General Data Protection Awareness

Mary Deasy, Data Protection Officer, HSE

An Overview of the National Medicinal Product Catalogue

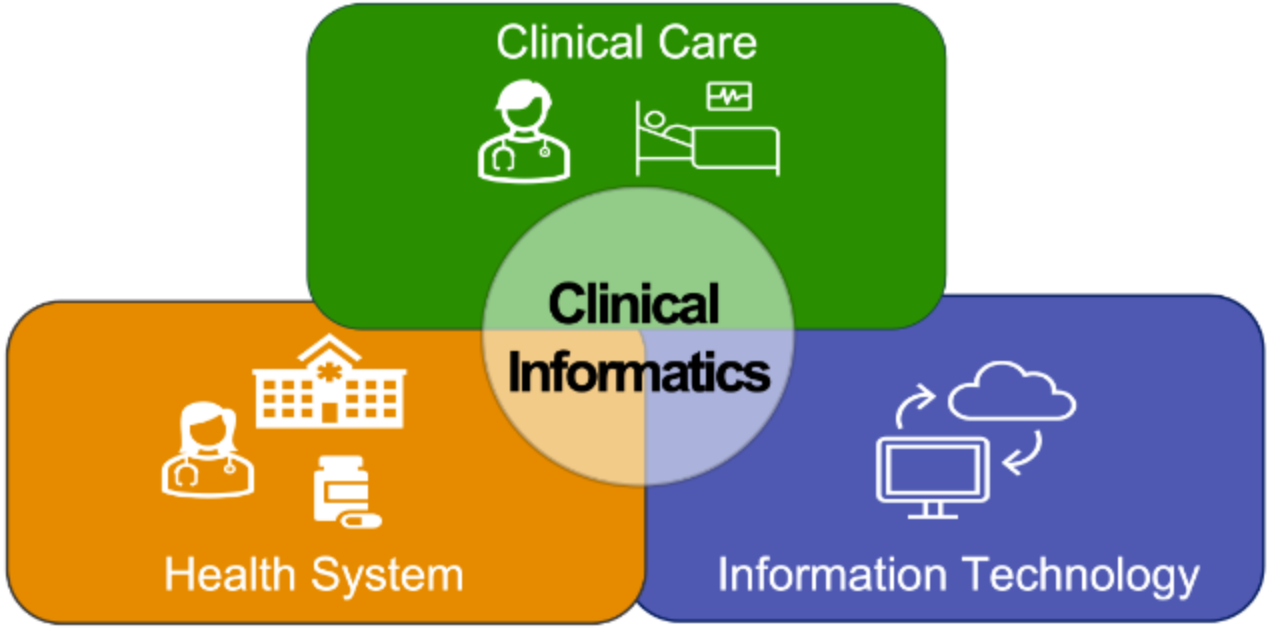
Shane Byrnes, Clinical Lead National Medicinal Product Catalogue (NMPC), HSE

Healthcare Informatics

- Healthcare informatics is the application of information technology to deliver health care services

- One of the fastest growing areas in health

- Objective of IIOP webinars:
  - ✓ Enhance awareness of current digital health projects
  - ✓ Basic informatics terminology/concepts



