

WP-1 / 25th Community of Expertise Putting UNICOM resources to the test

3 November 2023

Moderation:

Robert Stegwee, Nictiz/UNICOM WP 1, CEN/TC 251
Esther Peelen, Nictiz/UNICOM WP 1



SOME RULES FOR THE VIRTUAL MEETINGS

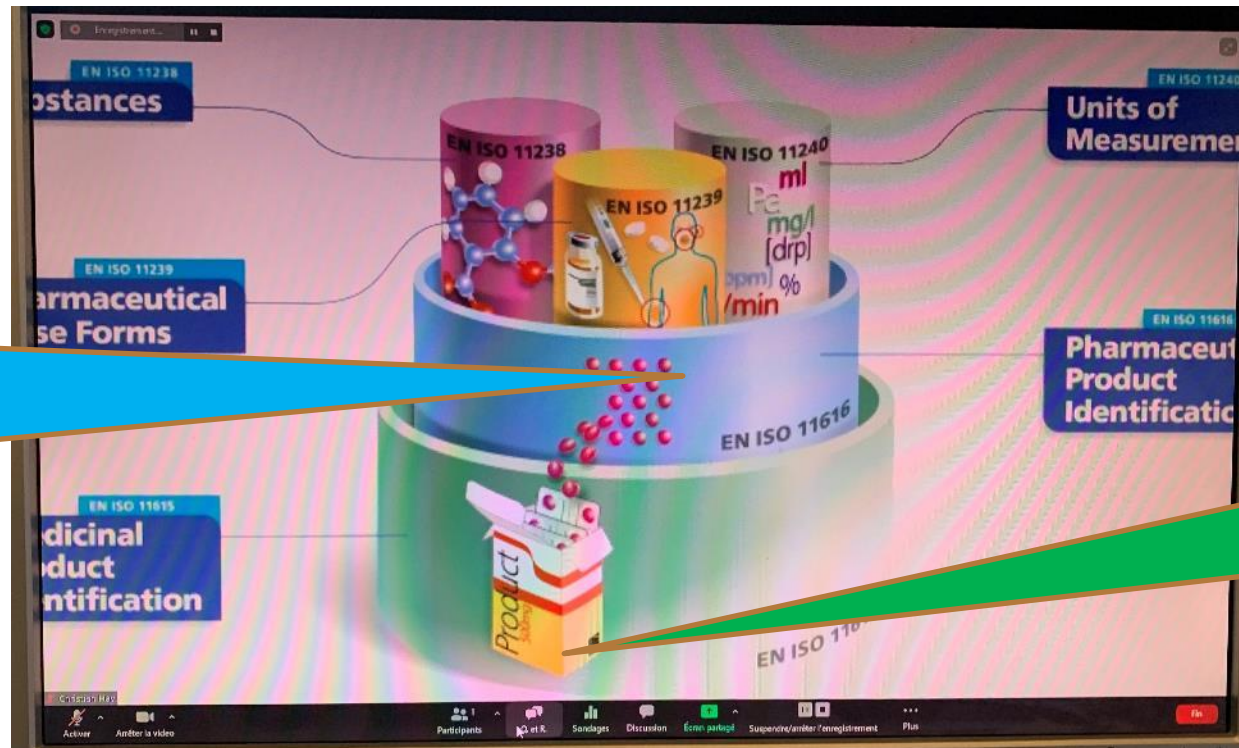
- ✓ **Everybody is on mute**
- ✓ **You post your question in the Q&A facility**
- ✓ **When you speak, please keep concise**
- ✓ **You may show your approval !**

After (and during) the introduction presentations, any UNICOM related question / comment may be shared with Q&A



