

**IHE**<sup>®</sup>  
EUROPE

**EXPERIENCE**  
SESSIONS  
15-17 JUNE 2021



UNICOM: IDMP in Europe  
*What does it mean for you?*



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## UNICOM: IDMP in Europe. *What does it mean for you?*

Dr Robert A. Stegwee

*Chair, CEN Technical Committee 251 Health Informatics*

*UNICOM Work Package Lead on IDMP-related standards and terminologies*



## **UNICOM aims:**

**to break down barriers hindering**

**the free flow of**

**detailed**

**semantically coded**

**interoperable**

**medicinal product information**

**across the globe**

## **UNICOM objectives:**

Implementation of IDMP for Marketing Authorization in EU countries and at EU level

Adaptation of Member States' cross-border digital health services to include IDMP

ePrescribing and eDispensing

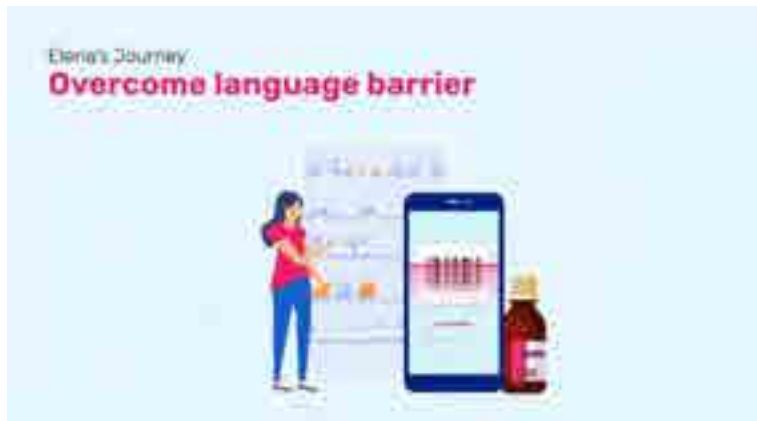
Patient Summary

Exploration and implementation of IDMP in clinical practice:

pharmacovigilance reporting

medicinal product dictionaries

digital health services



Full video on [YouTube](#)



EC supported Innovation Action on the implementation of IDMP standards

A broad consortium of partners

- 14 National Competent Authorities for Medicinal Products – including support from the European Medicines Agency
- 7 National eHealth Competence Centers / National eHealth Contact Points
- 5 Industry Partners (Health IT)
- 5 Research Organisations
- 2 Medicinal Database Providers
- 11 Standards Developing Organizations

4 year program: 2020-2023

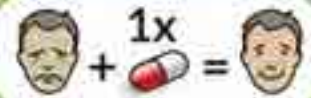
13 work packages

21 M€ total budget

Marketing Authorization and Pharmacotherapeutic  
Surveillance of Medicinal Products



Effective Clinical Use of Medicinal Products



Controlled Supply Chain  
of Medicinal Product Packages



**National implementations in:**  
**Austria, Belgium, Croatia, Estonia, Finland, Germany, Ireland, Norway, Portugal, Spain, Sweden, The Netherlands**

Work Package 1 is grouping Standard Development Organisations (SDO) and related organisations, which have a transversal impact on UNICOM



Our main task: to facilitate the implementation of IDMP Data Exchange

- Nearly 100 different standards define, use or should use IDMP in data exchange
- Liaising with all other WP, to gather their needs and provide inputs about standards

