

## OCCG EMIS Web **OCCG Low TTR Review Needed Protocol Alert**

### Recent Changes

v2 to v3 – the alert now lists the most recent TTR in addition to the last low TTR (it was causing some confusion, because people were misread it as being the most recent TTR that was low)

### Background

National upgrades and local innovation mean that the labs are now publishing Time In Therapeutic Range information to you as a specific Read Code and value, instead of text on an INR report.

From 27<sup>th</sup> November 2017 you may have noticed the results coming through with an additional line:

Date	Term	Value
29-Nov-2017	INR prcnt time in thera range	91 %
29-Nov-2017	International normalised ratio	2.9 ratio
<div style="border: 1px solid black; padding: 2px; display: inline-block;">(your comments)</div>		
Sun- Mon- Tue- Wed- Thu- Fri- Sat 6 5 6 5 6 5 5 (mg day) DOSE = 5.43 mg NEXT VISIT = 06/12/2017		

From 6 months of being on warfarin onwards, the lab will generate a % value indicating how much of the time your patient has been within their therapeutic range. Anything less than 65% should prompt a review to consider whether Warfarin is the best treatment for them

TTR is calculated over a maintenance period of at least 6 months. All patients having dose advice from the Oxford University Hospitals RAID service will automatically have a TTR generated alongside the INR. A TTR less than 65% is an indication of poor anticoagulation control and these patients should be reviewed. For further information please see Shared-Care Warfarin Protocol <http://occg.info/OUH-Warfarin-SCP>. For further education and support for optimising anticoagulation and use of DOACs then please contact [doacsupport.ox@nhs.net](mailto:doacsupport.ox@nhs.net)

### What will this widget do?

1. First Scenario – a TTR review is needed

Prompt you to review patients on warfarin with a low TTR who have not had a review, by generating a QOF style alert in the corner of the screen. Users can over it to get more information about why the alert has been generated, and if they double click on it, they will be given a Zap template (a mini template) with the codes necessary to review the TTR and claim remuneration under the OCCG Warfaring Monitoring contract.

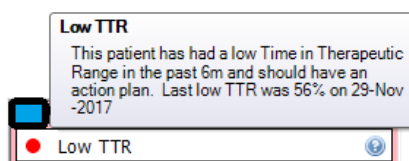


Figure 1 example of the alert

**Review of low Time in Therapeutic Range (<65%)**  
(for those on warfarin for >6m)  
£50 per patient per year

**This patient has had a Time in Therapeutic Range of <65% within the past 6m and not yet been reviewed**

To review the INRs and TTRs click >>

Last TTR --->	Last INR --->
18-Dec-2017 61 %	18-Dec-2017 1.1

**Type your action plan below for payment**

☐ 22-Dec-2017

☐ Warfarin therapy stopped 22-Dec-2017

Text Suboptimal TTR action plan:

Text

No previous entry

No previous entry

Figure 2 example of the Zap template

## 2. Second Scenario – Possible Missed Payment

If a code for “Warfarin Stopped” is found AND the patient had a Low TTR in the past 6 months AND there is no review code, it is possible that Warfarin was stopped, but the user was unaware that the practice could claim for having reviewed the TTR and taken action.

The template will provide additional information if the user hovers over the alert, and a user can double click to follow through to the ZAP template

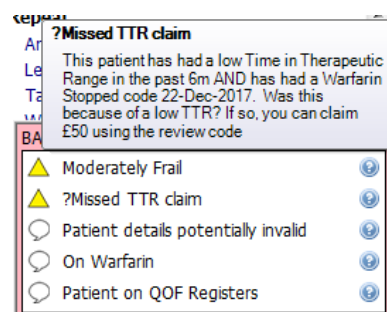


Figure 3 example of a possible missed TTR claim alert

## What will it do in the future?

All of the Primary Care Commissioned Services have data entry tabs on the PCC template which is being revamped. When it is launched, the same tab called by this alert will also be on the template.

The UK Terminology Centre at NHS Digital have agreed to publish a new code for us next year, to more precisely record a TTR review event (at present we are using Warfarin Monitoring NOS), and so the template will be reprogrammed and launched again after The SnoMED transition when the code becomes available.

## Troubleshooting

The documents in this software deployment kit (SDK) aim to provide assistance and guidance in the installation and activation of this data entry template. We welcome all questions or comments on these or the Template. Please see below for contact details for dealing with any problems.

EMIS Health: phone 0330 0241 270

The CSU Training Team: phone 0300 123 567, or email [Training.SCWCSU@nhs.net](mailto:Training.SCWCSU@nhs.net)

The OCCG Datasets team: email [OCCG.Datasets@nhs.net](mailto:OCCG.Datasets@nhs.net) (N.B. all bugs or suspected bugs in our software should come to the Datasets email)