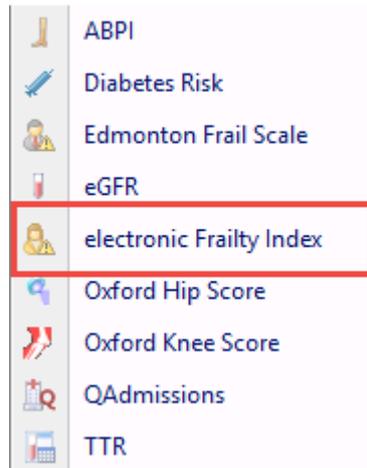


3. Select **Calculators - Other**.



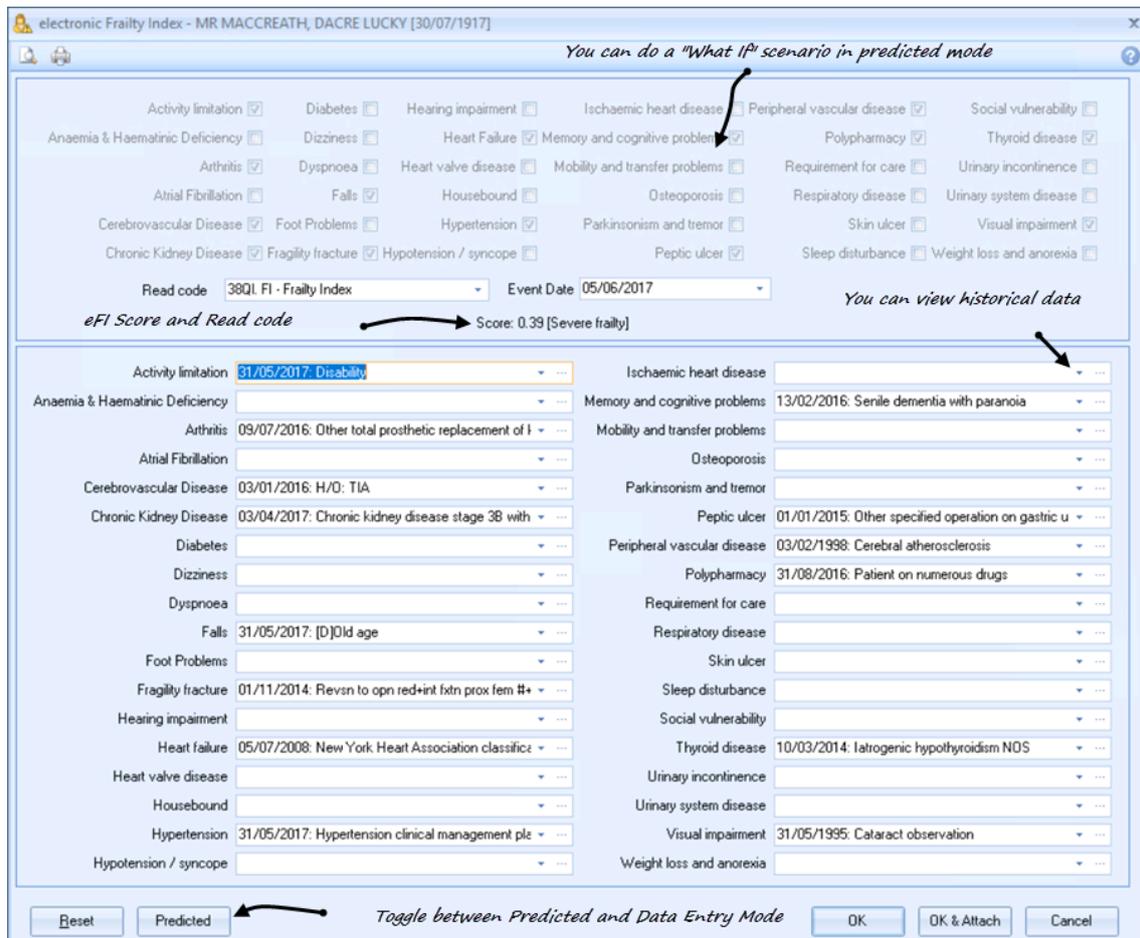
Calculators - Other

4. Choose electronic Frailty Index.



electronic Frailty Index

5. The eFI calculator screen is displayed.



Calculator

Key points about using the calculator:

- **Adding Data** - To add data to the calculator, select the relevant line and click the three dots (...).