## What is your role in the life-cycle of a medicinal product?

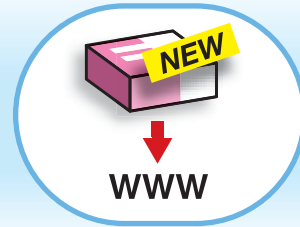
Development  
and  
Production



Regulation  
and  
Authorization



Dissemination  
and  
Information



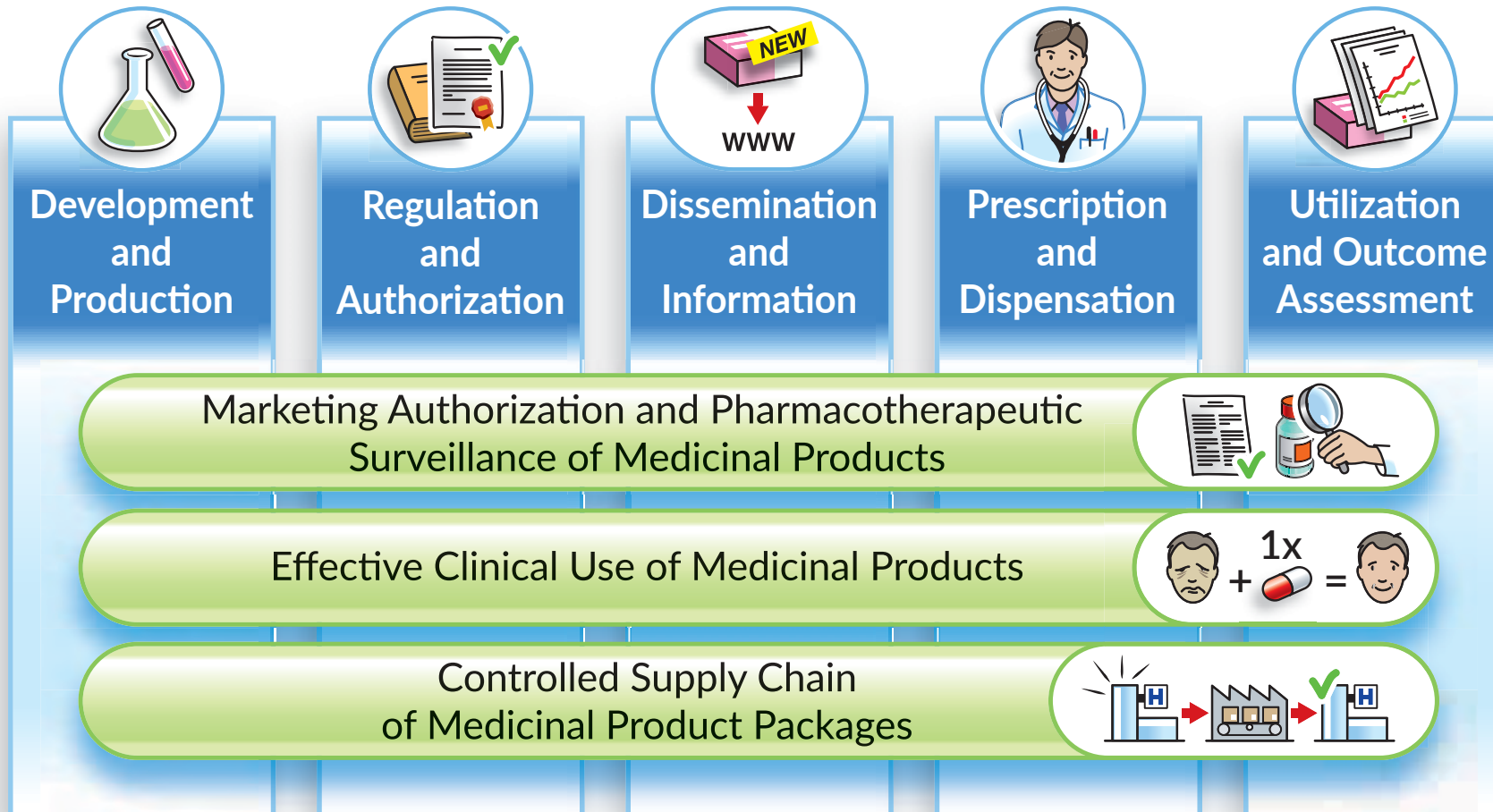
Prescription  
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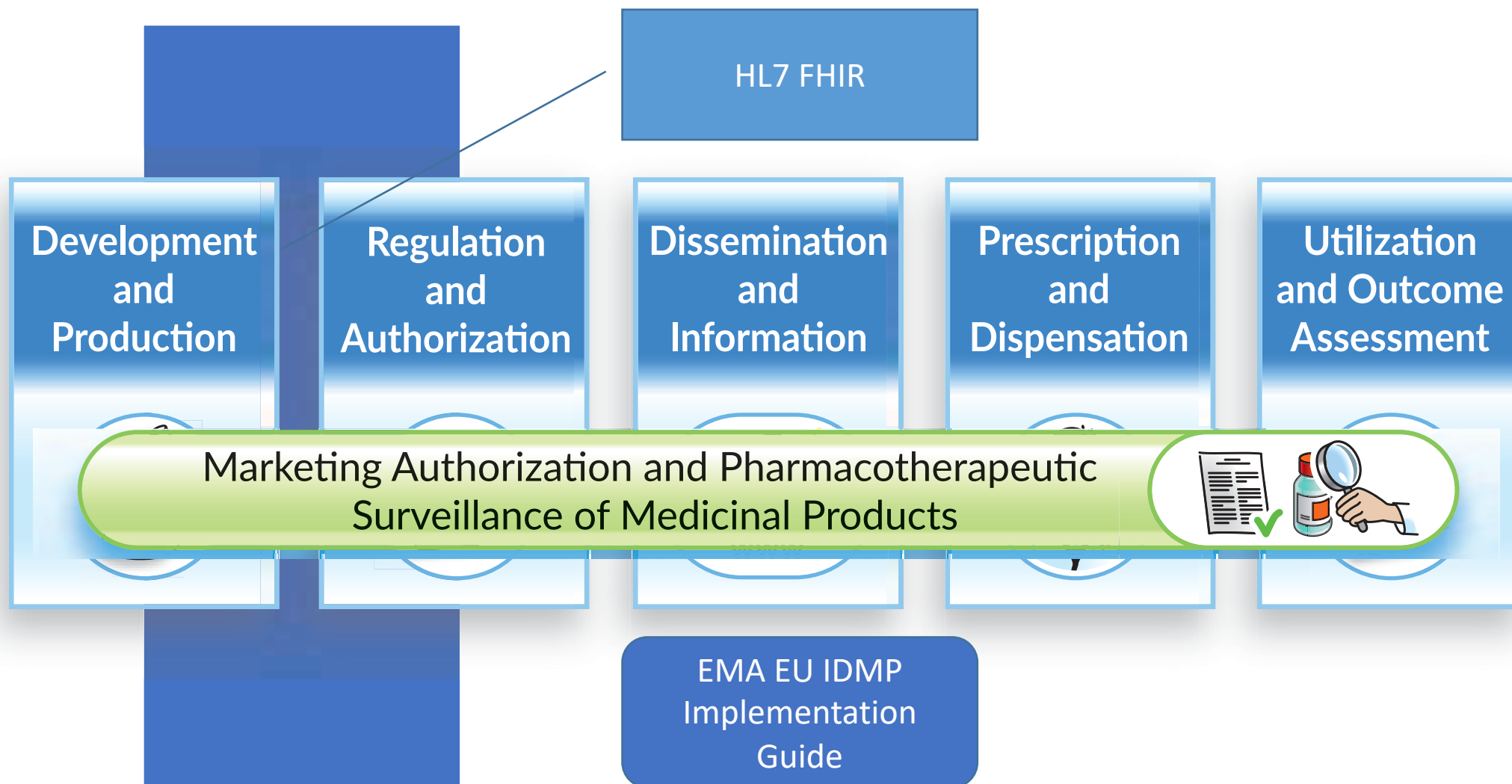
Utilization  
and Outcome  
Assessment