eHealth Ecosystem

National Medicinal Product Catalogue

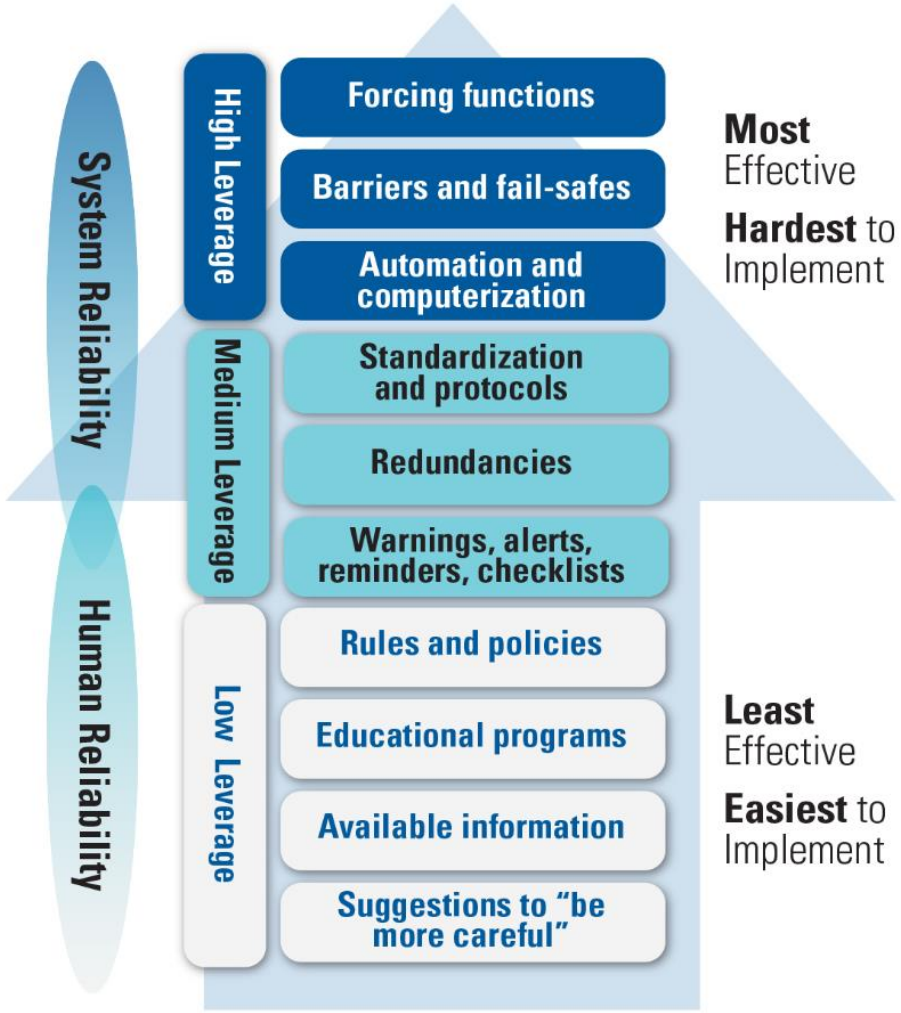
"An Overview of the NMPC"

Irish Institute of Pharmacy
Wed 20th March 2024

Introduction

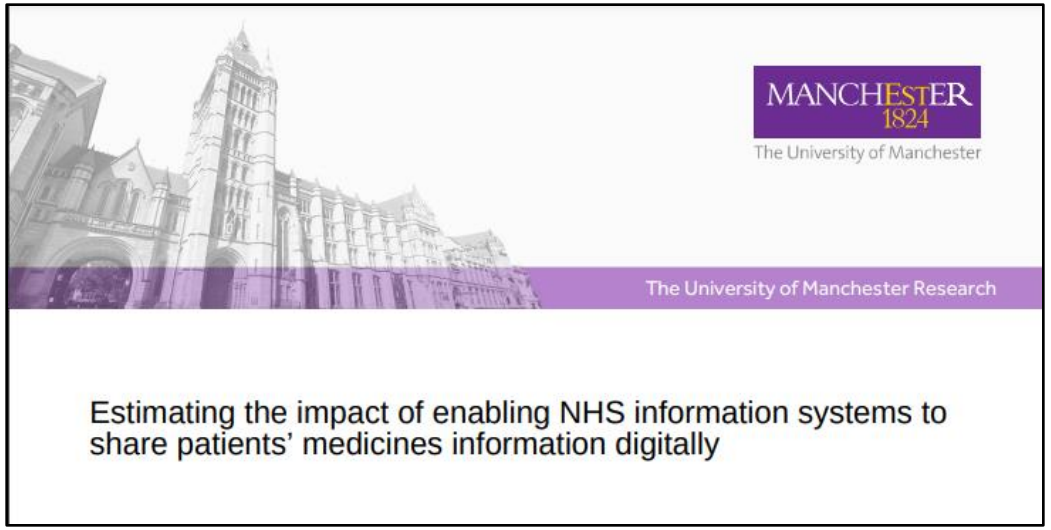
- ✓ Role of Information standardisation in medication safety
- ✓ What is the NMPC + Objectives
- ✓ What do we do to reach these objectives
- ✓ Potential for pharmacy processes:
  - ✓ Information Transfer
  - ✓ Standardised Descriptions
  - ✓ On-screen selection
  - ✓ Linking the medication activities
- ✓ Open Consultation