- **Viewing data** - The latest record is displayed on the calculator. To view historical data click the red Previous entries  icon. A blue Previous entry  icon indicates that the patient does not have any previous records.
- **Predicted/Data Entry Mode** - Selecting Predicted enables you to do a 'What If' scenario to show the patient how changes in their health can affect their score. You can use the Predicted/Data Entry option to toggle between 'What If' scenarios and recording actual data. For more information - see [Calculators - Predicted and Data Entry Mode](http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#76293) <http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#76293>.
- **OK and OK & Attach** - To save the Read code, score and questionnaire select **OK & Attach**. To save just the Read code and score (without the questionnaire) click **OK**.

 **Reminder** - You cannot select **OK** or **OK & Attach** whilst in Predicted mode.

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- **eFI Score Read code** - Read code **38QI.00 FI - Frailty Index** is recorded in the patient's journal under Scoring Test Result.

 **Note** - Practices in England must also record the eFI grading. See [GMS Contract 2017/18 - England](#) (page 2) or [How to use the eFI Template](#) (page 7).

How to view eFI Alerts

The alert popup window reviews a patient's record and assesses their frailty eligibility. Alerts also display if additional information is required.

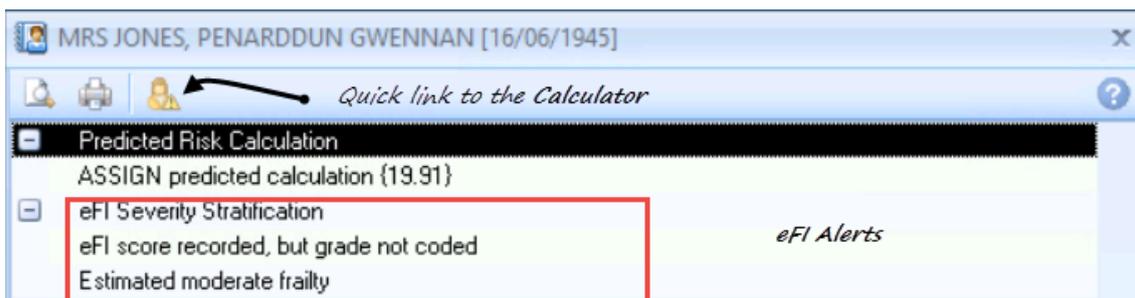
To view alerts:

1. From Consultation Manager, select the patient.
2. Select **Show Other Indicators** on the Vision+ floating toolbar



Note - By default QOF alerts display when you select a patient in Consultation Manager. To combine both QOF and non-QOF alerts eg eFI alerts - see [Combine triggers](http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#46582)
<http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#46582>.

3. The alert window displays the eFI sub category heading and is expanded to show relevant data.



Alert Popup

4. From the alert window you can:
 - Double click on one of the expanded lines to launch the template where you can add the latest eFI score to the patient record (or right click and select **Show Template**)
 - Select **Calculator** from the toolbar 

Key points about the alert prompts

- **eFI score recorded, but grade not coded** - This warning indicates that the patient has an eFI score (Read code **38QI - Frailty Index**) but the Read code required for the GMS contract is not recorded, for example:
 - Read code **2Jd0 - Mild frailty**
 - Read code **2Jd1 - Moderate frailty**
 - Read code **2Jd2 - Severe frailty**

- **Estimated frailty** - Estimated frailty suggests no frailty or grading is recorded but the patient may be eligible.
- **eFI Severity has Worsened** - This prompt displays if a patient's frailty has deteriorated since their last recorded score based on new Read codes recorded.

How to use the eFI Template

The eFI template is a simple to use screen that is designed to provide pertinent clinical information at a glance. It is interactive and only allows you to add information that is relevant to the patient.