## Which of the high-level processes are you engaged in?



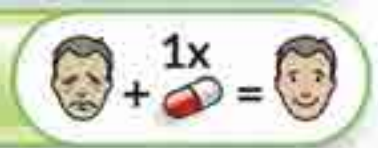




## Examples from our UNICOM Community of Expertise

SNOMED International presentation on the representation of clinical information

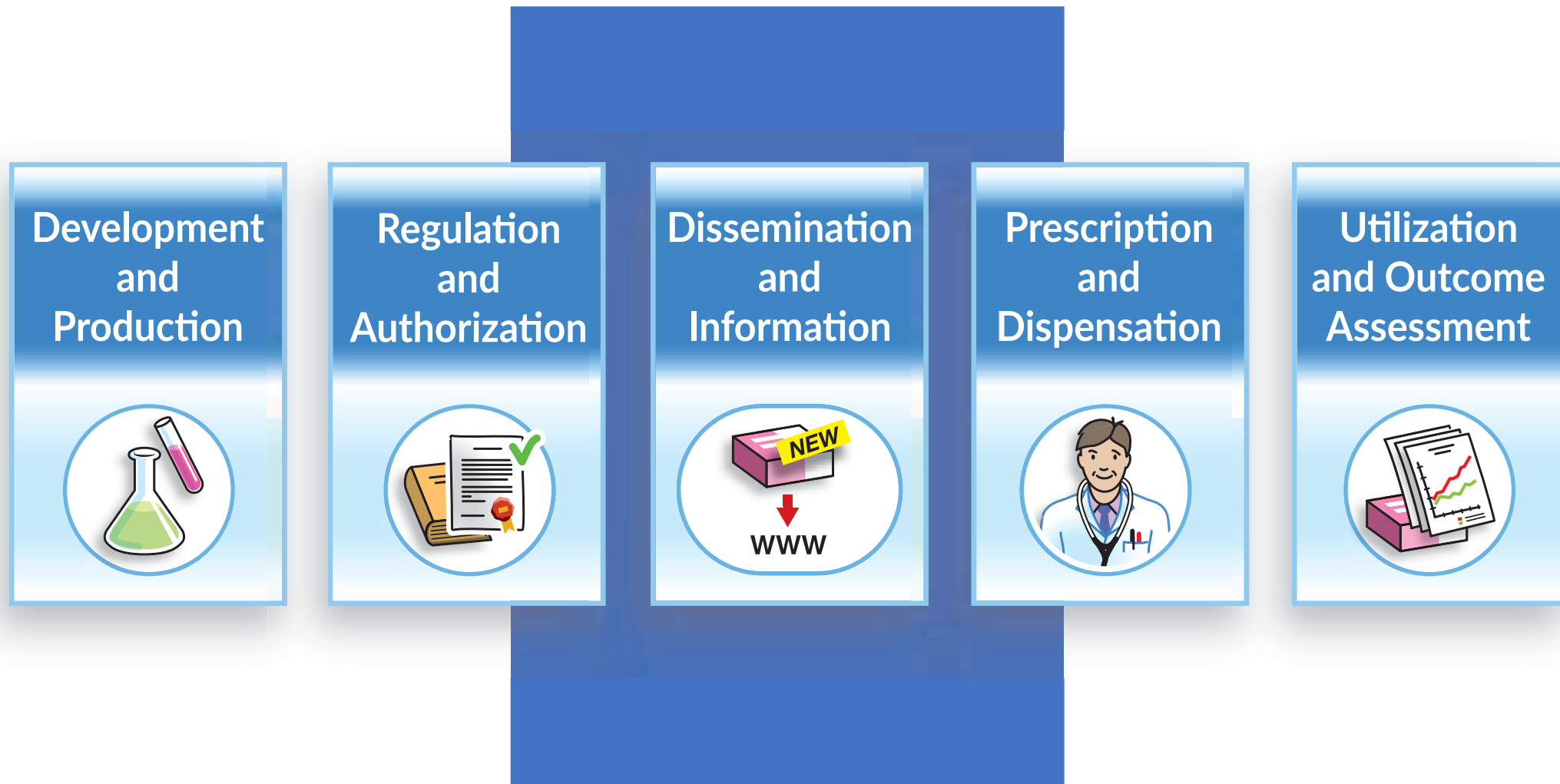
Effective Clinical Use of Medicinal Products

