

Initial Gap Analysis on Standards Development

Presentation for HL7 International Work Group Biomedical Research & Regulation (BR&R)
Tuesday 22 September 2020 – Q2



► Making IDMP and related standards and terminologies work across the landscape of implementation

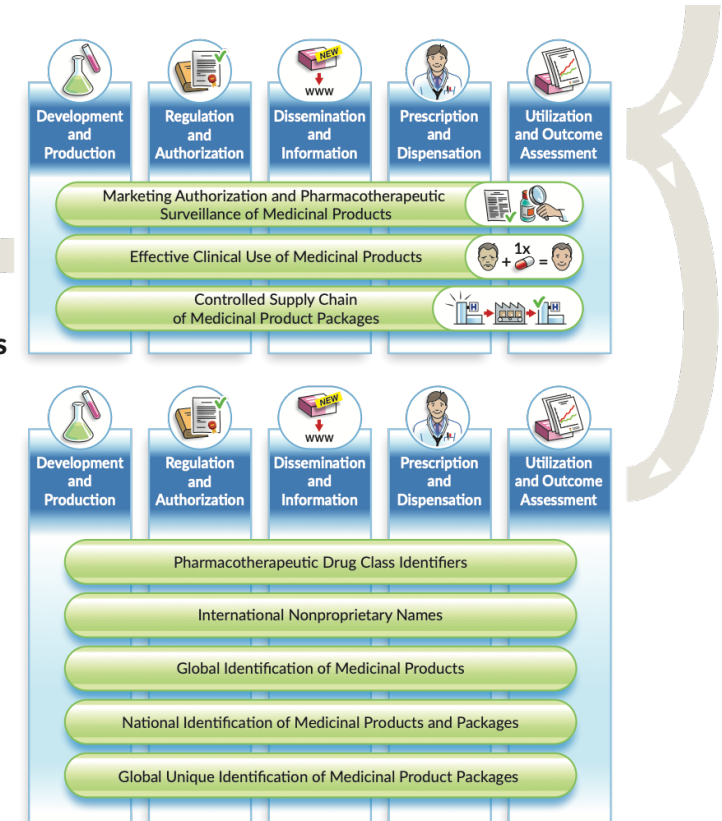
3 Application fields



5 Implementation domains



Combining
the perspectives



► Use cases:

- ▷ ePrescription
- ▷ Clinical Processes (IPS, Medication Lists, etc.)
- ▷ Adverse Events (reporting to the authorities and beyond)
- ▷ Medication Errors
- ▷ Supply Chain Management

► Audience:

