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|  | **NHS Prescription Services**Bridge House152 Pilgrim StreetNewcastle upon TyneNE1 6SN0845 850 0001nhsbsa.prescriptionservices@nhs.net[www.nhsbsa.nhs.uk](http://www.nhsbsa.nhs.uk)  19 June 2023 |
|  |

VERSION 6.2.0

Dear dm+d User,

**Xarelto® (Rivaroxaban granules for oral suspension) Risk of Potential Pack Size Confusion: dm+d Pack Sizes to be Updated to Reflect the Reconstituted Volumes**

There have been some enquiries in relation to a discrepancy between the bottle size for the Xarelto oral suspension dosage forms and the final reconstitution volume (RV) required to give a final concentration of 1 mg rivaroxaban per mL for the following dosage forms:

* 50 mL of water for the 100 mL bottle containing 2.625 g granules and
* 100 mL of water for the 250 mL bottle containing 5.25 g granules.

In scenarios where granules for oral suspension need reconstituting, dm+d should routinely author the pack sizes based on the actual reconstituted volume rather than e.g. the bottle size.

**In dm+d, this is advanced notice that from 1st August 2023** therefore, we are updating the pack sizes in dm+d associated with VMP Rivaroxaban 1mg/ml oral suspension sugar free and AMP Xarelto 1mg/ml granules for oral suspension. The updated pack sizes will reflect the actual reconstitution volume (RV) of the oral suspension supplied rather than the bottle size as follows:

**VMP**: Rivaroxaban 1mg/ml oral suspension sugar free

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| **Pack size concepts to be made INVALID** | **REPLACEMENT pack size concepts** |
| VMPP: 100ml (bottle size) | VMPP: 50ml (reconstituted volume) |
| VMPP: 250ml (bottle size) | VMPP: 100ml (reconstituted volume) |

**AMP**: Xarelto 1mg/ml granules for oral suspension (Bayer Plc)

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| **Pack size concepts to be made INVALID** | **REPLACEMENT pack size concepts** |
| AMPP: 100ml (bottle size) | AMPP: 50ml (reconstituted volume) |
| AMPP 250ml (bottle size) | AMPP 100ml (reconstituted volume) |

Note – the larger bottle size allows sufficient space for mixing the granules and water.

**Part VIIIA of the NHS England and Wales Drug Tariff** also includes an entry that refers to the 250ml pack size and this will similarly be updated from 250ml to 100ml for **1st August 2023** too.

**Clinical system suppliers should please** update their systems in a timely manner and please support your users. Please be mindful that there will be a time staggering between prescribing and dispensing system updates. Also, if there is any confusion for a few weeks after the update, dispensers and prescribers may need to link in with each other to ensure that a prescription order is in line with and reflects the **REPLACEMENT pack size concepts** in the tables above.

Should you have any further enquiries, please email nhsbsa.dmdenquiries@nhs.net

**Shift to use of UK extension IDs for all VMP concepts in both dm+d and SNOMED CT UK Drug Extension**

The changes for the shift to use of UK extension IDs for all VMP concepts in both dm+d and SNOMED CT UK Drug Extension are now being made and are available in TRUD. The roll out plan of batches and list of concepts effected by these changes are available [here](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdigital.nhs.uk%2Fservices%2Fterminology-and-classifications%2Fuk-medicines-terminology-futures%2Fchanges-to-digital-terminologies%2Fvirtual-medicinal-products-changing-from-snomed-core-code-to-snomed-uk-extension&data=05%7C01%7Cvictoria.robinson7%40nhs.net%7Cd5890993ea97433b498908db4bdb66ba%7C37c354b285b047f5b22207b48d774ee3%7C0%7C0%7C638187177908875060%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=wwhFqqAikLyg%2F9YG5FNG2GYiLLL85ghKSTJcLosNp4o%3D&reserved=0). Please always refer to the webpage in the link above for the latest information on the changes taking place. Further information about the above changes and the others planned for later in 2023 is available at the [UK Medicines Terminology Futures](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdigital.nhs.uk%2Fservices%2Fdigital-and-interoperable-medicines%2Fuk-medicines-terminology-futures%2Fchanges-to-digital-terminologies&data=05%7C01%7Cvictoria.robinson7%40nhs.net%7Cd5890993ea97433b498908db4bdb66ba%7C37c354b285b047f5b22207b48d774ee3%7C0%7C0%7C638187177908875060%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=EyGFNvXIx3UhKeJwjMqxLQS%2Fh6IAcPKxUt9yuzSjMrI%3D&reserved=0) pages. If you have any queries relating to any of the changes, please contact the delivery team at nhsdigital.ukmeds@nhs.net