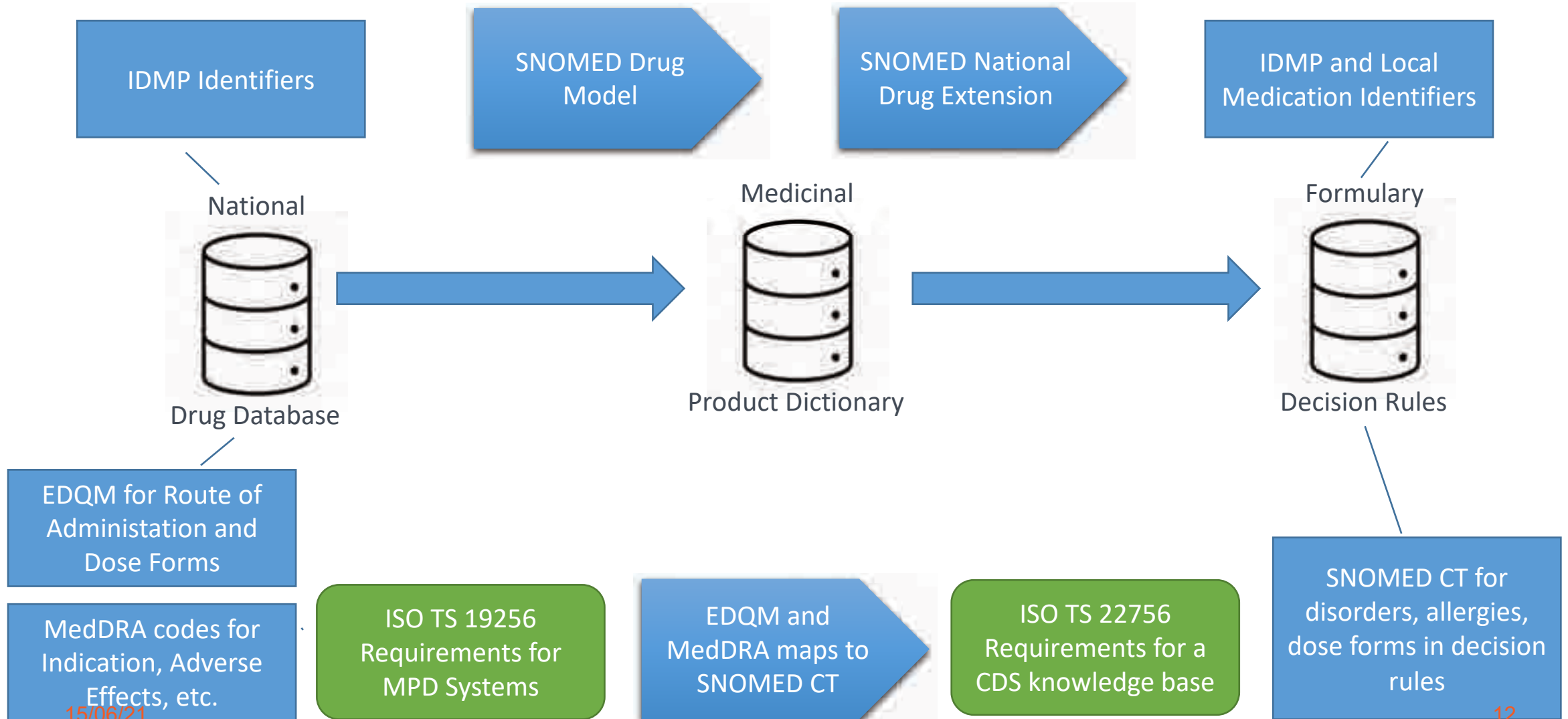


1. Medicinal Product Dictionaries making available the Formulary and Decision Rules
2. Clinical Decision Support based on Formulary and Decision Rules
3. Ambulatory prescribing
4. Ambulatory dispensing
5. Adverse event reporting for (global) pharmacovigilance

