**Removal of integrated Qscores in EMIS Web**

**Sourced from EMIS NOW**

## **Background**

The existing QScores integrated within EMIS Web are provided by software licensed from ClinRisk. The Medicines and Healthcare products Regulatory Agency (MHRA) has confirmed that the integration of such complex algorithms into a clinical software system constitutes medical device software and all medical device software must be UKCA marked in accordance with the UK MDR 2002.

The existing Qscore software licensed from ClinRisk is not currently being maintained according to the MHRA regulations and is based and validated using Read codes, whilst EMIS and the NHS now use SNOMED-CT. This creates clinical and regulatory risk, including a small risk to patients of an inaccurate risk score as more SNOMED-CT codes are released by NHS Digital.

**We will therefore be removing the existing integrated QScores from EMIS Web on 1 April 2023.**

**From December 2022**, in preparation for the removal, we will begin deploying an EMIS Web release (version number and date to be confirmed), which will prevent any new locally authored content, such as templates or protocols, containing QScores from being created. It will also introduce reminder warnings when running or editing existing templates containing the QScores.

**From April 2023**, integrated QSCore calculations will no longer be available in EMIS Web. We will be redirecting all users of templates (both EMIS and locally authored) to the relevant ClinRisk website, where they can calculate the risk score for the patient as appropriate.

Historic score calculations will still be visible in the Care Record. The ‘Calculate’ button to create new scores will not be available. We recommend that you routinely review any locally authored content to ensure it’s still clinically appropriate and fit for purpose.

## **Exploration of alternatives**

This decision has not been taken lightly and it has been discussed and agreed at the EMIS clinical board. We understand that integrated QScores are a widely used feature of EMIS Web, and we are in discussions with the authors of the existing tools and NHS Digital regarding how best to continue to provide our users with integrated tools which are SNOMED-compatible, clinically effective and compliant with relevant MHRA regulations.

We will keep customers updated with any developments, as well as providing further updates on any changes within EMIS Web. We will also keep this article up to date with the latest information.

# Clinical calculators overview

All ClinRisk QTools will no longer be supported after 31 March 2023. Any clinical templates that use a Q score will still run, but the risk score will not be calculated. When creating any new clinical templates, the option to add a Q calculation has been removed from template builder.

There are a number of validated clinical calculators integrated with EMIS Web. These clinical calculators provide a risk score for a patient developing or suffering a specific condition over a period of time. You can use these calculators to help identify at risk patients and recall these patients for further assessment or treatment.

The calculators can either be batch added to multiple patients at a time or inserted into your own clinical templates to use on an individual patient basis.

EMIS clinical calculators are qualified as 'software as a medical device' (SaMD) and are CE Marked.

|  |  |
| --- | --- |
| **Calculator name** | **Calculates the risk of:** |
| [QRISK2®-2017 calculator](https://www.emisnow.com/csm?id=kb_article_view&sysparm_article=KB0040004) | Developing cardiovascular disease in the next 10 years. |
| [QFracture®-2017 calculator](https://www.emisnow.com/csm?id=kb_article&sysparm_article=KB0040029) | Developing an osteoporotic fracture in the next 10 years. |
| [QDiabetes®-2017 calculator](https://www.emisnow.com/csm?id=kb_article_view&sysparm_article=KB0045077) | Developing type 2 diabetes in the next 10 years. |
| [QStroke®-2017 calculator](https://www.emisnow.com/csm?id=kb_article_view&sysparm_article=KB0045078) | Suffering a stroke in the next 10 years. |
| [QCancer®-2017 calculator](https://www.emisnow.com/csm?id=kb_article_view&sysparm_article=KB0045487) | Having a current, undiagnosed, cancer. |
| [CHA2DS2-VASc®-2015 calculator](https://www.emisnow.com/csm?id=kb_article_view&sysparm_article=KB0045091) | Suffering a stroke for patients with atrial fibrillation. |
| [QFrailty®-2017 calculator](https://www.emisnow.com/csm?id=kb_article_view&sysparm_article=KB0045094) | Developing frailty. This calculator gives your patients a frailty score (severe, moderate, mild or fit). |
| [NEWS2® calculator](https://www.emisnow.com/csm?id=kb_article_view&sysparm_article=KB0040001) | Used for assessment and response to acute illness. |

## **Clinical risk calculators and shared care record data**

Organisations with access to shared record data should be aware that clinical risk calculators in EMIS Web will only evaluate local data when performing calculations.

This means that if there are differences between your local care record and any shared record that you have access to, risk scores generated by a calculator may differ between organisations, as the data on which the score is based also differs.

To avoid this kind of scenario, it is important to ensure that any data held locally within your own organisation is up-to-date and accurate with any shared record. This includes clinical codes (and any associated values, i.e. weight or BMI), demographic information and family history.

It is important to note that the calculators themselves are working correctly, and any calculation is reliant on the data available.