

Technical Bulletin: National Health Registration Number (AMPP) - Mandatory for the UK

Intended Audience

Onboarding Partners and MAHs

Situation

The National Health Registration Number (NHRN) field will be enforced for upload of Product Master Data to the UK MVS. A technical change to the EU Hub is to be implemented during H2 2019. From that time, Onboarding Partners (OBP) will be required to upload the NHRN (AMPP) in the Master Data for products marketed in the UK.

Background

The Actual Medicinal Product Pack (AMPP) code has been defined as the NHRN for the UK. AMPP codes (mapping to GTIN product codes) are generated by the NHS dm+d database and consist of a number typically 16, 17 or 18 digits with permitted length between 6 and 18 digits.

The information stored in the 2D data matrix bar code includes a product code as a GS1 standard 14-digit Global Trade Identification Number (GTIN). The UK does not require a NHRN or reimbursement code adding to the data in the 2D Matrix but does allow additional information to be included provided this has been formally assessed as part of the marketing authorisation.

The Master Data Download (G101) transaction of the UK MVS allows download of the master data for any product or group of products. Each Product Code (GTIN) is associated with a corresponding NHRN (AMPP) code. This allows cross-referencing via a look-up to the AMPP dataset (including pricing data) maintained in the dm+d directory.

Recommendations

MAHs and their respective OBPs should begin to prepare for the change.

For those MAHs marketing products with existing AMPP codes; Add the relevant AMPP code to the Master Data dataset for new Master Data uploads

For those MAHs marketing products that have not yet been assigned an AMPP code; Apply for a new AMPP code by contacting the dm+d via email: nhsbsa.indemandppdsupport@nhs.net or telephone: +44(0)191 203 5289.

Note: There is now no constraint to obtaining AMPP codes prior to receiving marketing authorisation.

Further Information

1. What is the NHS dm+d database

The UK National Health Service (NHS) uses a national dictionary database of medicines and medical devices (dm+d).

The dm+d provides:

- the recognised NHS Standard for uniquely identifying medicines and medical devices used in patient care
- clear, consistent recording and communication of information relating to medicines and devices used in patient care
- consistency in how medicines and medical devices are expressed through a robust published Editorial Policy

The dm+d contains a huge variety of information, including:

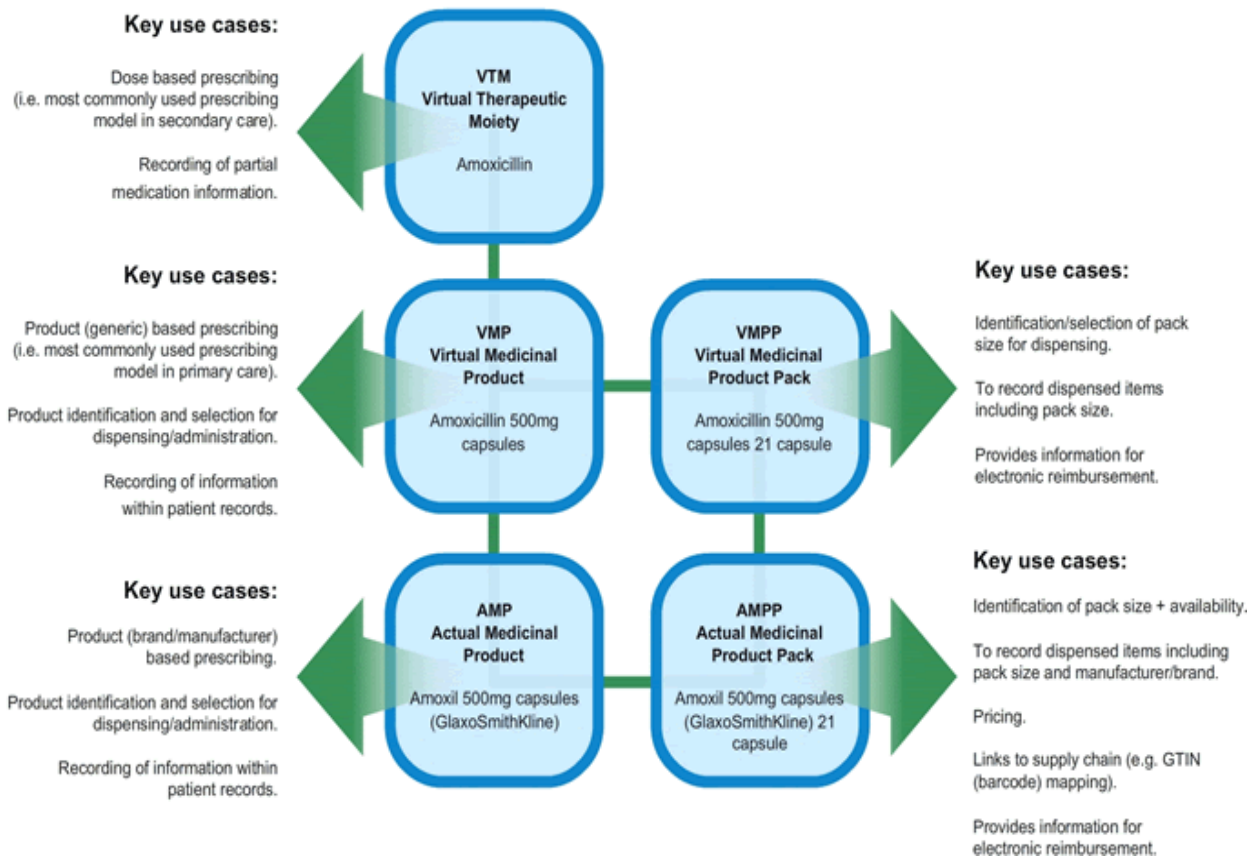
- whether a product will be reimbursed by the NHSBSA if submitted for reimbursement by a dispensing contractor
- the indicative price of each pack of a product (where a price is maintained by the NHSBSA)
- current and discontinued products and packs available from manufacturers and suppliers