Standardised Information – Local Implementation

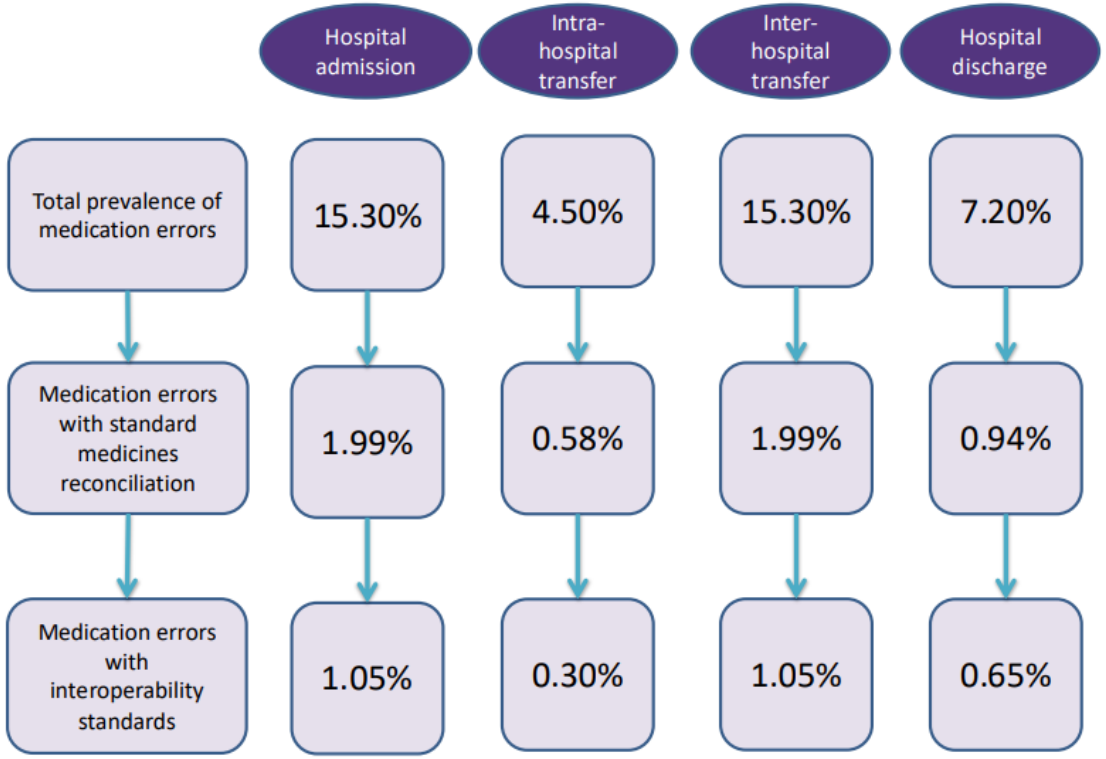


Methotrexate 2.5 mg oral tablets | 123456
- Route of administration = Oral | 98765
- Substance = Methotrexate | 546375

Standardised Information – National Impact



- Reduction in transition medication errors
- Reduction in patient harm from transition medication errors
- Reduction in excess bed days due to harm, and associated costs
- Reduction in deaths due to harm



National Medicinal Product Catalogue

- National medicines information standard for all healthcare settings
  - Common coding and descriptions
  - Common medicinal product information
- National service to support users to enable integrated medicines management.

Improved healthcare worker experience

Improved Patient Safety

Improved patient / user experience of healthcare

Improved use and re-use of healthcare data

Standards in everyday practice

SNOMED CT
The global language of healthcare

GS1

HPRA
An tÚdarás Rialála Táirgí Sláinte
Health Products Regulatory Authority

edqm
European Directorate for the Quality of Medicines & HealthCare | Direction européenne de la qualité du médicament & soins de santé
COUNCIL OF EUROPE