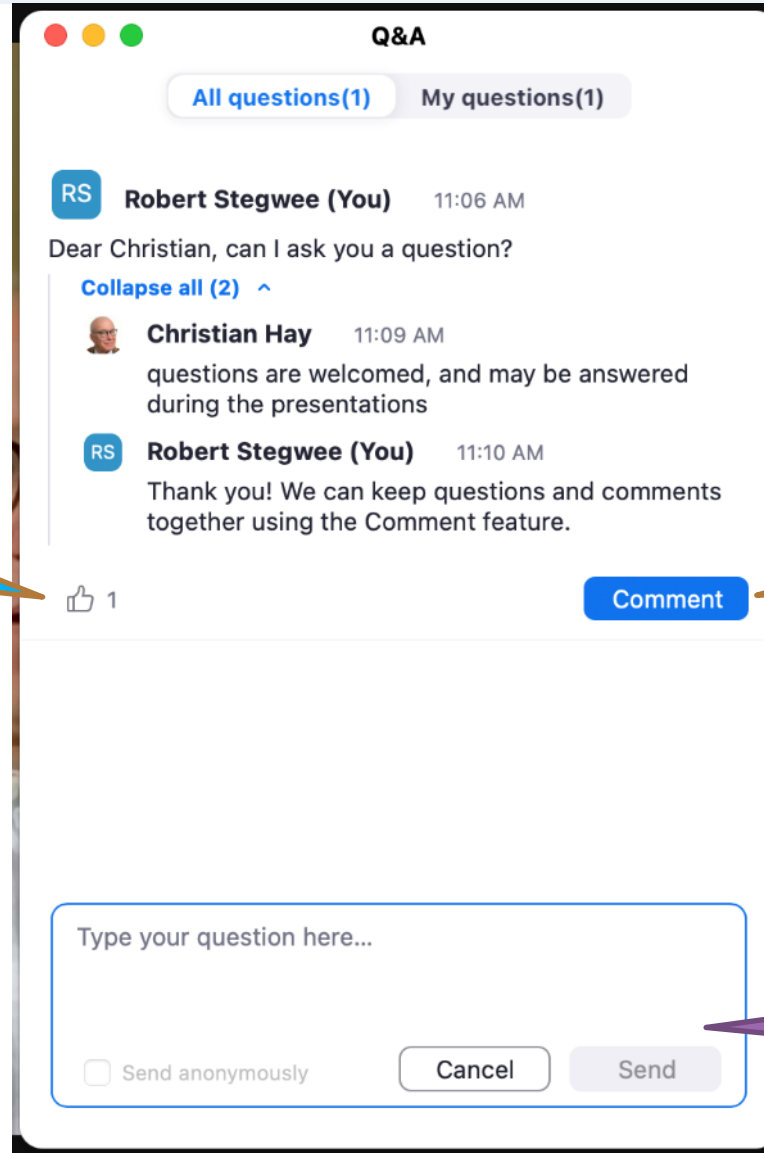
Asking a question or making a comment: please use the Q&A facility

1. Move the mouse on the screen to have the options bar appearing



2. You then select «Q&A» and write your question

You can support a question by clicking the «thumbs up» which moves it up on the list for the presenters



You can comment on a question or answer to engage in a conversation

Typing and sending a new question does not retain the context of your comment



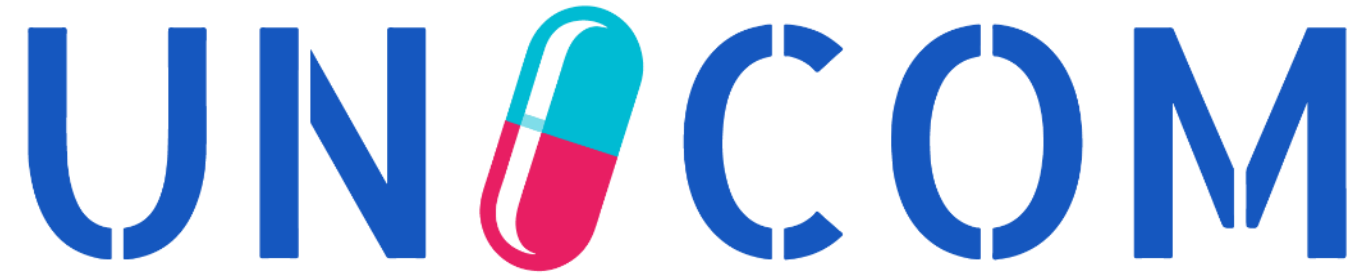
- ▶ Security is our priority
- ▶ This session is password protected



Recording of this session is made available on UNICOM's YouTube channel
<https://https://www.youtube.com/c/UNICOM-IDMP>

At the end of the virtual session, a questionnaire will be sent to the participants, to help us understand participant's reactions and needs





Putting UNICOM resources to the test

Sofia Franconi (UNICOM WP1, IHE Europe)
Derek Ritz (UNICOM Test Lab, IHE Europe)
Alexander Berler (UNICOM WP6, IHE Europe)



Introductions of our esteemed colleagues and today's speakers...



