

# FDB OptimiseRx: Complex Cost Messages

#### **INTENTION OF MESSAGE**

Complex Cost messages present the prescriber with a list of lower cost alternative drug products which may be the same drug at a different strength, dose and/or formulation or a therapeutically equivalent (e.g. from felodipine to amlodipine) drug product. These messages may also include additional national best practice guidance for the prescriber to consider. Where there are multiple alternative products a complex cost message will be used instead of a Simple Cost Message.

## SOURCES REFERENCED

Annual Prescription Cost Analysis data (for per patient per year savings), NHS Dictionary of Medicines and Devices (dm+d), Price concessions (NCSO), and local sources:

### **MESSAGE CRITERIA**

Complex Cost messages will trigger once an applicable drug product has been chosen by the prescriber and a complex cost alternative drug product is available. These messages may also include additional logic (e.g. to identify patient specific context) that must be met for the message to trigger. This ensures that the swap is only presented only where relevant.

Message logic may consider documented past medical history, previously prescribed drug products and patient specific criteria. The message will explain the rationale (and applicable references) for presenting therapeutically interchangeable products and provide alternative drug products for the prescriber to select from.

#### WORKFLOW: ACUTE PRESCRIPTIONS

Complex Cost Swap messages will appear to the prescriber once a drug product has been selected (prior to a dose and supply quantity being defined) if the message logic is met.

These message types will also trigger on reauthorisation and restart if the criteria is met.

#### REPORTING

The performance of Complex Cost Messages can be monitored over time through Actualised Cost Savings or Financial Year Cost Savings Reports, available on the OptimiseRx Portal.

Cost savings for these messages are calculated as either 'per acute' or 'per patient per year'. Savings for drugs that are used for chronic treatments are calculated over the course of 1 year and these swaps will have a 'per patient per year' saving. Drugs that are used for acute or intermittent treatment have a calculated saving of 'per dose unit', e.g. tablet, capsule, spray etc.

In some cases, it is not possible to calculate a cost saving for complex swap messages. Savings can only be calculated for brands and drug tariff generics (except specials).

#### FDB OptimiseRx: Complex Cost Messages

Jest practice guidance	
	Optimise R
Selected drug - Felodipine 10mg modified-release tablets	
Consider prescribing amodipine instead of felodipine 24-hour modified-release tablets.	✓ Accept X Reject
Source	View reference information
Significant financial savings may be made by swapping to antiodione tablets. As a general guide Sing of felolopine 24-hour modified-release tablets may be considered equivalent to Sing of an on the typical maintenance dose of the two agents as detailed in their product keening literature. Both felodion as a single daily dose. Dose adjustment may be necessary depending on the specific condition being treated and <u>View the traggered rule for this patient</u> .	and amodoine are normally oven
Discloimer: The Medicines Optimisation module is Intercled for the use of healthcare professionals and is	

#### Example of a point of Complex Cost Message in EMIS Web

▼ Expand Al Colapse /	4	Reset Al W	amings 🛛 🗱 Oy	errule All with Reason	🗱 <u>Overtule</u> Al
Consider prescribing a 24-hour modified-relea	amlodipine instead of fei use tablets	odiplne 🖌 si	tow 2 Suggestions	* Overrule with Rea	son 🗱 Overrule
Significant financial savings ma	ay be made by swapping to amic	odipine tablets			
equivalence is based on the typic			their product lice		e odipine and
equivalence is based on the typic ambodipine are normally given as and the patient's response References www.evidence.nh:	a single daily dose. Dose adjus		their product lice	nsing literature. Both f	e odipine and
equivalence is based on the typic imfodipine are normally given as and the patient's response References www.evidence.nh:	a single daily dose. Dose adjus		their product lice	nsing literature. Both f	elodipine and
equivalence is based on the typic amtodipine are normally given as and the patient's response References www.evidence.nhs Why is this warning showing?	a single daily dose. Dose adjus s uk	stment may be neces:	their product lice sary depending o	nsing literature Both ( In the specific conditio	elodipine and n being treated
equivalence is based on the typic amtodipine are normally given as and the patient's response	a single daily dose. Dose adjus s uk Intended for the use of heathcare p	stment may be necess	their product lice sary depending o ed on the basis that	nsing literature Both f n the specific conditio	elodipine and n being treated onats will retain FL

#### Example of a point of Complex Cost Message in SystmOne

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# FDB OptimiseRx: Simple Cost Messages

#### **INTENTION OF MESSAGE**

Simple Cost messages present the prescriber with a single lower cost alternative drug product of the same drug and strength.

