



## OptimiseRx Update

OptimiseRx is the clinical decision software used in Northamptonshire. It is fully integrated into SystemOne and EMIS. The aim of the software is to present clinicians with prescribing messages at the most relevant time, based on the individual patient and prescribing event.

OptimiseRx will show prescribers the following type of messages:

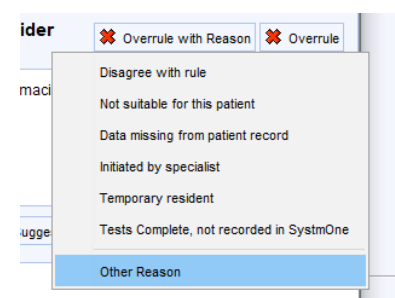
- High risk drug monitoring to reduce risk of adverse events
- Compliance with MHRA drug safety alerts
- Preventing inadvertent prescribing errors e.g. sound alike drugs, use of concentrated opioids vs low strength opioids
- Formulary status
- Best practice
- Do not prescribe messages
- Cost savings
- Self-care messages
- Supply problem messages

OptimiseRx national team create and manage national level messages, based on national reference sources such as NICE, CKS, MHRA, PHE and RCGP. Northamptonshire ICB Medicines Optimisation Team create and manage local level messages and the local formulary.

At the point of prescribing OptimiseRx will provide messages relevant to the individual patient, based on the patient read codes. To ensure you are seeing the most relevant messages at the point of prescribing it is advised to read code the patient condition prior to prescribing the medication.

The algorithms are updated to try and reduce “alert fatigue” if a message is regularly being declined. If you are declining a message please provide a reason by using the “override with reason” button and enter details in the “other” section wherever possible. OptimiseRx monitor the messages that are overruled to make improvements to the algorithms.

**Please note that some messages (e.g. double red drug messages) will only appear once for that patient. If the message is overruled, it will not prompt the next time the medicine is prescribed.** If non-clinical staff are adding medicines, it is important that they alert clinicians to messages, rather than overrule the message. It may be the only time that message will alert for that patient.



The Medicines Optimisation Team have access to the OptimiseRx dashboard, which shows the most accepted and rejected messages. This facilitates management of the messages to prevent “alert fatigue”. If you would like to see your practice level data, please contact your locality Medicines Optimisation Pharmacist.

If you have any queries about OptimiseRx or would like any training, please contact the Medicines Optimisation Team [northantsicb.medicineoptimisationteam@nhs.net](mailto:northantsicb.medicineoptimisationteam@nhs.net) or see the pre-recorded videos on the [FDB Engagement Hub](#). OptimiseRx is now also available for use in out-of-hours or extended access services. Please contact the Medicines Optimisation Team for further information about enabling OptimiseRx in these settings.

This edition is also available on the Primary Care Portal