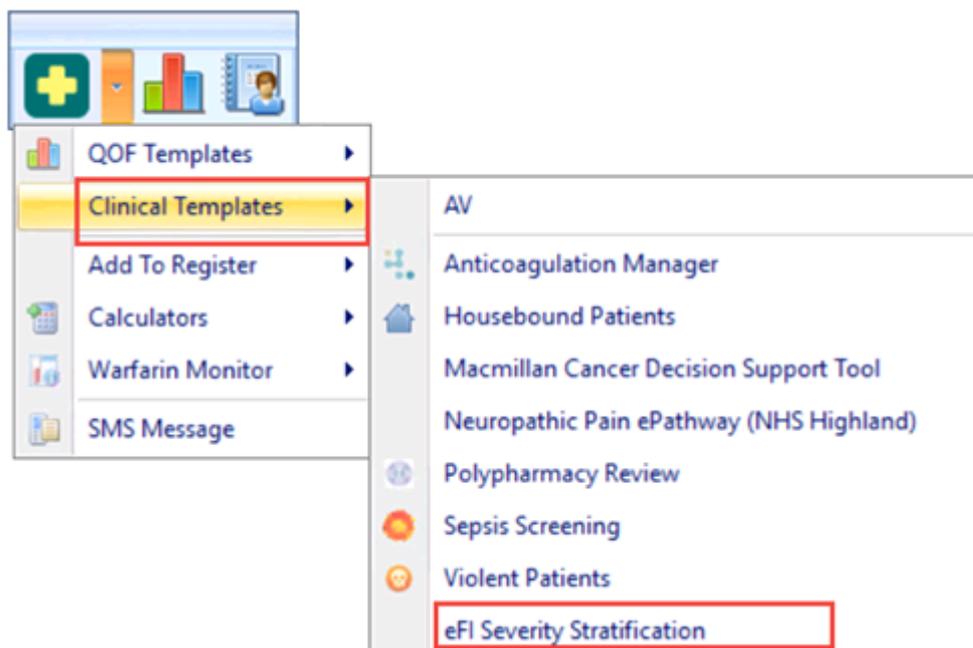
For practices in England the template complies with GMS requirements and provides some extra data entry lines.

To select the eFI template in Consultation Manager:

- 1.** From the Vision+ floating toolbar, select the arrow alongside the **Vision+** icon



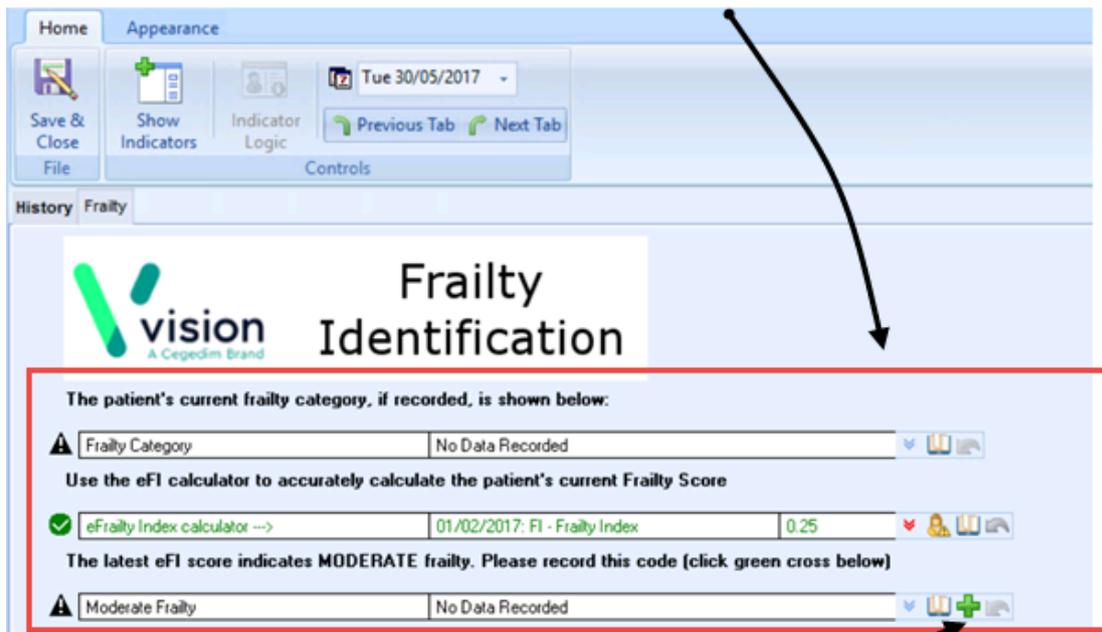
- 2.** Now, select **Clinical Templates - eFI Severity Stratification**.