Sofia Franconi



Derek Ritz

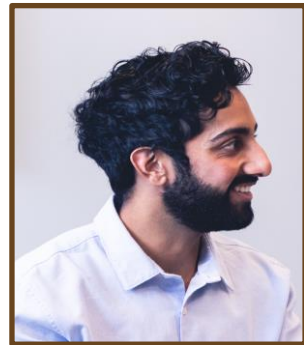


Alexander Berler

...and panelists



Raphael Sergent



Zain Ishfaq



Robert Vander Stichele



Angela Ferrara



Nicole Veggiotti



- 1. UNICOM test lab context and IHE support**
- 2. Operationalizing the UNICOM data pipeline**
- 3. UNICOM Test Lab, Wrap up and next steps**

- 4. Discussion on the UNICOM Test Lab**

- 5. The current UNICOM Test Lab Scenarios**

- 6. Discussion on the current and future Scenarios**



Explaining the UNICOM test lab context and IHE support

Sofia Franconi – IHE-Europe



Work on **specific use cases** to advance and demonstrate the **practical use** of the UNICOM assets.



This is done by **self - organized teams** focused on specific **use cases**.



The lab supports these teams with **assets**, including: **tooling, technical support, training, testing, and showcasing**.



What does the Test Lab provide?

▶ Innovation

- ▶ Prototypes
- ▶ Shared learnings (webinars, methodology, etc...)

▶ Implementability

- ▶ Specifications: CDA-based specifications, FHIR implementation guide, IDMP data base and API
- ▶ Strategies
- ▶ Connection to IHE technical committees (IHE Pharmacy)



▶ Governance

- ▶ Test scripts
- ▶ Test tools: Align with eHDSI CDA validators and testing waves, C customization of FHIR validators
- ▶ Mature Connectathon/Projectathon processes and events



 **My health @ EU**
eHealth Digital Service Infrastructure
A service provided by the European Union

 **CONNECTATHON**
TRIESTE  JUNE 3-7 2024



- ▶ Five use case teams have formed; these use cases operationalize workflows along the data pipeline, including the crucial interface between the regulatory use of IDMP and its use in support of care delivery.



Test lab team: UNICOM Day at the IHE Connectathon

IHE-Europe's mission and strategic goals are aligned to those of UNICOM



Mission

Guide clinicians, health authorities, industry, and users in order **to reach healthcare interoperability in Europe**

