

Medicines Optimisation

EMIS Web RD - Standard approach to electronic Repeat Dispensing for 'when required' medicines or items that do not synchronise with a 28 day cycle.

Version issue date:	27/02/2018
Date of MO Q&G approval:	27/02/2018
Date of review:	February 2020
Circulation:	Internal/External

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Electronic Repeat Dispensing (eRD) simplifies the repeat prescribing process for patients, practices and pharmacies, allowing the prescriber to authorise up to 12 month's supply with one digital signature. While the process is straightforward for regular, daily medication, care is needed when initiating medication taken when required.

This guide is designed to be used alongside:

- NECS Model Repeat Prescribing System: <http://medicines.necsu.nhs.uk/download/model-repeat-prescribing-system/>
- NECS and NHS digital eRD e-learning: <http://medicines.necsu.nhs.uk/education-training/erd-elearning/>

'When required' Pro re nata (PRN) medication can be prescribed using eRD on a separate batch to regular, daily medication. The prescriber can set the specified intervals based on the predicted number of uses/doses. If the patient runs out, the next issue can be downloaded in advance – based on clinical assessment by the dispenser. This may mean an extra prescription is needed to ensure the patient has enough medication to last until their next review. Limiting the number of issues for 'when required' medicines will:

- Prompt a request to the GP in year for further prescriptions that may signal potential overuse
- Allow the practice to identify annual use at the time of condition or medication review
- Enable an intervention from the community pharmacist at the point of supply under the terms and conditions of the eRD service
- Enable community pharmacists to offer these patients advice about their usage of medication and prioritise for a medication usage review (MUR).

Example 1: Salbutamol inhaler Chloro-fluorocarbons (CFC) free

- i. PRN medicines and those that do not synchronise with a 28 day cycle, such as salbutamol 100 microgram/dose inhaler CFC free, can be added to eRD as a limited number of issues.
- ii. Add salbutamol 100microgram/dose inhaler CFC free to the patient medication record.

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iii. Add the quantity to supply for each issue and press IGNORE.

iv. Choose the number of issues appropriate for the repeat period e.g. 12 month period. For eRD this needs to be set at 2 or greater. To ensure the prescription can be issued with other eRD batch scripts, the Variable Use box should be ticked.

The salbutamol 100microgram/dose inhaler CFC free contains 200 doses and, if used regularly at the prescribed dose, should last a minimum of 25 days. Limiting the number of devices to less than one per month follows National review of asthma deaths (NRAD) criteria for improving care of asthma patients, and will trigger an intervention by the practice and/ or pharmacy if this is exceeded.

v. When the number of issues has been added, the screen will indicate the number of issues for the given repeat period.

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Active	TEST, Emis (Mr)	Born 21-Dec-1994 (22y)	Gender Male	NHS No. Unknown	
		Usual GP DEWAN, V (Dr)			
Current					
Drug / Dosage / Quantity	Usage Current / Average	Last Issue Date / Authoriser	Last Issue Number / Method		
Variable use repeat dispensing					
A Salbutamol 100micrograms/dose inhaler CFC free One Or Two Puffs To Be Inhaled upto Four Times A Day as Required, 1 x 200 dose		DEWAN, V (Dr)	0 of 7		

- vi. When a regular prescription item is added, such as DuoResp Spiromax[®] 160 micrograms/dose/4.5micrograms/dose dry powder inhaler, an Inhaled corticosteroid and long-acting beta-2 agonist combination (ICS/LABA) combination inhaler is added EMIS Web will automatically separate Variable Use items from other repeats when eRD batches are issued.

Active	TEST, Emis (Mr)	Born 21-Dec-1994 (22y)	Gender Male	NHS No. Unknown	
		Usual GP DEWAN, V (Dr)			
Current					
Drug / Dosage / Quantity	Usage Current / Average	Last Issue Date / Authoriser	Last Issue Number / Method		
Repeat dispensing					
A DuoResp Spiromax 160micrograms/dose / 4.5micrograms/dose dry powder inhaler (Teva UK Ltd) Two Puffs To Be Inhaled Twice A Day, 1 x 120 dose		DEWAN, V (Dr)	0 of 12		
Variable use repeat dispensing					
B Salbutamol 100micrograms/dose inhaler CFC free One Or Two Puffs To Be Inhaled upto Four Times A Day as Required, 1 x 200 dose		DEWAN, V (Dr)	0 of 7		

- vii. When issuing the eRD prescriptions, both the regular items and the Variable Use can be issued at the same time.

TEST, Emis (Mr)	Born 21-Dec-1994 (22y)	Gender Male	NHS No. Unknown	Usual GP DEWAN, V (Dr)
Has not had a regime review Send Reminder Review				
NHS Printed Script (non-EPS)				
To Be Signed By: DEWAN, V (Dr)				
Salbutamol 100micrograms/dose inhaler CFC free One Or Two Puffs To Be Inhaled upto Four Times A Day as Required, 1 x 200 dose	Repeatable (7)	Remove		
To Be Signed By: DEWAN, V (Dr)				
DuoResp Spiromax 160micrograms/dose / 4.5micrograms/dose dry powder inhaler (Teva UK Ltd) Two Puffs To Be Inhaled Twice A Day, 1 x 120 dose	Repeatable (12)	Remove		

- viii. The prescription issues can be tracked on the clinical system, or the NHS digital prescription tracker.