eFI Severity Stratification

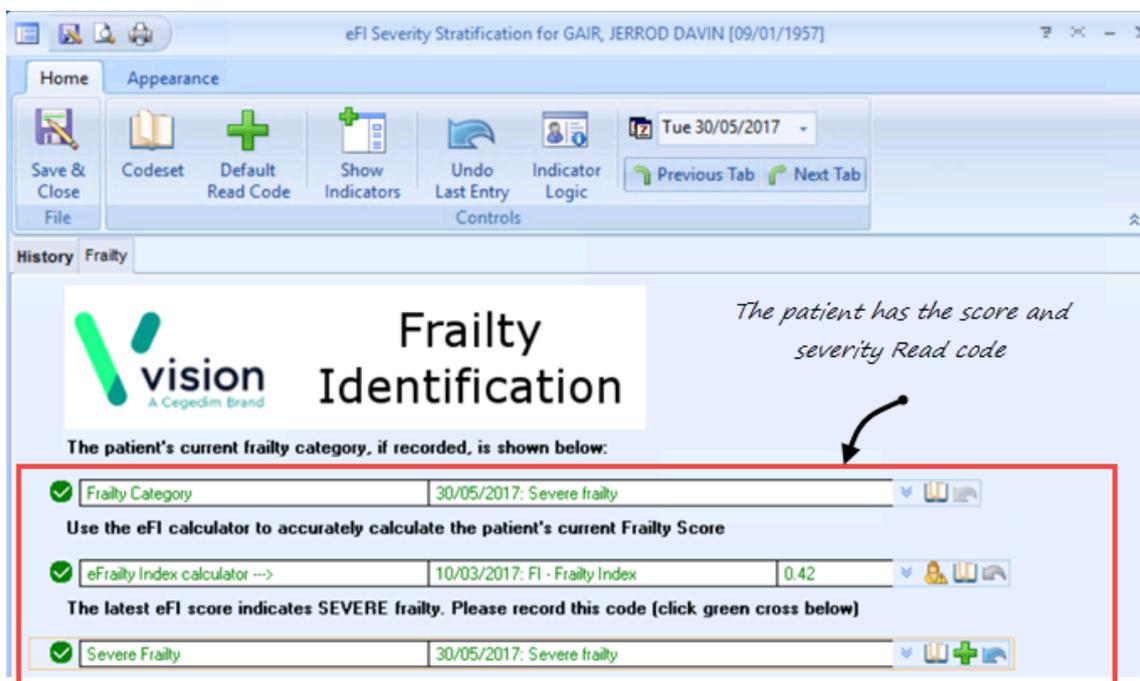
3. The eFI template screen displays. Below are some examples of how data is displayed:

The patient has a Frailty score recorded as Moderate but it has not been graded (as per the GMS contract in England). To record the grade click the green cross button.



Green cross button

Frailty Template - score but no grade



The patient has the score and severity Read code

Frailty score and grading recorded

Save & Close File Codeset Default Read Code Show Indicators Undo Last Entry Controls Indicator Logic Thu 01/06/2017 Previous Tab Next Tab

History Frailty



Frailty Identification

The patient has severe frailty and is eligible for review as per the GMS contract in England

The patient's current frailty category, if recorded, is shown below:

✓ Frailty Category 01/06/2017: Severe frailty

Use the eFI calculator to accurately calculate the patient's current Frailty Score

✓ eFrailty Index calculator --> 01/06/2017: FI - Frailty Index 0.42

The latest eFI score indicates SEVERE frailty. Please record this code (click green cross below)

✓ Severe Frailty 01/06/2017: Severe frailty

All patients aged 65y or older with a diagnosis of severe frailty should receive a medication review on or after this diagnosis

Medication review No Data Recorded

All patients aged 65y or older with a diagnosis of either moderate or severe frailty should have any falls recorded and have a referral to a "falls clinic" (as clinically appropriate)

Falls 01/06/2017: Falls

Referral to falls clinic No Data Recorded

Consideration should be given for patients aged 65y or older with a diagnosis of moderate or severe frailty to consent to activate their enriched Summary Care Record (SCR)

⚠ Enhanced SCR consent No Data Recorded

Frailty Template - England

How to run the eFI Reports

The eFI reports correlate patients from all age groups and categorises them by frailty or estimated frailty. Below is a summary of the report lines:

 **Note** - Reporting lines are displayed in bold. Non-bold lines represent patient alerts which are displayed in Consultation Manager - See [How to view eFI Alerts](#) (page 5).