Full recording available on [YouTube](#) including real experience from MHRA

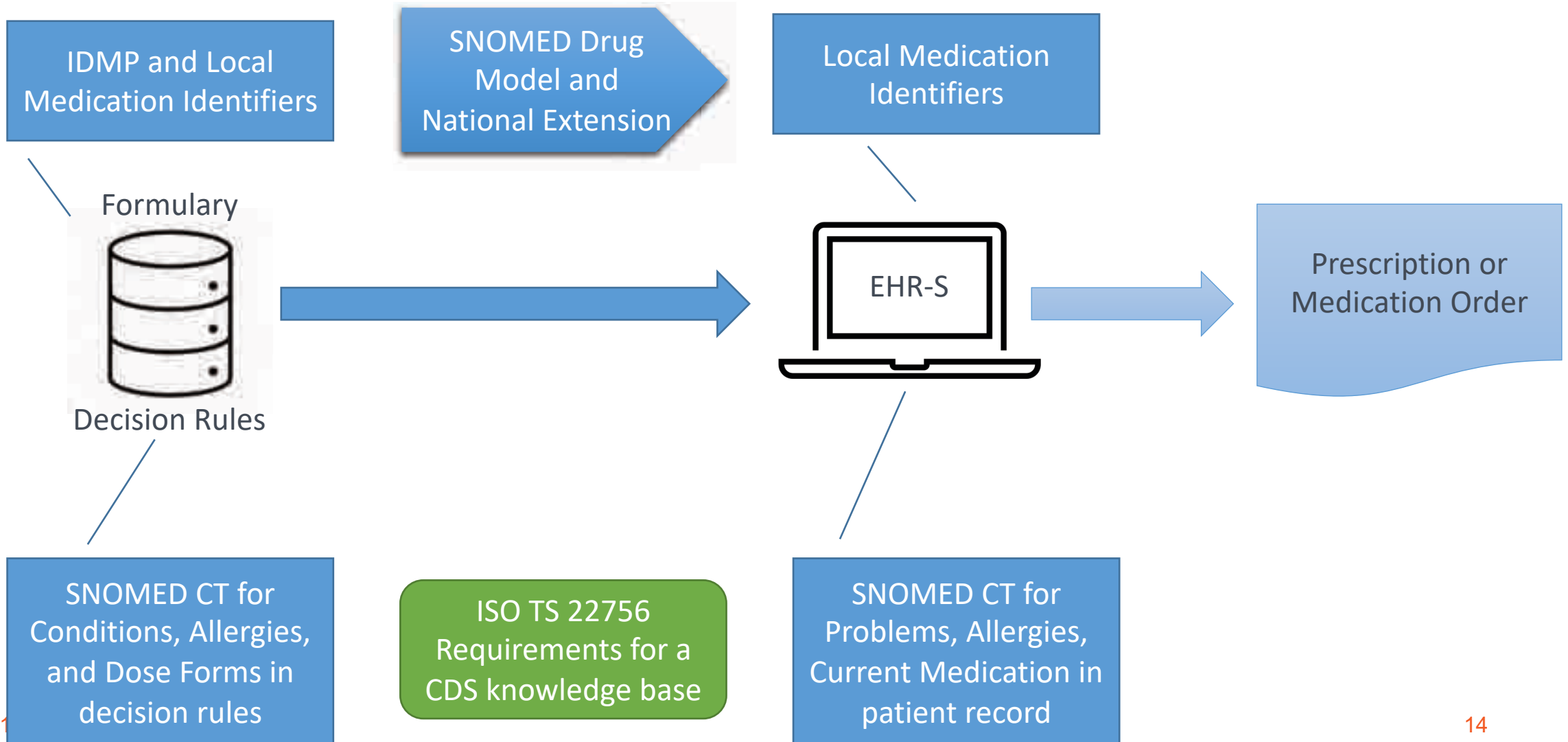


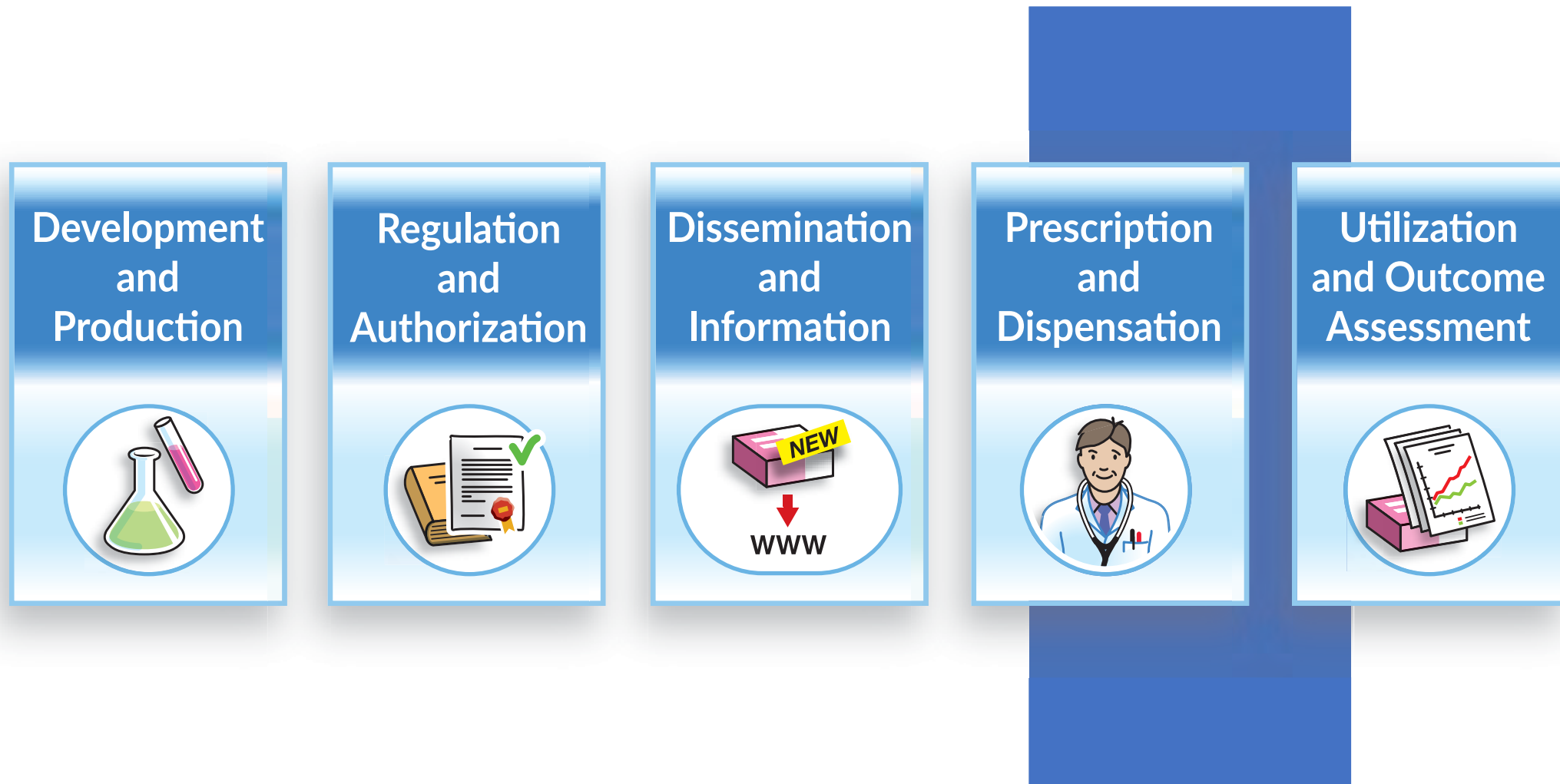


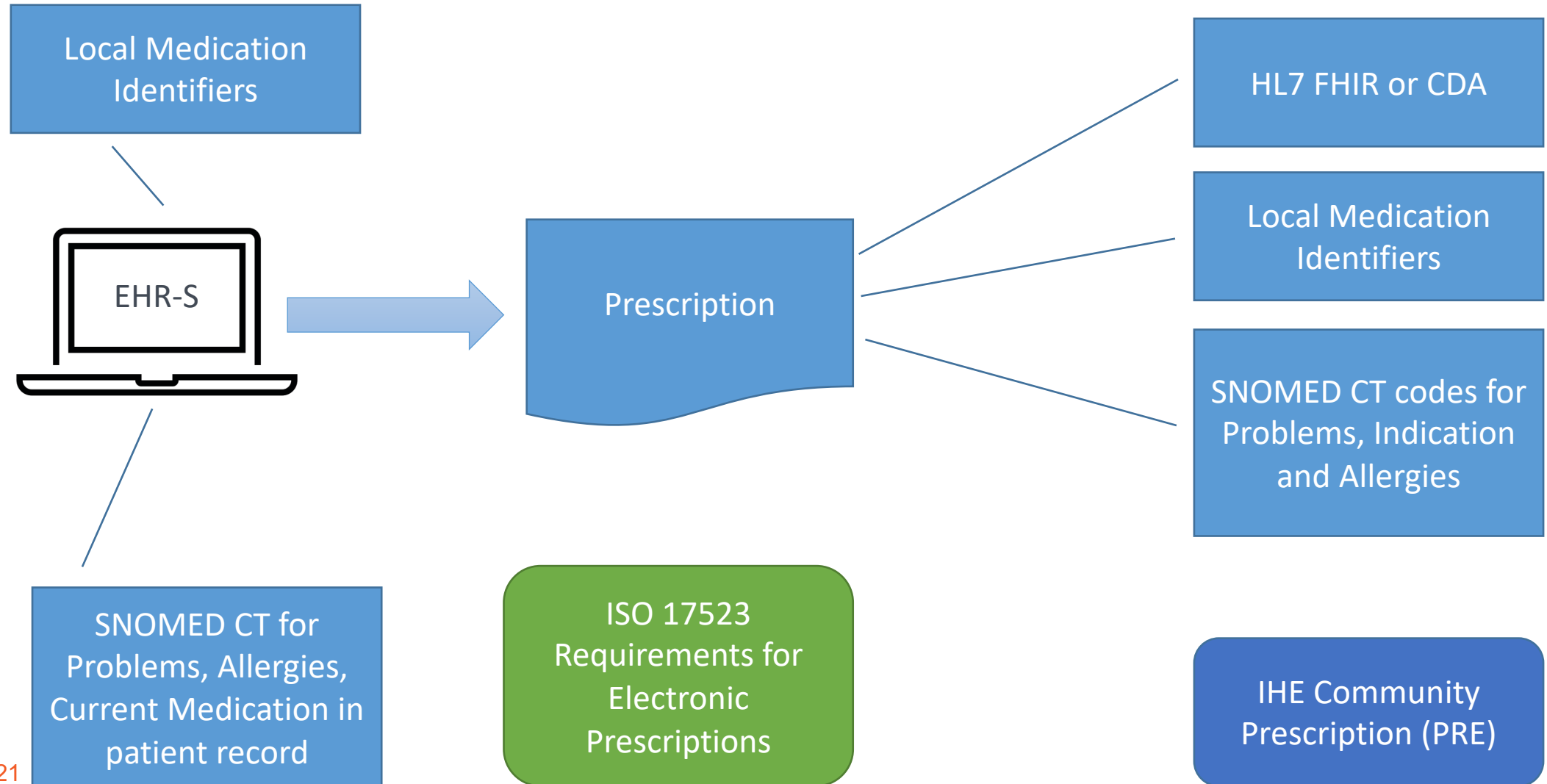




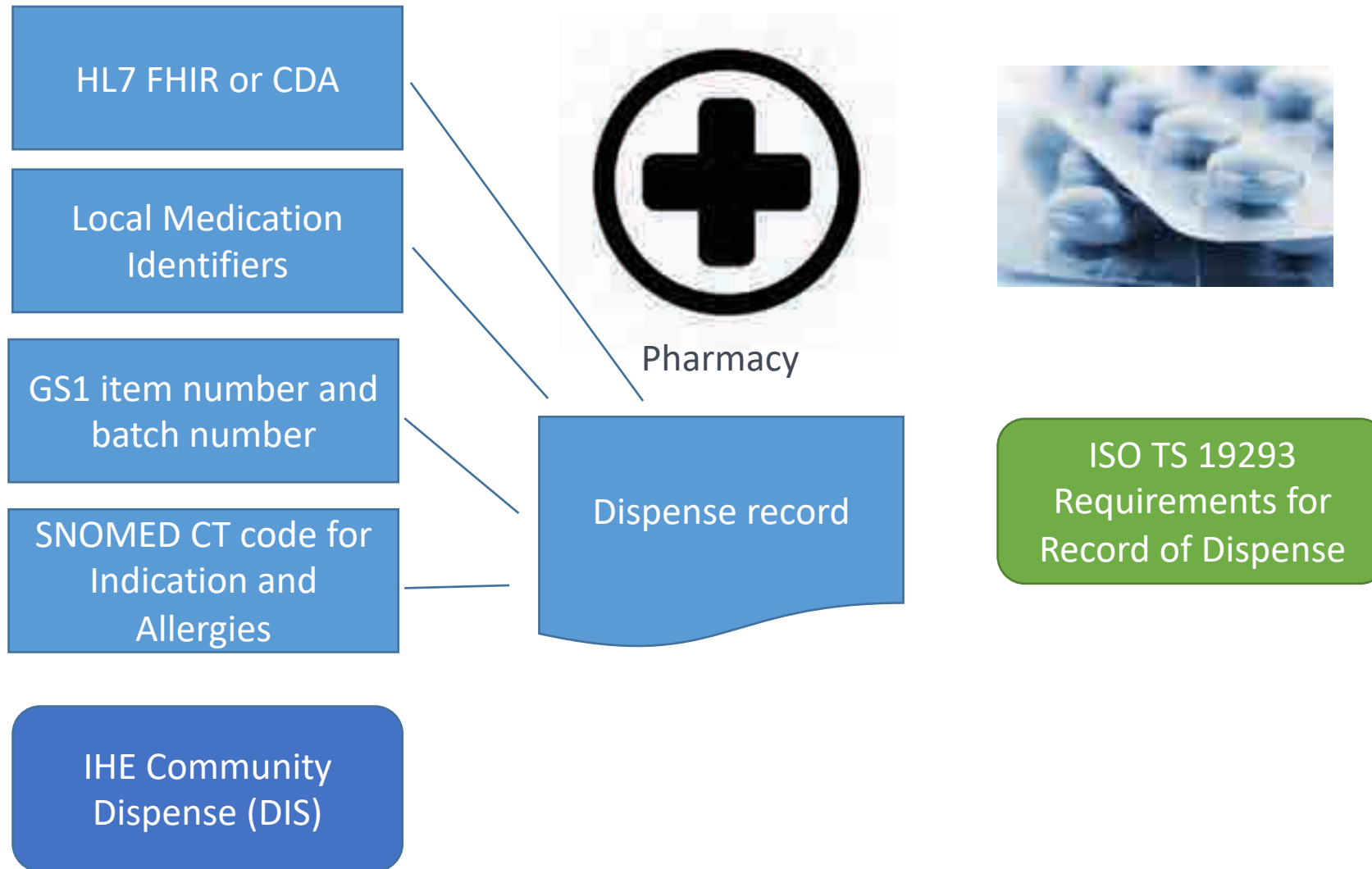












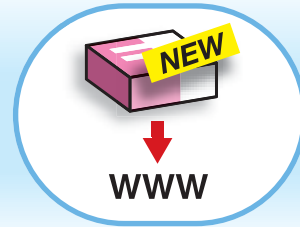