The formulation of this alternative drug product may be slightly different, for example presenting a cheaper capsule formulation of a drug product originally ordered as tablets.

#### SOURCES REFERENCED

Drug Tariff, NHS Dictionary of Medicines and Devices (dm+d), price concessions and Generic Medicine Shortages (NCSO).

#### **MESSAGE CRITERIA**

Simple Cost Swap messages will trigger once prescription details have been completed and a cheaper alternative drug product is available. Cost savings for these messages are calculated based on the dosing information entered by the prescriber. These messages are one to one (i.e. one trigger product and one alternate product) with no additional patient specific filtering.

#### END-USER WORKFLOW: NEW PRESCRIPTIONS

Simple Cost Swap messages will appear to the prescriber once a drug product and supply quantity have been selected. The message will show the original and alternative drug product alongside each other together with the costs and calculated saving were the message to be accepted. These messages do not contain references or guidance to the prescriber.

These message types will also trigger on reauthorisation and restart if the criteria is met.

#### REPORTING

The performance of Simple Cost Messages can be monitored over time through Actualised Cost Savings or Financial Year Cost Savings Reports, available on the OptimiseRx Portal.

Cost savings for these messages are calculated as either 'per dose unit' or 'per patient per year'. Savings for drugs that are used for chronic treatments are calculated over the course of one year and these messages will have a 'per patient per year' saving. Drugs that are used for acute or intermittent treatment have a calculated saving of 'per dose unit', e.g. tablet, capsule, spray etc.

#### FDB OptimiseRx: Simple Cost Messages

Driginal drug	Recommended alternative
Name Azthromych 250mg capsules	Name Azthromycin 250mg tablets
Class Generic	Class Generic
Cost [5.16	Cost £1.88
Saving	£4.28

#### Example of a Simple Cost Swap Message in EMIS Web

Original	7	Suggested	
Azthromycka 250mg capsules 6 capsules Generic 2 6 16	+	Azilhromycin 250mg tablets 6 tablets Generic £1 88	
Hestainmen; The OptimiseRx module is intended for the use of healthcare p			ssionals will retain FUL
ind SOLE responsibility for deciding what treatment to prescribe or dispen			

#### Example of a Simple Cost Swap Message in SystmOne

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# FDB OptimiseRx: Solution Overview

#### **AIMS OF MESSAGE**

OptimiseRx messages enable you to deliver high value clinical guidance at the point of care. These messages should promote safe prescribing against best practice and where applicable provide alternative drug products and associated savings.

Messages are authored to make them as effective and meaningful to the prescriber as possible. To achieve this, all messages aim to be succinct, accurate and patient contextual. Wherever possible it is intended that messages be actionable by the prescriber as opposed alerting for information only.

## **GOAL ORIENTATED MESSAGES**

Considering the desired prescribing outcomes when requesting messages ensures that OptimiseRx aligns with your wider medicines initiatives and helps in tailoring the OptimiseRx profile to maximise value.

## **MESSAGE SCOPE**

Once the message requests align to prescribing initiatives the following criteria can be used to ensure that they are feasible and will provide value to the prescriber while helping to achieve prescribing goals.

#### INCLUDED

- Is the message related to the product that will trigger it?
- Is the rule patient contextual? Is the criterion (e.g. weight, age, past medication) being evaluated routinely and accurately documented within the Patient's electronic record using Read Code or dm+d terminology?
- Does the message provide a clear intervention for the prescriber to make?
  - This may include:
    - The stopping of a product and/or treatment regime
    - The amendment of a product and/or treatment regime, including but not limited to;
      - Cost swaps
      - Therapy changes or substitutions
      - The addition of product to a treatment regime (i.e. a concomitant prescription)\*
    - The ordering or review of supplementary diagnostics
- Is a localised OptimiseRx message the best way for you to support the intended message outcome/guide the prescribers towards best practice?