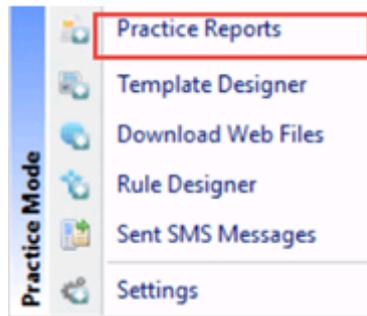
Group: eFI Severity Stratification	
No Frailty Score yet calculated	
Severe frailty	
Severe Frailty + Over 85y	
Severe Frailty + Age 75-85	
Severe Frailty + Age 65-75	
Severe Frailty + Age 50-65	
Severe Frailty + under 50	
Moderate Frailty	
Moderate Frailty + Age over 85	
Moderate Frailty + Age 75-85	
Moderate Frailty + Age 65-75	
Moderate Frailty + Age 50-65	
Moderate Frailty + under 50	
Mild frailty	
Fit	
eFI score recorded, but grade not coded	
eFI score recorded, but grade not coded (excluding "Fit")	
No frailty score recorded, Estimated as mild frailty	
Estimated moderate frailty	
No frailty score recorded, Estimated as moderate frailty	
Estimated severe frailty	
No frailty score recorded, Estimated as severe frailty	
All patients aged 65 years or older, coded as Severe Frailty in current QOF year	
Severe frailty aged 65y or over, Medication review NOT DONE in current QOF year (on or after latest Severe frailty code)	
Medication review needed (Severe frailty)	
Severe frailty aged 65y or over, Medication review DECLINED in current QOF year (on or after latest Severe frailty code)	
Severe frailty aged 65y or over, Medication review DONE in current QOF year (on or after latest Severe frailty code)	
All patients aged 65 years or older, coded as Severe or Moderate Frailty in current QOF year	
Severe or moderate frailty aged 65y or over, Fall recorded in current QOF year	
Severe or moderate frailty aged 65y or over, Fall recorded in current QOF year AND NOT referred (or declined) to falls clinic	
Needs referral to falls clinic	
Severe or moderate frailty aged 65y or over, Fall recorded in current QOF year AND referred (or declined) to falls clinic	
Severe or moderate frailty aged 65y or over, NO consent given for enhanced SCR	
No consent recorded for Enhanced SCR	
Severe or moderate frailty aged 65y or over, consent given for enhanced SCR	
eFI Severity Has Worsened	

The lines in bold are reporting lines the non-bold lines are for alerts only

eFI reports and alert prompts

To run the eFI reports:

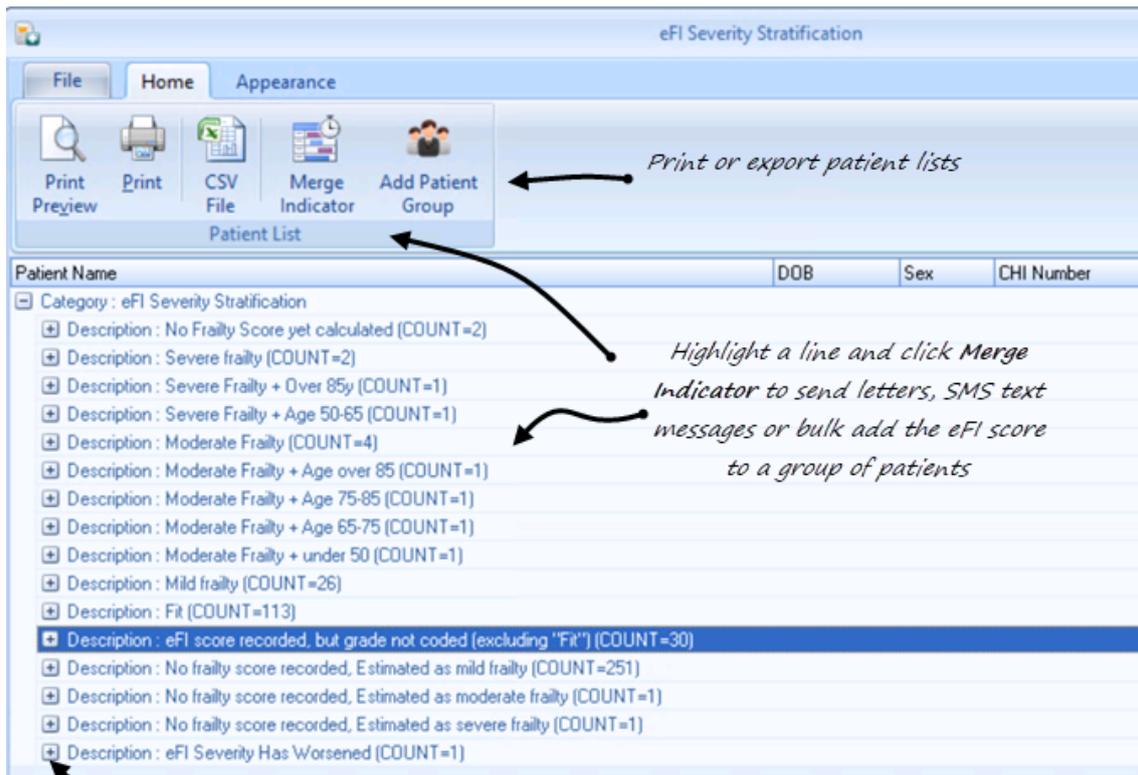
1. Log into Vision, right click on **Vision+**  and select **Practice Reports**.