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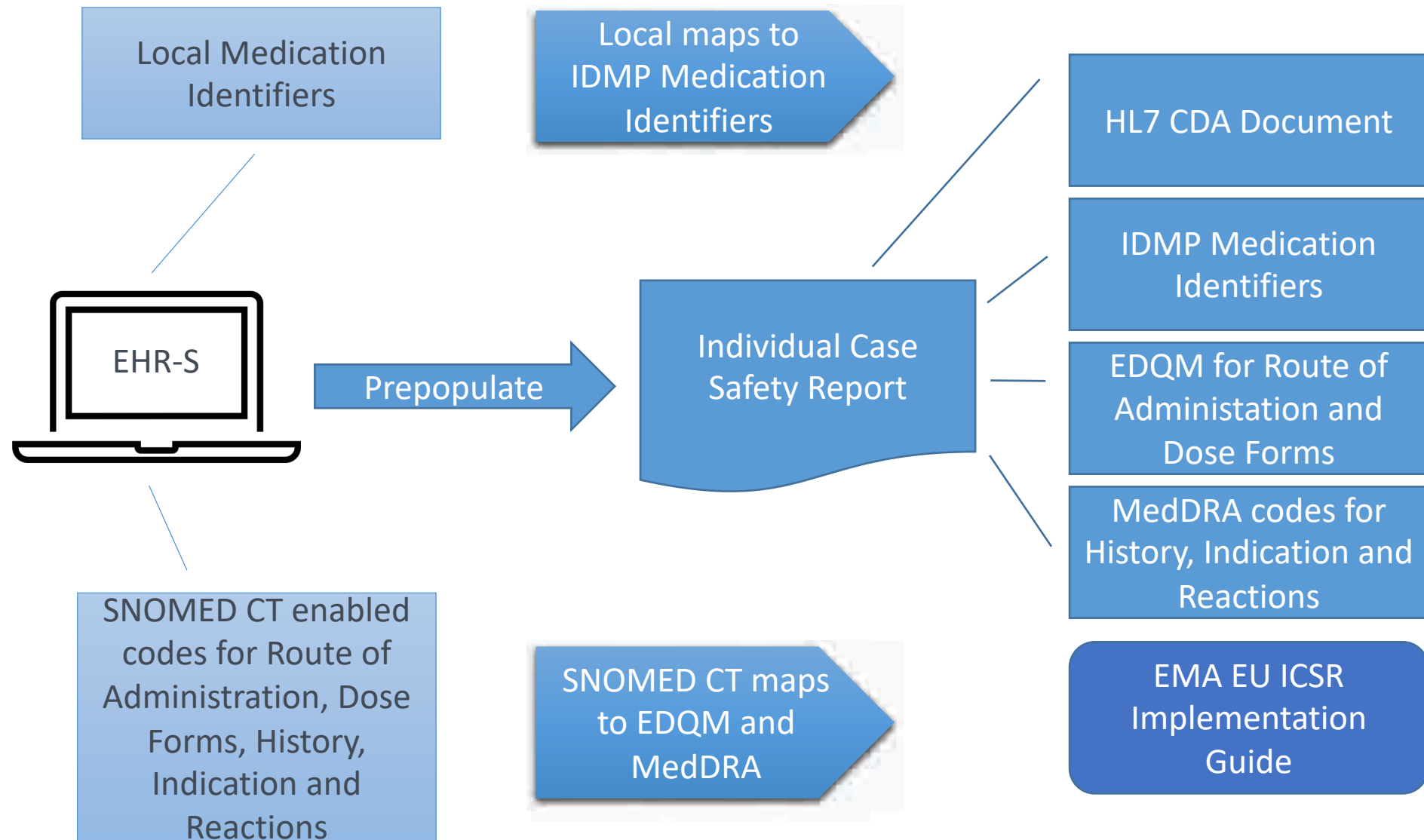


Prescription  
and  
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IDMP is being implemented in Europe **right now**

It involves an intricate interplay between a large number of **standards** and **terminologies**

It provides opportunities for **all players** in the medicinal product life-cycle

- Sometimes the impact is very limited
  - *E.g. mapping of local codes to IDMP-compliant codes*
- Sometimes it is quite extensive
  - *E.g. redesigning the interface with the national drug database*

You have the chance to **get** or **stay involved**:

- The UNICOM [Community of Expertise](#) discusses key issues



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## IDMP – an opportunity to streamline the use of medication data across the globe

Stay tuned through <https://unicom-project.eu/>  
or contact [robert@trace-health.nl](mailto:robert@trace-health.nl) directly!