#### FDB OptimiseRx: Solution Overview

#### EXCLUDED

It's important that OptimiseRx messages provide value without interrupting users with ambiguous messages or duplicating or conflicting with any existing alerts. Answering 'No' to the below helps in avoiding this:

- Will the message overlap or interact with and existing Clinical Decision Support (CDS) without providing clearly defined additional value?
  - This may include:
    - Existing drug-drug interactions
    - Existing drug-allergy interactions
    - Existing drug-condition interactions
    - Existing OptimiseRx messages
- Does the message have the potential to cause alert fatigue by presenting for most prescriptions?
- Does the message only provide general information about the drug without any clear intervention for the prescriber to make?

Further information and guidance on how to request and author the most effective localised OptimiseRx messages can be provided by your Account Manager and Content Representatives.

#### **VALUE & RETURN ON INVESTMENT**

Message usage and adoption analysis should be carried out on a periodic basis to determine if messages are providing their expected value. Messages considered no longer relevant/useful should be reviewed for potential amendments or retirement.

\*Please note this OptimiseRx functionality is only available within the SystmOne and Microtest system

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# FDB OptimiseRx – Localising national messages: Text & URLs functionality

Localise national messages within your core profile by adding references, text and URLs, eliminating the need for a new CCG localised message. The core national message components are authored and maintained by FDB OptimiseRx.

#### IDENTIFYING MESSAGES ELIGIBLE FOR CCG TEXT AND URLS IN YOUR PROFILE

incrime, and, not recommended in the answerhor, of cardownscular system		O Activit - O Convert
Headline:		
Revenue sale of recollinic acid proper alterns		
Delate:		
NCE clinical partners for the randocatast of bland loads for the prevery and secondary prever	has al cardiovancialm discours (CG181) plates that receive acid preparations would real be offered with	er alona er in combanalion wilk a stallen for the prosary or becondary prevention of continuous),der events
CCD Wet	Betweeners: MCC Dancel Galeton MCC Part Contents	Description of Rule Logic: Passes aged 11 years or server vitimat familial legeschildentinetenses without chronic lattery foosses stage 5, with ideal near thipmen rate familiary 72%2 and above or untinew when the last 10 years prescribed reading and presentant when 6 month
(Wew Tropper Products ) ( New Audit History )		-0-446
Add a specific local message	Insert direct links to local —	Core message components are —
	guidance sources	maintained by the OptimiseRx Content Team



### **CCG TEXT AND URL CAN BE EDITED & DELETED**

WITH A FULL AUDIT HISTORY CAPTURING THE CHANGES

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even use of ticalitie and proparations				
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CG Teat:	/0	References	o	Description of Hule Logic:
ly ask refler to local guidelines for more information		1997. Simon Destations		Patients apped 18 years or over - draud familial hypercharacteriseamia without chromic taching disease stage 5 with latest remail littration rate 15-instancy 12 lim2 and above ar unknown witter the last 10 years, prescribed incolors, and preparations within 9 reprints
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View Tangger Products View Audit History			<b>-</b>	i0.426
onue 10.02		8		
Full audit history of changes		🔶 Edit and delete content 🚽		🕘 Blue icon identifies when 🛛 💳
		that you have added		a message has been edited

Lete	User	Action	Enrid	Okt Value	New Value
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14/11/2017 10 33 30	****	URL Edited	OsplayHime	local reference	issui references
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# FDB OptimiseRx Best Practice & Safety: Do Not Prescribe Messages

#### **INTENTION OF MESSAGE**

Do Not Prescribe messages present the prescriber with a message providing localised guidance and national best practice guidance which indicates that the drug product in focus may not be appropriate to prescribe for the patient in context.

### SOURCES REFERENCED

Nationally Triaged Sources, Local Sources.

### **MESSAGE CRITERIA**

Do Not Prescribe messages will trigger once an applicable drug product has been selected and any additional logic in relation to patient specific context is met. Message logic can assess criteria such as documented patient specific medical history, previously prescribed drug products and patient specific parameters.

# WORKFLOW: NEW PRESCRIPTIONS

Do Not Prescribe messages will appear once a product has been selected (prior to dose and supply quantity being defined) if the message logic is met.