Practice Reports

2. Select **Practice Lists**.
3. Click **eFI Severity Stratification**.
4. The report is run and on completion displays categories of data making it easier to identify specific cohorts of patients.

 **Note** - Reporting lines are only displayed where patients meet the relevant criteria, for this reason the screenshots below may not mirror your screen.



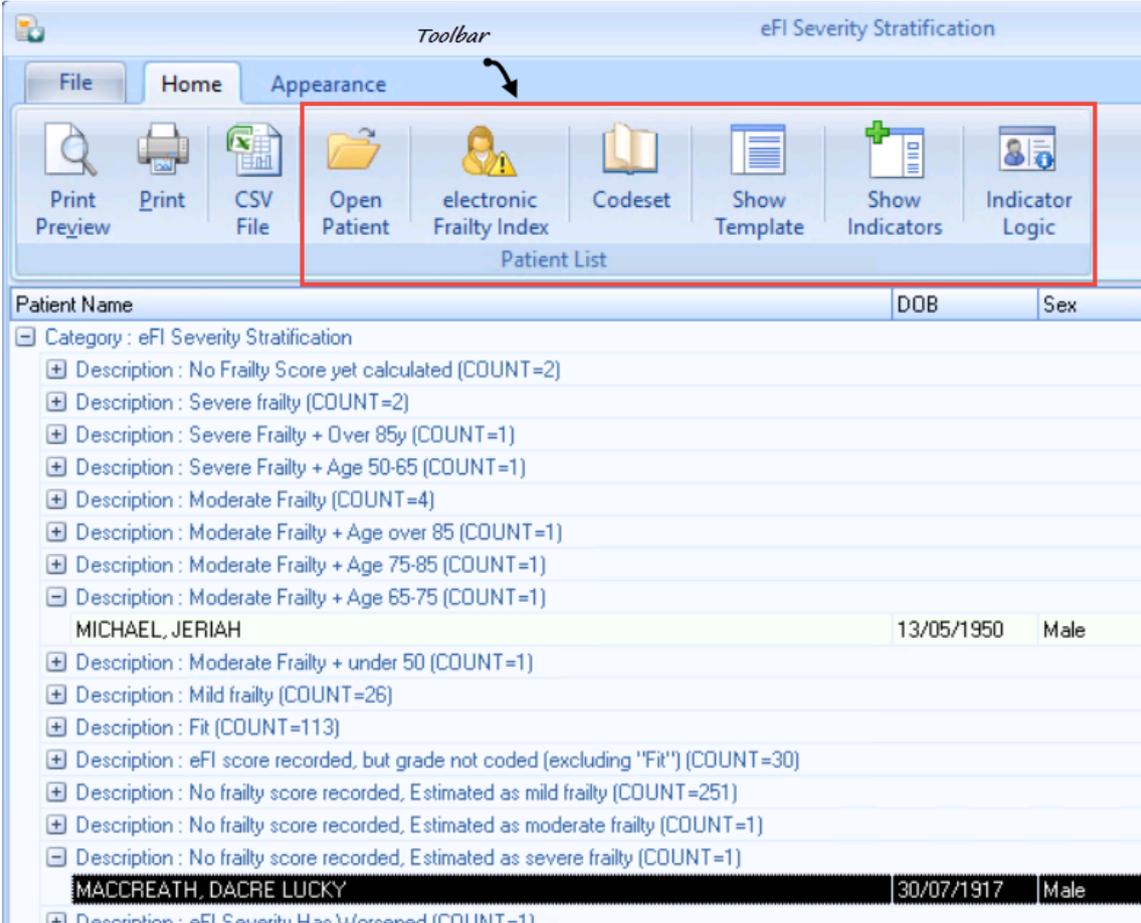
Click the + to expand a reporting line and view patient details

eFI Reports

How to work with patient lists

To view patient information double click on the report line or click the expand  icon. Highlight the patient's details and choose one of the following options from the toolbar or right click on the patient details.

 **Note** - Any information recorded automatically updates the patient's record in Consultation Manager and where appropriate, removes the patient from the list or moves them to another reporting line.