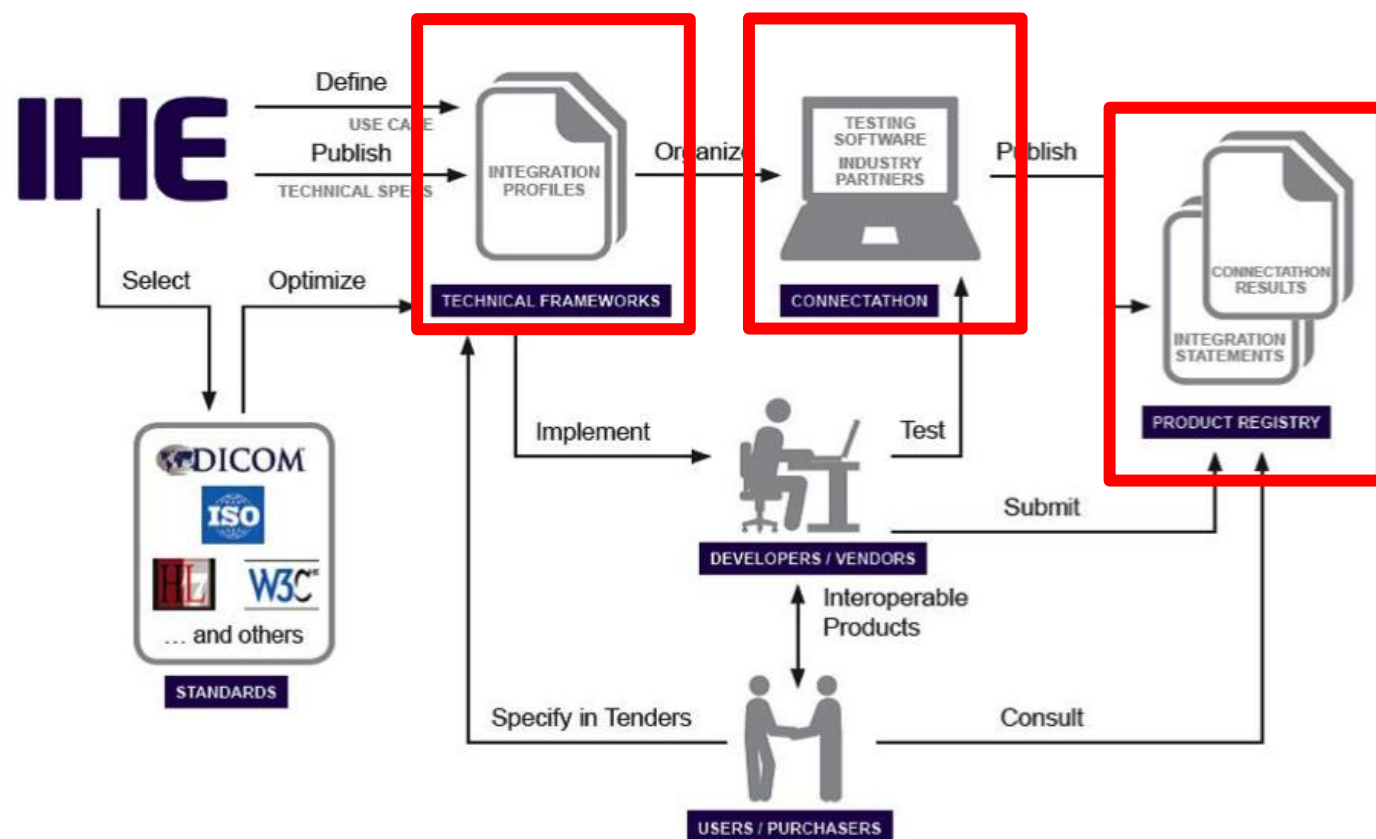
Strategic Goals

Promote the knowledge and use of the **IHE methodology** through which IHE transforms **international** standards into **testable specifications** for which both tooling and related services are available from the IHE ecosystem.

Help national and **European stakeholders and policymakers** in adopting and promoting the use of the IHE methodology to foster interoperability.

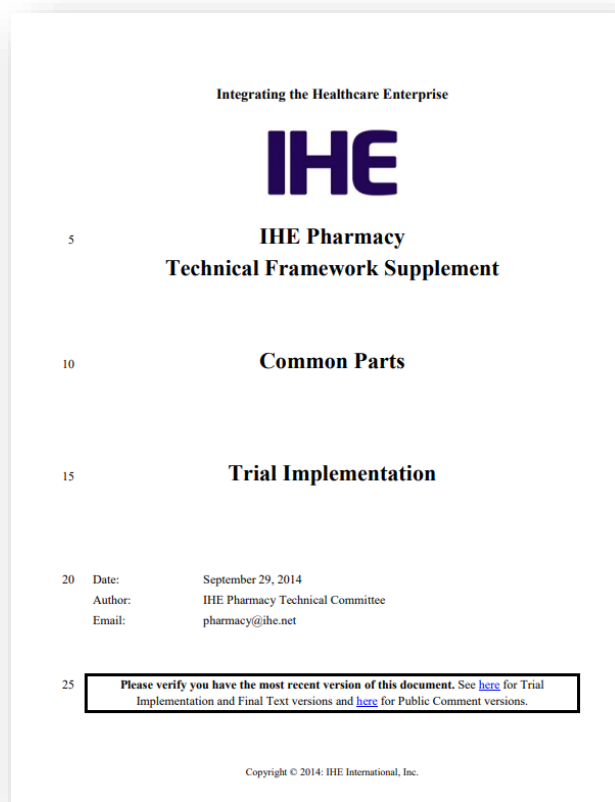


IHE's **mature methodology** is a practical, use-case driven approach that leverages conformance-testable specifications and normative assessment processes