Message logic can assess criteria such as documented medical history, previously prescribed products and patient specific criteria. The message will explain its rationale for firing and may include additional information on interventions. This message type cannot be accepted or rejected, only acknowledged.

These message types will also trigger on reauthorisation and restart if the criteria is met.

#### REPORTING

The performance of Do Not Prescribe Messages can be monitored over time through the Best Practice Message Metrics Report, available on the OptimiseRx Portal.

Accept and reject counts for these messages are taken from whether the message trigger drug product was or was not prescribed at the end of the consultation where the message displayed.



#### FDB OptimiseRx - Best Practice & Safety: Do Not Prescribe Messages

st practice guidance	
	Optimise R
Selected drug - Prucalopride 1mg tablets	
Review use of prucalopride.	
Source	View reference information
NICE guidance for the use of prucalopinde in chronic constipation in women (TA211, December 2 who have failed to get adequate relief when treated with at least two laxatives from different cb for at least 6 months and in whom rivasive treatment is being considered. Although NICE TA211 recently been changed to include men; it is anticipated that the guidance will be updated in due to the second	asses, at the highest tolerated recommended doses relates to women, the licensed indications have
View the tracered rule for this patient	
Disdaimer: The Medicines Optimisation module is intended for the use of healthcare professionals and is provided on the basis that the healthcare professionals will retain FULL and SOLE responsibility for deciding	

# Example of a point of care Best Practice & Safety Do Not Prescribe Message in EMIS Web

★ Expand All	Collapse All	Reset Al Warnings	Source All with Reason	X Overrule All
Review us	se of prucalopride		🗰 Overrule with Rea	son 🗰 Overrule
abents who have	a failed to get adequate relief when tre	constipation in women (TA211, Decem aled with at least two laxatives from diff n invasive treatment is being considere	erent classes, at the highest tol	erated
nen. References Mi	CE NICE	ude men, it is anticipated that the guida	-	
nen.	CE NICE	ude men, it is anticipated that the guida	-	
nen. References Mi Why is this warnin sclaimer: The Opt	CE NICE ng showing? imiseRx module is intended for the use of f	ude men, it is anticipated that the guida eathcare professionals and provided on th ; or dispense for any particular patient or ci	ance will be updated in due cour e basis that the healthcare profession	rse to include onats will retain Ft

# Example of a point of care Best Practice & Safety Do Not Prescribe Message in SystmOne

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# FDB OptimiseRx: Formulary Messages

(Also known as RAG or Traffic Light Messages)

#### **INTENTION OF MESSAGE**

Formulary Messages notify the prescriber whether the drug product being prescribed is on a CCG restricted list (most commonly 'amber' or 'red') and provide additional guidance provided by local guidance (e.g. only prescribe under specialist supervision, do not prescribe). These messages are information only and do not provide alternative drug products.

#### SOURCES REFERENCED

Local Formularies.

#### **MESSAGE CRITERIA**

Formulary messages will trigger once an applicable drug product has been selected and it appears on a formulary list.

Messages can also be condition specific, meaning that an alert will only be presented if a drug is/is not being prescribed for a documented indication.

As a localised formulary feature, you have control over the message criteria.

# WORKFLOW: NEW PRESCRIPTIONS

Formulary messages will appear once a drug product has been selected (prior to dose and supply quantity being defined) if the message logic is met. Message logic may include patient specific medical history for indication specific formulary messages.

The message will explain its rationale for presenting and allow the prescriber to acknowledge the message, after which they can either continue or stop prescribing the drug product. 'Amber' messages (or other colour indicating shared care) will be authored to only fire at initial prescribing whereas 'red' messages will fire whenever a 'red' product is prescribed or reauthorised. A link to local formulary guidance will be provided within a Formulary Message.

#### REPORTING

The performance of Formulary Messages can be monitored over time through the Formulary Message Metrics Report, available on the OptimiseRx Portal.