The screenshot shows the 'eFI Severity Stratification' software interface. At the top, there is a 'Toolbar' with several icons. A red box highlights the 'Patient List' section of the toolbar, which includes: Print Preview, Print, CSV File, Open Patient, electronic Frailty Index, Codeset, Show Template, Show Indicators, and Indicator Logic. Below the toolbar is a table with columns for Patient Name, DOB, and Sex. The table lists various frailty categories and their counts, with two patient records highlighted: MICHAEL, JERIAH and MACCREATH, DACRE LUCKY.

Patient Name	DOB	Sex
Category : eFI Severity Stratification		
+ Description : No Frailty Score yet calculated (COUNT=2)		
+ Description : Severe frailty (COUNT=2)		
+ Description : Severe Frailty + Over 85y (COUNT=1)		
+ Description : Severe Frailty + Age 50-65 (COUNT=1)		
+ Description : Moderate Frailty (COUNT=4)		
+ Description : Moderate Frailty + Age over 85 (COUNT=1)		
+ Description : Moderate Frailty + Age 75-85 (COUNT=1)		
- Description : Moderate Frailty + Age 65-75 (COUNT=1)		
MICHAEL, JERIAH	13/05/1950	Male
+ Description : Moderate Frailty + under 50 (COUNT=1)		
+ Description : Mild frailty (COUNT=26)		
+ Description : Fit (COUNT=113)		
+ Description : eFI score recorded, but grade not coded (excluding "Fit") (COUNT=30)		
+ Description : No frailty score recorded, Estimated as mild frailty (COUNT=251)		
+ Description : No frailty score recorded, Estimated as moderate frailty (COUNT=1)		
- Description : No frailty score recorded, Estimated as severe frailty (COUNT=1)		
MACCREATH, DACRE LUCKY	30/07/1917	Male
+ Description : eFI Severity Has Worsened (COUNT=1)		

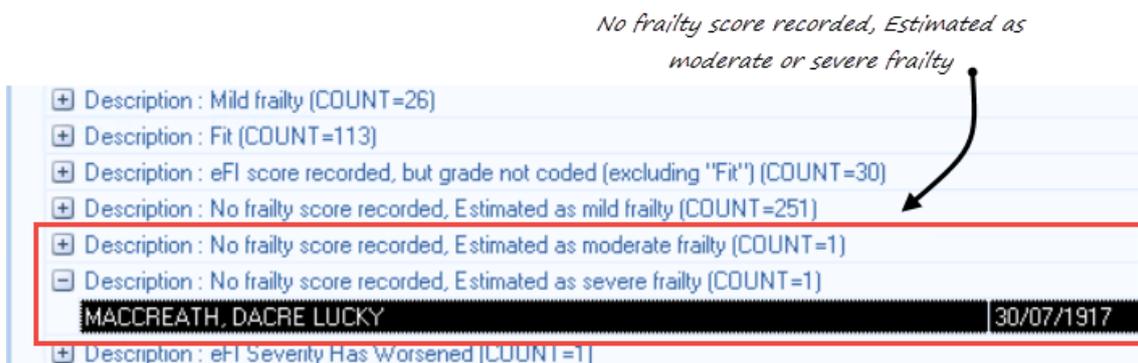
eFI Reports

- **Preview, Print, CSV** - Patients lists can be previewed, printed or exported as a CSV file.
- **Open Patient** - This takes you directly into the patient's Consultation Manager record.
- **Electronic Frailty Index** - The electronic Frailty Index calculator can be accessed directly from any reporting line that requires you to record a score. Where the score is already recorded and has not worsened this option is not available.
- **Codeset** - The codeset option allows you to add the appropriate Read code or score to the patient's record.
- **Show Template** - This option launches the eFI template screen. This is particularly useful for practices in England where you have to record additional information.

- **Show Indicators** - This option invokes the eFI alert popup window without opening Consultation Manager.
- **Indicator Logic** - This option allows you to see why the patient is on the cohort list.

How to apply the eFI Stratification Tool

Practices in England are required to identify patients over 65 with moderate or severe frailty. Some of the reporting lines in Vision+ Practice reports, categorise patients who have an estimated risk of moderate or severe frailty but who do not have a score recorded. Below describes how to add the score to an individual patient.

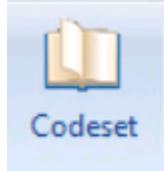


Applying the score to an individual patient

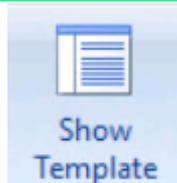
1. Highlight the line "No Frailty score recorded, Estimated as severe frailty" and click  to expand.