1. **IHE Profiles** (implementable actor-transaction specifications): description of how a group of standards can address a use case
2. **IHE Reference Models** (technical frameworks defined in Gazelle)
3. **IHE conformance assessment** (testing events)

The five use case participants are **leveraging IHE's interoperability specification format** to document their **workflows**.



Volume 1: Definition of the use case and workflow in terms of actors and transactions

Volume 2: Normative definition of the actors and transactions for implementability and conformance testability

Volume 3: Definition of data models

Volume 4: Specific extensions and requirements for a country or a project

➤ IDMP specifications for Europe and UNICOM will be added in a volume 4 part



A checklist for consistency across use cases

Section	Notes	
Title	Name of the UNICOM use case	✓
Title description	1-sentence description of the UNICOM use case	
Title version # and date	Update these for each iteration of the document	
Profile Introduction	Fill in the use case name (highlighted in yellow)	
Vol-1 : Introduction	One or two sentences to describe the UNICOM use case workflows; similar to title description.	
Vol-1 : Overview : Concepts	Leverage content developed in the Antilope form to populate a description of the use case context and its business importance.	
Vol-1 : Overview : Participants	List and describe the relevant participants in the use case. NOTE: these should correspond to the participants in any use case sequence diagrams.	
Vol-1 : Overview : Content	List and describe artefacts / documents exchanged by the workflow participants.	
Vol-1 : Overview: References	List complementary or supporting UNICOM documents, deliverables, and/or artefacts	
Vol-1 : Use Case : UC-#	Number and name each use case	
Vol-1 : Use Case : UC-# : Introduction	Briefly introduce the use case	
Vol-1 : Use Case : UC-# : Sequence diagram	Use a diagramming tool to illustrate the use case as a sequence diagram; the participants should coincide with those already described.	
Vol-1 : Use Case : UC-# : Narrative description	Describe the use case diagram; include important notes related to pre- and post-conditions.	
Test Plan : Introduction	Use the gherkin syntax to describe a set of normative, testable scenarios based on the defined use case(s).	

We explicitly reference supporting or **complementary** UNICOM artefacts in our use case descriptions.

Sequence diagrams leverage a consistent **participant** list, so we can see how our use cases “fit together”.



Operationalizing the UNICOM data pipeline

Derek Ritz – IHE-Europe





Operationalizing the UNICOM data pipeline

David Pitt - IRI/Jump



UNICOM Test Lab, Wrap up and next steps

Alexander Berler – IHE Catalyst



▶ Scope and vision

- ▷ work on specific use cases to advance and demonstrate the practical use of the Unicom Assets
- ▷ Promote innovation, implementability and Governance
- ▷ Feed SDO work and Global market adoption of IDMP

▶ Each use case will be served by one or more teams

- ▷ Each team will self organise and work together to demonstrate and test the use case

▶ Each team present its results and advancements at the UNICOM test lab plenaries and f2f days

- ▷ Next F2F: Athens
- ▷ Date: 18 January 2024

▶ UNICOM Test Lab organisation

- ▷ WP1 will coordinate testing activities inside UNICOM project
- ▷ WP6 will provide a technical Helpdesk
- ▷ Each team will be comprised with UNICOM Partners and interested associated entities (third parties)
- ▷ Other use cases relevant to UNICOM and Third Parties are allowed and welcomed.
- ▷ Collaboration with other projects and initiative would be beneficial,
 - e.g. Gravitare Health
 - GIDWG
 - Pistoia Alliance