Active	TEST, Emis (Mr)	Born 21-Dec-1994 (22y)	Gender Male	NHS No. Unknown	
		Usual GP DEWAN, V (Dr)			
Current					
Drug / Dosage / Quantity	Usage Current / Average	Last Issue Date / Authoriser	Last Issue Number / Method		
Repeat dispensing					
A DuoResp Spiromax 160micrograms/dose / 4.5micrograms/dose dry powder inhaler (Teva UK Ltd) Two Puffs To Be Inhaled Twice A Day, 1 x 120 dose	Expected End: 10-Jun-2018	15-Jun-2017 DEWAN, V (Dr)	1 of 12 Print		
Variable use repeat dispensing					
B Salbutamol 100micrograms/dose inhaler CFC free One Or Two Puffs To Be Inhaled upto Four Times A Day as Required, 1 x 200 dose	Expected End: 28-Dec-2017	15-Jun-2017 DEWAN, V (Dr)	1 of 7 Print		

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Example 2: Clobetasone butyrate cream

- i. PRN medicines and those that do not synchronise with a 28 day cycle, such as clobetasone butyrate 0.05% can be added to eRD as a limited number of issues.
- ii. Add clobetasone butyrate 0.05% to the patient medication record

Descripti...	Price	Supplier	Stock
30 gram	£1.86	Drug Tariff England/Wales	
100 gram	£5.44	Drug Tariff England/Wales	
30 gram	£1.86	GlaxoSmithKline UK Ltd	
100 gram	£5.44	GlaxoSmithKline UK Ltd	

- iii. Add the quantity to supply for each issue and press IGNORE.

Descripti...	Price	Supplier	Stock
30 gram	£1.86	Drug Tariff England/Wales	
100 gram	£5.44	Drug Tariff England/Wales	
30 gram	£1.86	GlaxoSmithKline UK Ltd	
100 gram	£5.44	GlaxoSmithKline UK Ltd	

- iv. Choose the number of issues appropriate for the repeat period e.g. 12 month period. For eRD this needs to be set at 2 or greater. To ensure the prescription can be issued with other eRD batch scripts, the Variable Use box should be ticked.

Descripti...	Price	Supplier	Stock
30 gram	£1.86	Drug Tariff England/Wales	
100 gram	£5.44	Drug Tariff England/Wales	
30 gram	£1.86	GlaxoSmithKline UK Ltd	
100 gram	£5.44	GlaxoSmithKline UK Ltd	

It is recommended that the quantity of emollient prescribed for a chronic skin condition exceeds other topical treatments such as corticosteroids, such as clobetasone butyrate, by at least 10 times. The quantities required should be explored with the patient to balance potential for underuse, control of their skin

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condition and wastage*. Under or over use will trigger an intervention by the practice and/ or pharmacy.

When the number of issues has been added, the screen will indicate the number of issues for the given repeat period.

- v. When a regular prescription item is added, such as white soft paraffin 50%/liquid paraffin 50%, is added EMIS Web will automatically separate Variable Use items from other repeats when eRD batches are issued.

Repeat dispensing			
Fexofenadine 180mg tablets One To Be Taken Each Day, 30 tablet	Altered	19-Jul-2016	COOPER, Matthew (Dr) Print
Codeine 15mg tablets one to two tablets four times daily as required, 28 tablet	Altered	19-Jul-2016	COOPER, Matthew (Dr) Print
Paracetamol 500mg tablets Two To Be Taken Every 4-6 Hours Up To Four Times A Day, 100 tablet	Altered	13-Jul-2016	COOPER, Matthew (Dr) Print
White soft paraffin 50% / Liquid paraffin 50% ointment Apply at least twice daily to knees for eczema., 500 gram			COOPER, Matthew (Dr) 0 of 6
Variable use repeat dispensing			
Clobetasone 0.05% cream Apply Thinly Once Or Twice A Day to knees when needed for eczema., 30 gram			COOPER, Matthew (Dr) 0 of 6

- vi. When issuing the eRD prescriptions, both the regular items and the Variable Use can be issued at the same time.

MOUSE, Mickey (Mr) Born **03-Aug-1980 (37y)** Gender **Male**
 NHS No. **Unknown**

▲ Has not had a regime review [Send Reminder](#) [Review](#)

NHS Printed Script (non-EPS)

To Be Signed By: COOPER, Matthew (Dr)

▲ **Clobetasone 0.05% cream** Apply Thinly Once Or Twice A Day to knees when needed for eczema., 30 gram Repeatable (6) [Remove](#)

To Be Signed By: COOPER, Matthew (Dr)

White soft paraffin 50% / Liquid paraffin 50% ointment Apply at least twice daily to knees for eczema., 500 gram Repeatable (6) [Remove](#)

- vii. The prescription issues can be tracked on the clinical system, or the NHS digital prescription tracker.

References

NICE clinical knowledge summaries – Eczema-atopic:
<https://cks.nice.org.uk/eczema-atopic#!prescribinginfosub:4>

NICE clinical knowledge summaries – Psoriasis:
<https://cks.nice.org.uk/psoriasis#!prescribinginfosub:4>

NHS digital prescription tracker (N3 connection and smartcard required):
<https://portal2.national.ncrs.nhs.uk/prescriptionsadmin>

Abbreviations

Abbreviation	Definitions
PRN	<i>Pro re nata</i> – when required
CFC	Chloro-fluorocarbons
eRD	Electronic repeat dispensing
NRAD	National review of asthma deaths: http://medicines.necsu.nhs.uk/wp-content/uploads/2015/12/2015XNRADXBriefingXandXRRecommendations.pdf
ICS/ LABA	Inhaled corticosteroid and long-acting beta-2 agonist combination.

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