2. Highlight the patient and select **electronic Frailty Index** from the Toolbar.
3. From the calculator screen click **OK** or **OK & Attach** to record the score. See [How to use the Electronic Frailty Index \(eFI\) Calculator in Consultation Manager](#) (page 3).
4. To record the severity Read code (as part of the GMS contract), from the floating



toolbar select **Codeset**



 **Note - Show Template** also allows you to record the severity Read code from the eFI template screen.

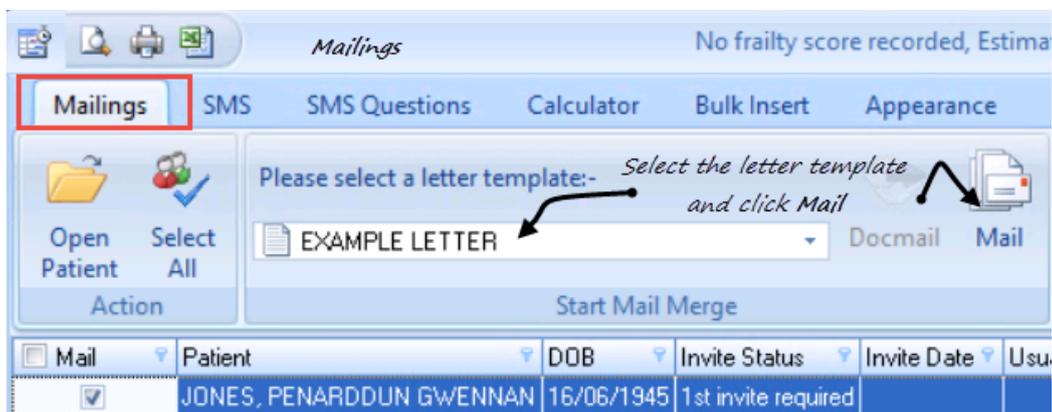
- Alternatively, if you have reviewed the patient you can do this on a patient by patient basis in Consultation Manager - See [How to use the eFI Template](#) (page 7).

How to send patient's a Letter/SMS text message

To send a group of patients a letter or text message you first need to create your letter or SMS template - See [Designing a letter template](#) <http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#46474> or [Creating an SMS message template](#) <http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#64935>.

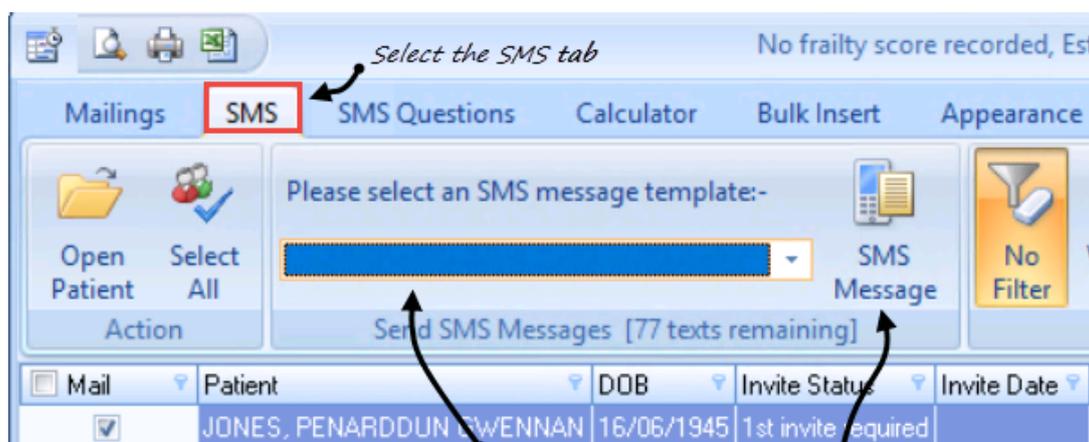
Then, to run your mail/SMS merge for your eFI list of patients:

- From Vision+ **Practice Reports**.
- Highlight the report line and select **Merge Indicator**.
- Select the patient(s).
- From the mailings screen either:
 - Choose the mail merge letter and select **Mail**, or



Mailings - Merge Letter

- Click the SMS tab, select the SMS Message template and click **SMS Message**



Select the SMS message template and click SMS Message

SMS Merge



Training Tip - For detailed information on how to send letters or SMS text messages - See *Recalling patients by letter* <http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#46478> or *Recalling patients by SMS text message* <http://help.visionhealth.co.uk/DLM520/Visionplus/index.htm#64937>.