Catalóg Náisiúnta Leigheasanna
National Medicinal Product Catalogue

Community Pharmacy

Acute Hospitals

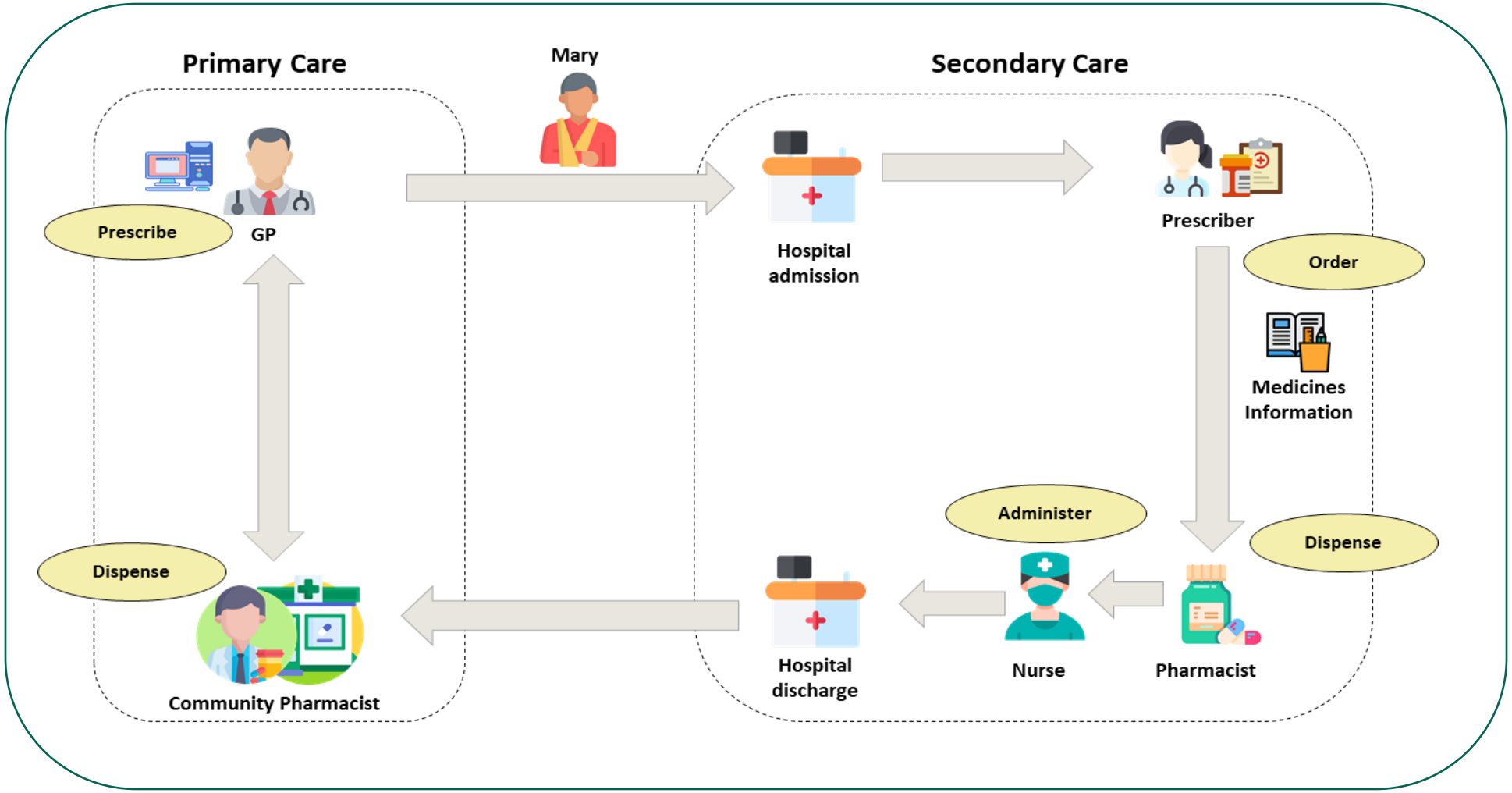
Private Healthcare

General Practice

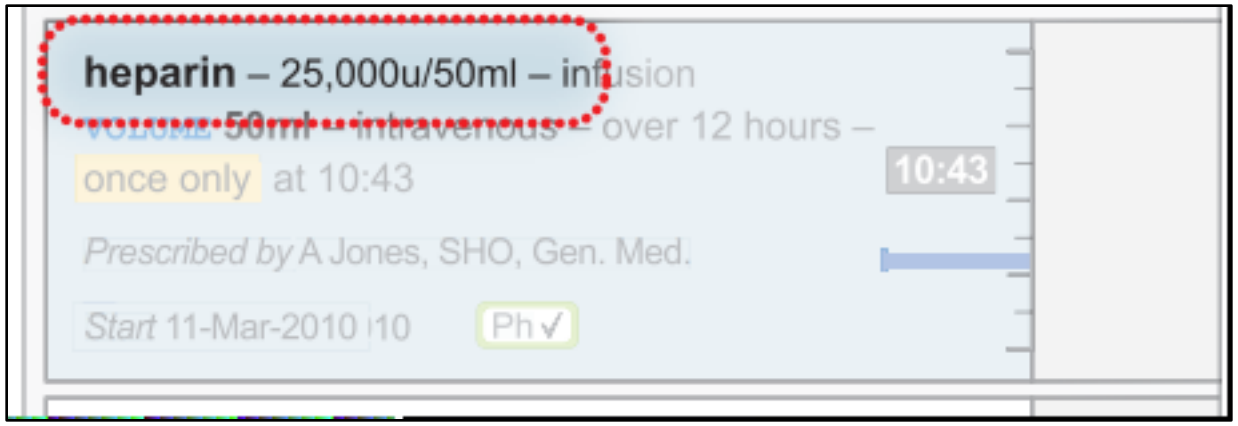
Specialist Services

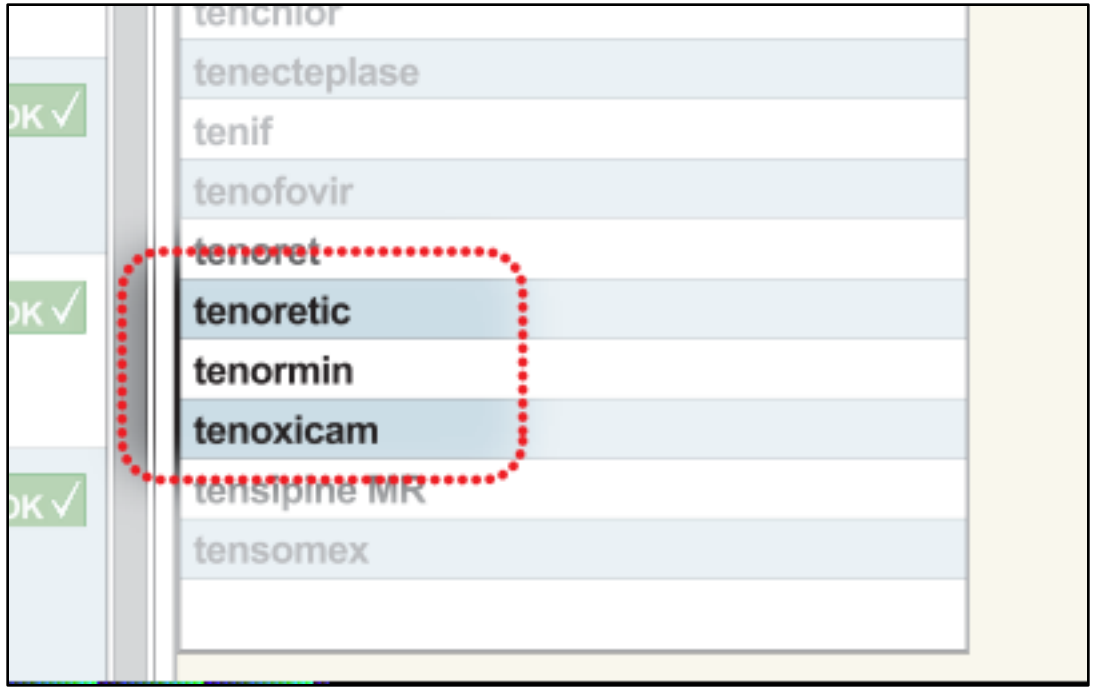
Residential Care

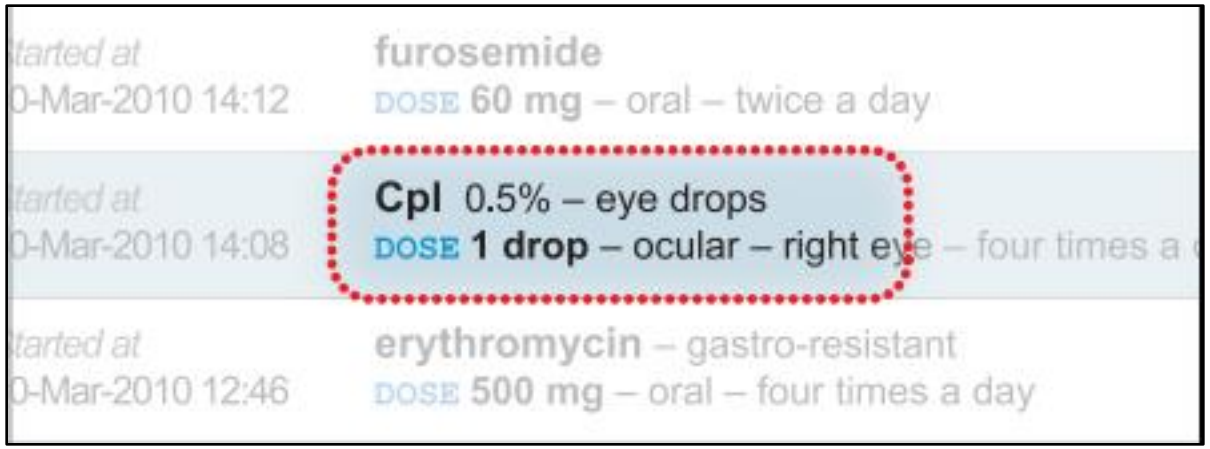
NMPC – Information Transfer



NMPC – Standardised Descriptions