**VMP ‘<Drug Form>’ coded attribute in dm+d – updated website content published.**

Following feedback from stakeholders, the Pharmacy Terminology team have updated the website content on the page: [Updating the NHS dm+d ‘<DRUG\_FORM>’ coded attribute within the Virtual Medicinal Product concept class - NHS Digital](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdigital.nhs.uk%2Fservices%2Fterminology-and-classifications%2Fuk-medicines-terminology-futures%2Fchanges-to-digital-terminologies%2Fupdating-the-nhs-dm-d-drug_form-coded-attribute-within-the-vmp-concept-class&data=05%7C01%7Cvictoria.robinson7%40nhs.net%7Cccc30d7492cd45b6979c08db6ceae126%7C37c354b285b047f5b22207b48d774ee3%7C0%7C0%7C638223528269375633%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=iVgvM6qbk7SsoXrb64IX0kcVHI5IHizFJYypOkvUZyw%3D&reserved=0). We have published further detail about the changes being made, including examples and timeframes for the work. Please always refer to the webpage in the link above for the latest information on the changes taking place.

We continue to seek feedback from dm+d users to understand if and how you use the VMP ‘<Drug\_Form>’ coded attribute using the [short survey](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fforms.office.com%2FPages%2FResponsePage.aspx%3Fid%3DHwf2UP67GkCIA2c3SOYp4oKnk8VcVu5Doaqzt4XKVD9UREpOM1VUNDQ1WFpDUFE4N0M4UVU4WDVNWS4u&data=05%7C01%7Cvictoria.robinson7%40nhs.net%7Cccc30d7492cd45b6979c08db6ceae126%7C37c354b285b047f5b22207b48d774ee3%7C0%7C0%7C638223528269375633%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=O9cGEsBYLRDdWz0Q9nI1QZlYsDQs1qwsKDWWN%2Fx5GmE%3D&reserved=0). The survey should only take a few minutes to complete, and your feedback is invaluable to us so we would be very grateful if you are able to respond. Please be assured that any personal details you submit will be treated in strict confidence.

Thank you in advance and if you have any questions about completing this survey, please contact: nhsdigital.ukmeds@nhs.net

For further information about all the enhancements, including those above, read [https://digital.nhs.uk/services/digital-and-interoperable-medicines/uk-medicines-terminology-futures](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdigital.nhs.uk%2Fservices%2Fdigital-and-interoperable-medicines%2Fuk-medicines-terminology-futures&data=05%7C01%7Cvictoria.robinson7%40nhs.net%7Cd5890993ea97433b498908db4bdb66ba%7C37c354b285b047f5b22207b48d774ee3%7C0%7C0%7C638187177908875060%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=5Dzf5s1Y2nNabv3Bn33zElVQTnX1KxEPYmgdOl%2F7kFY%3D&reserved=0).

**New dm+d webpage**

A new webpage has been created which consolidates all the key information about the NHS dictionary of medicines and devices (dm+d).

The page contains:

* an introduction to dm+d and its use as a fundamental standard
* the dm+d data model and key use cases of the main concept classes
* links to dm+d resources such as eLearning modules, policies, implementation and mapping guidance
* links for accessing dm+d data through the browsers, Terminology Server and TRUD
* videos providing an overview of the enhancements being made to the terminologies and using the Terminology Server
* contact information for implementation and technical queries and support with the development changes of the terminologies.

The webpage can be accessed through this [link](https://gbr01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fdigital.nhs.uk%2Fservices%2Fterminology-and-classifications%2Fdm-d&data=05%7C01%7Cvictoria.robinson7%40nhs.net%7Cd5890993ea97433b498908db4bdb66ba%7C37c354b285b047f5b22207b48d774ee3%7C0%7C0%7C638187177908875060%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6Ik1haWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=2PK8jEktUw%2BjSKoYrv1yelsISuxTZEquZbqPqhAI7s8%3D&reserved=0).