#### FDB OptimiseRx: Formulary Messages

est practice guidance	
	Optimise R <sub>x</sub>
elected drug - Atosiban 6.75mg/0.9ml solution for injection vials	
The selected product is classified as RED.	
Source	View reference information
Only suitable for use within hospital or specialist care setting.	,
View the triggered rule for this eatent	
Dadaimer: The Medicines Optimisation module is intended for the use of healthcare professionals and is provided on the basis that the healthcare professionals will retain FULL and SOLE responsibility for deciding what treatment to prescribe or dispense for any particular patient or oncursitance: <u>View full disclaimers</u> .	OK

#### Example of a point of care 'Red' Formulary Message in EMIS Web

✓ Expand All  Collapse A		Reset All Warnings	Cyerrule All with Reason	Sverrule All
The selected product i	s classified as RED		# Overrule with Rea	ison 🗱 Overrule
Only suitable for use within hos	pital or specialist care setting	(	1948.4	
References electronic Medicine	es Compendium			
Why is this warning showing?				
antalanas. The OstimizaRy must do in i	stended for the use of healthcard	e professionals and provided on the	e basis that the healhcare professi	onais will retain FU

Example of a point of care 'Red' Formulary Message in SystmOne

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# FDB OptimiseRx Best Practice & Safety: Information Only Messages

#### **INTENTION OF MESSAGE**

Information Only messages present the prescriber with an informational message promoting an intervention or consideration relating to the drug product being prescribed. This message cannot be accepted or rejected as any intervention is intended to be made outside of the prescribing workflow.

#### SOURCES REFERENCED

Nationally Triaged Sources, Local Sources.

### **MESSAGE CRITERIA**

Information Only messages will be presented once an applicable drug product has been selected and any additional logic in relation to patient context is met. Message logic can assess criteria such as documented patient specific medical history, previously prescribed drug products and patient specific parameters.

# WORKFLOW: NEW PRESCRIPTIONS

Information Only messages will appear once a drug product has been selected (prior to dose and supply quantity being defined) if the message logic is met.

The message will explain its rationale for firing along with the potential interventions. This message type can only be acknowledged by a prescriber who can then continue with their existing prescription.

These message types will also trigger on reauthorisation and restart if the criteria are met.

#### REPORTING

The performance of Information Only Best Practice Messages can be monitored over time through the Information Only Messages Report, available on the OptimiseRx Portal.



#### FDB OptimiseRx - Best Practice & Safety: Information Only Messages

	Optimise <b>R</b>
elected drug - Metformin 500mg tablets	
Monitor the patient's serum creatinine; no result recorded within 1 year.	
Source	View reference information
A Royal College of General Practitioners (RCGP) indicator (2014) to assess the safety of prescribing annual serum creatine check is potentially hazardous and may put those patients at risk of harm, begins and regularly (e.g. annually) thereafter.	g states that prescribing metformin without an . Renal function should be checked before therapy
Metformin is mainly excreted via the koneys; any loss in renal function would lead to a rise in met View the trippered rule for this patient	formin concentration thus increasing the risk of
isdamer. The Medicines Optimisation module is intended for the use of healthcare professionals and is	
rovided on the basis that the healthcare professionals will retain FLILL and SOLE responsibility for deciding that treatment to prescribe or dispense for any particular patient or circumstance. Yow full disclament.	OK

#### Example of a point of a Best Practice & Safety Information Only Message in EMIS Web

🍸 OptimiseRx Warnings for Metformin 500mg tablets	×
* Expand All Collapse All	
Monitor the patient's serum creatinine; no result recorded within 1 year	i
A Royal College of General Practitioners (RCGP) indicator (2014) to assess the safety of prescribing states that prescribing metformin without an annual serum creatinine check is potentially hazardous and may put those patients at risk of harm. Renal function should be checked before therapy begins and regularly (e.g. annually) thereafter.	
Metformin is mainly excreted via the kidneys; any loss in renal function would lead to a rise in metformin concentration thus increasing to risk of potential side effects, such as lactic acidosis.	18
References bigp org	
Why is this warning showing?	
sclaimer: The OptimiseRx module is intended for the use of healthcare professionals and provided on the basis that the healthcare professionals will retain vi SOLE concernities for deciding what instants to provide an element of a module for structure of the SoLE Deciding of	n FUU
nd SOLE responsibility for deciding what treatment to prescribe or dispense for any particular patient or circumstance View Full Disclaimer	

Example of a point of a Best Practice & Safety Information Only Message in SystmOne

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## FDB OptimiseRx Best Practice & Safety:

# Prescribable Alternative Products

#### INTENTION OF MESSAGE

Prescribable Alternative Product Best Practice and Safety messages present the prescriber with national best practice guidance and localised clinical guidance relating to the drug product being prescribed and patient in context. This message can be acted on (accepted or rejected) and an alternative drug product selected to be prescribed within the workflow.