NMPC – Selecting Medicines on-screen

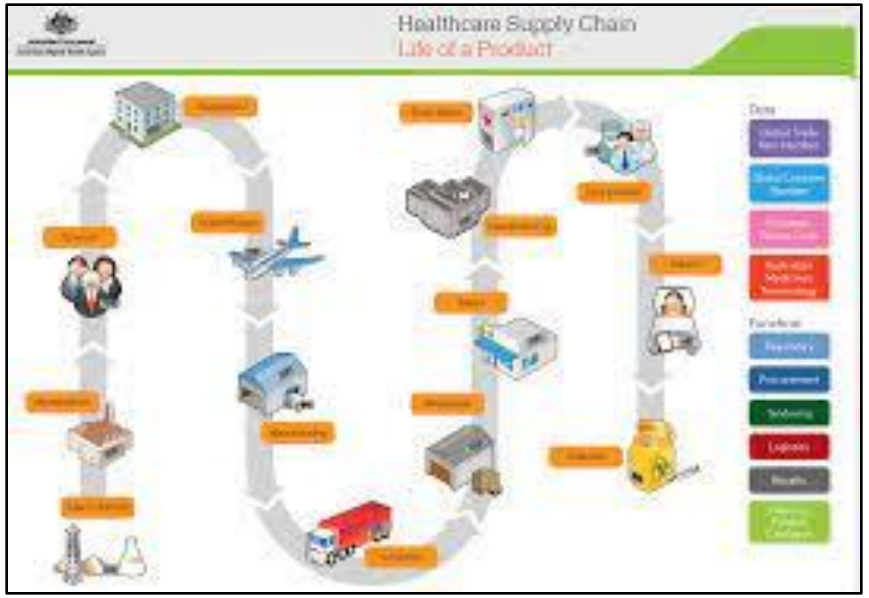
Aciclovir	Topical	Apply Three time daily
Freetext	*Freetext*	*Freetext*
Aciclovir	Topical	Apply Three time daily
12345	*Freetext*	*Freetext*
Aciclovir	Topical	Apply Three time daily
12345	*98765*	*Freetext*

→ Any product can be selected

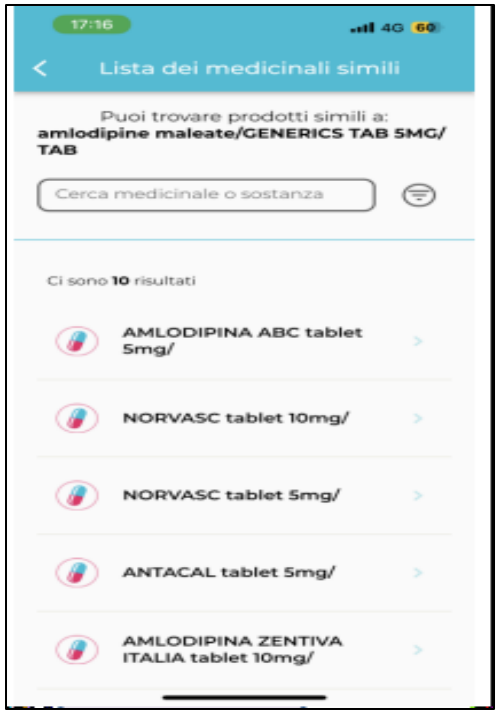
→ Only products related to 'Aciclovir' displayed by default – *supports prevention of drug-drug error*

→ Only products related to 'Aciclovir' AND topical route displayed by default - supports prevention of route errors

NMPC – Linking Medication Activities



Yellow Card



Open Consultation

We currently have an open consultation to provide feedback on set of information to be contained in the NMPC.

1. Please email nmpc@hse.ie if you are interested in providing feedback.
2. Closing date Fri 12th April 2024.

Thank You

Q&A