**DHSC require these concepts to be made available and visible (similar to licensed medicines) in prescribing and dispensing systems for the time being.**

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| **Specials/Imports added at request of DHSC to mitigate shortages in the supply chain** |
| **AMP Name** | **AMP SNOMED Code** | **Import/Special** | **dm+d extract date** |
| Desmopressin 150micrograms/dose nasal spray | 38955011000001100 | Imported  | 14/09/2020 |
| Desmopressin 150micrograms/dose nasal spray | 38996011000001101 | Special Order | 21/09/2020 |
| Cloral betaine 707mg tablets | 39069011000001104 | Imported | 12/10/2020 |
| Sandrena 1mg gel sachets | 40715411000001109 | Imported (Italy) |  13/06/2022 |
| Terizidone 250mg tablets | 41330211000001101 | Imported |  12/12/2022 |
| Cycloserine 250mg capsules | 38961511000001103 | Imported |  12/12/2022 |
| Selegiline 5mg tablets | 41527211000001102 | Imported |  20/03/2023 |
| Selegiline 10mg tablets | 41527511000001104 | Imported |  20/03/2023 |
| Fluoxetine 20mg/5ml oral suspension | 41528511000001100 | Special Order |  20/03/2023 |
| Fluoxetine 20mg/5ml oral solution | 41528711000001105 | Special Order |  20/03/2023 |
| Bupropion 150mg modified-release tablets | 38961311000001109 | Imported |  20/03/2023 |
| Capsaicin 0.025% cream | 41539411000001105 | Imported |  27/03/2023 |
| Capsaicin 0.075% cream | 41540711000001105 | Imported |  27/03/2023 |

**Invalidations**

The following concept has been invalidated. It was added erroneously.

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| **Concept to be made Invalid** | **Replacement concepts** |
| **AMP**Zinc and Castor oil cream Thornton & Ross Ltd | **AMP**n/a |
| **AMP SNOMED ID**21528011000001105 | **AMP SNOMED ID**n/a |
| **AMPP**100g | **AMPP**n/a |
| **AMPP SNOMED ID**21528311000001108 | **AMPP SNOMED ID**n/a |

The following concepts have been invalidated. The pack sizes were submitted erroneously.

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| **Concept to be made Invalid** | **Replacement concepts** |
| **AMP**Clopixol 10mg tablets (Star Pharmaceuticals Ltd) (AMP not being invalidated) | **AMP**n/a |
| **AMP SNOMED ID**41559911000001103 | **AMP SNOMED ID**n/a |
| **AMPP**28 tablet | **AMPP**100 tablet |
| **AMPP SNOMED ID**41560111000001100 | **AMPP SNOMED ID**41726011000001105 |

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| **Concept to be made Invalid** | **Replacement concepts** |
| **AMP**Clopixol 25mg tablets (Star Pharmaceuticals Ltd) (AMP not being invalidated) | **AMP**n/a |
| **AMP SNOMED ID**41560311000001103 | **AMP SNOMED ID**n/a |
| **AMPP**28 tablet | **AMPP**100 tablet |
| **AMPP SNOMED ID**41560411000001105 | **AMPP SNOMED ID**41726111000001106 |

**Advance Notice of Invalidations**

The following concepts will be invalidated mid-July. The concepts have been reauthored under the sugar free VMP.

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| **Concept to be made Invalid** | **Replacement concepts** |
| **AMP**Colecalciferol 3,000units/ml oral solution (A A H Pharmaceuticals Ltd) | **AMP**Colecalciferol 3,000units/ml oral solution sugar free(A A H Pharmaceuticals Ltd) |
| **AMP SNOMED ID**29714011000001102 | **AMP SNOMED ID**41797011000001103 |
| **AMPP**100ml | **AMPP**100ml |
| **AMPP SNOMED ID**29714111000001101 | **AMPP SNOMED ID**41797111000001102 |

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| **Concept to be made Invalid** | **Replacement concepts** |
| **AMP**Colecalciferol 3,000units/ml oral solution(Alliance Healthcare (Distribution) Ltd) | **AMP**Colecalciferol 3,000units/ml oral solution sugar free (Alliance Healthcare (Distribution) Ltd) |
| **AMP SNOMED ID**29294111000001107 | **AMP SNOMED ID**41797211000001108 |
| **AMPP**100ml | **AMPP**100ml |
| **AMPP SNOMED ID**29294411000001102 | **AMPP SNOMED ID**41797311000001100 |

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| **Concept to be made Invalid** | **Replacement concepts** |
| **AMP**Colecalciferol 3,000units/ml oral solution(Thame Laboratories Ltd) | **AMP**Colecalciferol 3,000units/ml oral solution sugar free (Thame Laboratories Ltd) |
| **AMP SNOMED ID**29317511000001101 | **AMP SNOMED ID**41796811000001107 |
| **AMPP**100ml | **AMPP**100ml |
| **AMPP SNOMED ID**29318011000001105 | **AMPP SNOMED ID**41796911000001102 |

dm+d Authoring Team