This service is operated by the NHS Business Services Authority (NHSBSA)

2. How is a product modelled in the dm+d?

The dm+d consists of five distinct sub-sections each containing a set of entries. These sub-sections that can be visualised in the diagram below are:

- Virtual Therapeutic Moiety (VTM)
- Virtual Medicinal Product (VMP)
- Actual Medicinal Product (AMP)
- Virtual Medicinal Product Pack (VMPP)
- Actual Medicinal Product Pack (AMPP)



3. What is an AMPP?

An AMPP is the packaged product which is supplied for direct patient use or from which AMPs are supplied for direct patient use.

For a medicine, the AMPP description consists of:

AMP name (SmPC/packaging name) + Supplier + Quantity + Quantity unit of measure

e.g. Triludan Forte 120mg tablets + (Hoechst Marion Roussel) + 30 tablet

4. What is an AMPP code?

An AMPP code is an identifier for each AMPP and is also known as the Systematized Nomenclature of Medicine Clinical Terms (SNOMED CT) code. This comprises a string of numbers (usually 16 or 17 digits) unique to that product and pack. The AMPP identifier will never be re-used and given to another product or concept. The identifier will not be deleted, although there will be circumstances in which it could be marked as discontinued or no longer valid.

When NHSBSA and NHS Digital authoring teams update dm+d, SNOMED codes are auto-allocated at the AMPP level. *Note: SNOMED CT is an Anglo-American health information classification initiative.*

5. **How can I identify an AMPP code for my medicine?**

The AMPP code is available to view on the [dm+d browser](https://apps.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do) which is available here: <https://apps.nhsbsa.nhs.uk/DMDBrowser/DMDBrowser.do> .

Alternatively, the codes can be accessed by downloading the dm+d files from the [Technology Reference data Update Distribution \(TRUD\) website](#).

6. **What are AMPP codes used for?**

AMPP codes uniquely identify a product pack. They are used to identify a particular product pack in the supply chain, on electronic purchasing and record systems, from the initial point at which it is prescribed and reimbursed to when it appears on the patient record.

For FMD the AMPP code loaded with the product master data, as the National Code, and will be used to map the Product Code (GTIN) to reimbursement information in dm+d (EMVO Master Data Guide, Appendix 4)

7. **How do I apply for an AMPP code if my product does not have one?**

For accurate, fast and reliable updating of licensed medicines on dm+d, many companies use the eMC In-Demand website hosted by the NHS BSA here to enable generation of AMPP codes.

If you need any help you can contact the team at the NHS BSA by
Email: nhsbsa.indemandppdsupport@nhs.net or telephone: +44(0)191 203 5289.