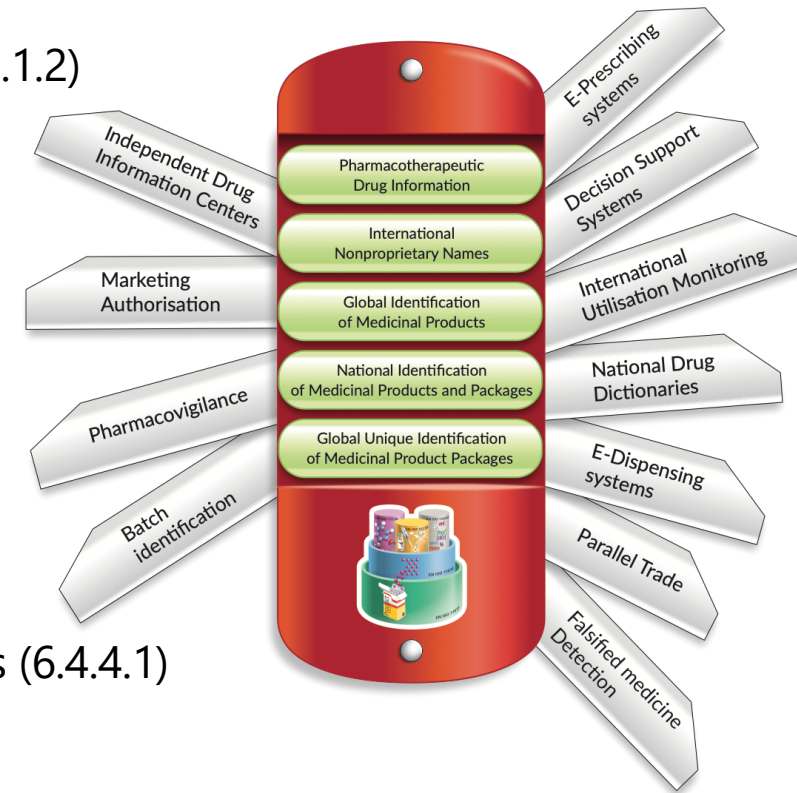
- ▷ Standards Developing Organizations

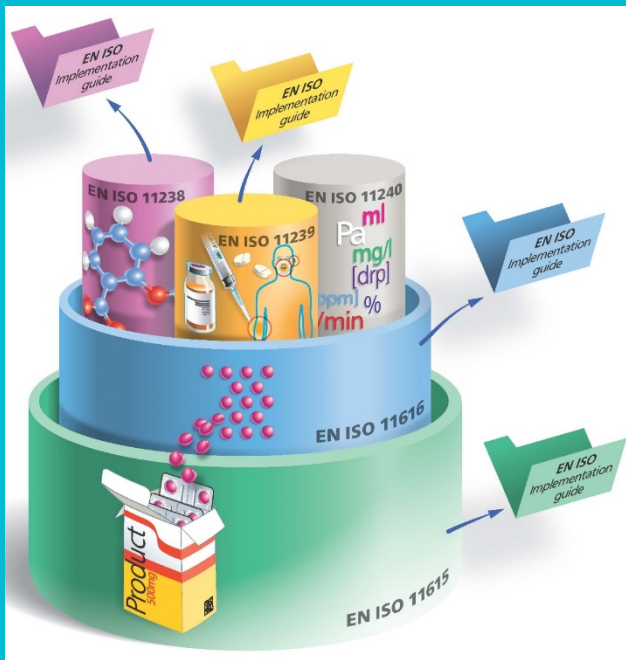
► Process:

- ▷ WP-1 to help identify the gaps, analyse their causes and possible solutions
- ▷ WP-1 to coordinate gap analysis across use cases and implementation domains
- ▷ WP-1 to hand over to the relevant SDO's to address an interim and final solution
- ▷ SDO's to discuss the identified gaps, with help from WP-1 and other informed experts
- ▷ SDO's to formulate a response, including estimated timeline for final resolution
- ▷ WP-1 to disseminate this response and possible interim solutions within UNICOM
- ▷ WP-1 to inform and discuss with the Community of Expertise where appropriate



- ▶ Evaluate impact and implement new manufactured item class / identifier (6.2.3.2)
- ▶ IDMP & FHIR alignment – cross-workgroup use cases and requirements definition (6.2.7.1)
- ▶ IDMP & FHIR alignment – resource harmonisation (6.2.7.3)
- ▶ Development of dispensation feedback message to prescriber including DCID (6.3.1.2)
- ▶ Logical model requirements from different use cases (6.3.6.x)
- ▶ Profile/IG updates for ePrescribing and eDispensing to align to IDMP (6.3.7.2)
- ▶ eDispensing related items and attributes in IDMP (6.4.1.1)
- ▶ Adverse Events processes, structured data and value sets (6.4.2.2)
- ▶ Medication Error processes, structured data and value sets (6.4.2.4)
- ▶ Guidance on the use of IDMP on mHealth apps (6.4.3.1)
- ▶ Bridging the regulatory and clinical domains – quality and maturity considerations (6.4.4.1)
- ▶ Use of IDMP to improve trust in AI through structured data (6.4.4.2)





Let's work together to make this happen!