### SOURCES REFERENCED

Nationally Triaged Sources, Local Sources.

### **MESSAGE CRITERIA**

Prescribable Alternative Product Best Practice and Safety messages will trigger once an applicable product has been selected and any additional message logic in relation to patient specific context is met. Message logic can assess criteria such as documented patient specific medical history, previously prescribed drug product and patient specific parameters. The message will explain its rationale for firing along with the intervention that can be made.

#### END-USER WORKFLOW: NEW PRESCRIPTIONS

Alternative Product Best Practice and Safety messages will appear to the prescriber once a drug product has been selected (prior to a dose and supply quantity being defined) if the message logic is met. Prescribers can accept or reject this message.

These message types will also trigger on reauthorisation and restart if the criteria are met.

## REPORTING

The performance of Alternative Product Best Practice Messages can be monitored over time through the Best Practice Message Metrics Report, available on the OptimiseRx Portal.

#### FDB OptimiseRx - Best Practice & Safety: Prescribable Alternative Products

elected drug · Azithromycin 250mg capsules	
Review choice of antibiotic; consider amoxiciliin, clarithromycan or doxycycline.	🖌 Accept 🔀 Reject
Source	View reference informatio
Public Health England (PHE, Nay 2017) recommend a S-day course of amodellan, darithromych or doxycy severity (CR865 severity score = 0) community acquired pneumonia, reviewing treatment at 3 days and days if poor response. For moderately severe cases (CR865 severity score = 1 or 2; assess if atypical) treatment with darithromych and amozicilin is recommended, or treat with doxycycline alone. For patients <u>View the transpeed rule for this patient</u> .	extending treatment duration up to 7 to 10 ated at home, a 7 to 10-day course of dual

#### Example of a point of care Best Practice & Safety Actionable Message in Emis Web

✓ Expand All	Collapse All	Reset Al Warnings	# Overrule All with Reason # Overrule /
	oice of antibiotic; consider amo ycin or doxycycline	cicillin, 🖌 🖌 Show 8 S	uggestions 🗰 Overrule with Reason 🗰 Overru
low severity (CRB 7 to 10 days if poo	65 severity score = 0) community acquired ir response. For moderately severe cases	I pneumonia, reviewing treatment a (CRB65 severity score = 1 or 2; as	nycin or doxycycline for the first-line treatment o at 3 days and extending treatment duration up t sess if atypical) treated at home, a 7 to 10-day
score = 3 or 4, ad	nit urgently to hospital for treatment.	recommended, or treat with doxycy	cline alone. For patients with a CRB65 severit
score = 3 or 4, ad References - Nil	nit urgently to hospital for treatment.	recommended, or treat with doxycy	rcline alone. For patients with a CRB65 severit
score = 3 or 4, ad References — MR Aby Is this warnin	mit urgently to hospital for treatment. CE TIICE MICE www.gov.uk Ig showing?	-51 - 12	
score = 3 or 4, ad References MR Why is this warnin selaimer: The Opti	mit urgently to hospital for treatment. CE TIICE MICE www.gov.uk Ig showing?	care professionals and provided on the	e basis that the healthcare professionais will retain F

#### Example of a point of care Best Practice & Safety Actionable Message in SystmOne

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# FDB OptimiseRx: Best Practice Sources

The OptimiseRx content team routinely evaluate multiple national best practice sources for content to be authored into OptimiseRx messages.

### **DRUG SAFETY ALERTS (MHRA)**

Medicines and Healthcare Products Regulatory Agency (MHRA) Drug safety alerts are reviewed for possible inclusion in OptimiseRx.

#### **INCLUDED**

Alerts from the MHRA affecting drugs prescribed in primary care that OptimiseRx logic can support are authored.

#### **EXCLUDED**

Where there is no additional value over the prescribing decision support already present in clinical systems. Safety alerts relating to drugs used only in secondary care, United States Food and Drug Administration (FDA) warnings or non-UK source alerts (except for European Medicines Agency) and alerts relating to devices and field safety notices are also excluded.

#### **PUBLIC HEALTH ENGLAND**

Antimicrobial Public Health England (PHE) guidance is currently monitored for inclusion in OptimiseRx. All other PHE guidance is not actively reviewed for inclusion however may be considered on customer request.

#### PRESCQIPP

All publicly available PrescQIPP bulletins are reviewed for inclusion in OptimiseRx.

#### NICE GUIDANCE

NICE Guidance related to the below core long term conditions are reviewed on release for potential messages to be included in OptimiseRx:

#### CORE THERAPEUTIC TOPICS

- Diabetes
- Ischaemic heart disease
- Heart failure
- Hypertension
- Chronic Kidney Disease
- Chronic Obstructive Pulmonary Disease

### NICE KEY THERAPEUTIC TOPICS

All NICE KTTs (published on an annual basis) are reviewed for potential addition of OptimiseRx messages.

### **NHS ENGLAND**

NHS England is monitored and guidance related to NHS England funded and recommended medications is reflected in OptimiseRx messages.

### **OTHER SOURCES**

The below sources are also monitored periodically for any relevant information that may affect existing messages:

- SPC updates (e.g. changes to indications/licensing that may affect existing messages)
- Drug Tariff (Borderline substances)
- Ophthalmic Specials
- Prescribing indicators:
  - Royal College of GPs revalidation safety prescribing indicators
  - Beers criteria
  - STOPP criteria
  - PINCER

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### FDB OptimiseRx:

# Working alongside existing Clinical Decision Support

#### AIMS OF MESSAGE

OptimiseRx messages enable you to deliver high value clinical guidance at the point of care. All messages aim to be succinct, accurate and patient contextual to avoid prescriber alert fatigue and/or possible confusion.

OptimiseRx messages need to be complimentary to the presence of alerts in clinical systems and avoid any potential to duplicate or overlap with these.

To achieve this, OptimiseRx messages should not directly overlap or interact with a clinical system's existing Clinical Decision Support (CDS).

OptimiseRx may include messages that are also present in a clinical system's prescribing decision support where OptimiseRx can offer CCGs and prescribers additional value over and above what is offered in existing CDS. This ensures that OptimiseRx never directly duplicates existing CDS present in clinical systems and ensures that the use of OptimiseRx is consistent across these clinical systems. Where a message is unable to be activated in EMIS Web it will be denoted in the OptimiseRx portal by the examples.

### **STEP 1: SAFETY SOURCES**

National best practice guidance issued by the below authoritative sources are routinely reviewed for possible messages:

- MHRA Drug Safety Alerts
- Royal College of GPs revalidation safety prescribing indicators
- NICE Guidance & Key Therapeutic Topics

Additionally, customer message requests may occasionally overlap with existing CDS provided in the clinical system. These items are appraised by the FDB editorial team who will consider the addition of these messages based on the additional value OptimiseRx may be able to offer.



#### **STEP 2: ADDITIONAL VALUE**

Where message requests conflict or overlap with a clinical system's existing CDS, the OptimiseRx message must provide additional value to the prescriber. Additional value can be defined as either:

#### ADDITIONAL PATIENT SPECIFICITY

The OptimiseRx message must contain patient criteria additional to what is used by existing CDS and therefore limiting the presentation of the message to a defined set of specific patient scenarios. This additional patient specificity means messages will present in specific circumstances only; this is not the case if the modification is only present in the text of the message and not something that can be coded against to avoid excessive alerting.

#### **PROVIDING A PRESCRIBABLE ALTERNATIVE PRODUCT**

Navigating to alternative drug products makes it easier for prescribers to adhere to guidance and therefore gain greater benefit from OptimiseRx compared to a clinical system's existing CDS. Where an appropriate alternative drug product has been proposed by a CCG or in national best practice guidance consideration will be given to authoring an OptimiseRx message that may otherwise directly conflict or overlap with the clinical system's CDS.



\*Please note this OptimiseRx functionality is only available within the SystmOne and Microtest system

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