▶ Current use cases

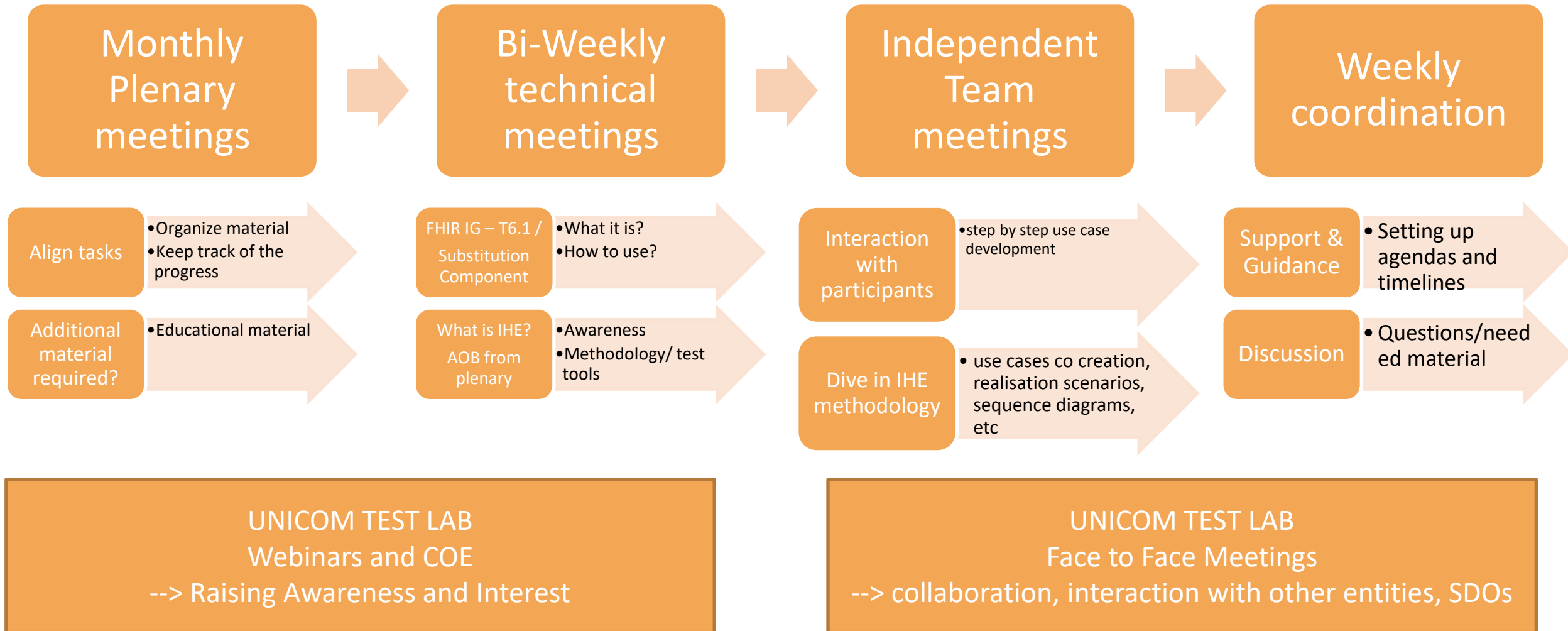
- ▶ Submission of variations - Reach out to Raphael Sergent, Robert Stegwee
- ▶ Updates to the MPD – Reach out to Esther Peelen, Zain Ishfaq
- ▶ NCA to NCPeH - Reach out to Robert Vander Stichele
- ▶ Including substitution in eDispensation (cross-border) – Reach out to Marcello Melgara, Angela Ferrara, Argiris Gkogkidis
- ▶ Product lookup for patient facing apps – Reach out to Nicole Veggioti, Argiris Gkogkidis

▶ Future use cases

- ▶ Please propose!
- ▶ Call for action



UNICOM Test Lab is about Collaboration and Co-creation





We need **engagement** from UNICOM stakeholders to address the still-outstanding issues. We need to **innovate** and find solutions. We need to prototype, and pilot, and iterate, to ensure our specifications are **implementable at scale**. And then, we will need to **govern** our digital health infrastructure through **conformance-testing**.

**There is important work to do.
Please, join us!**



Save the Date!

ATHENS
DIGITAL
HEALTH
WEEK

15-19th January 2024 | Royal Olympic Hotel

Please use the Q&A and engage with MentiMeter

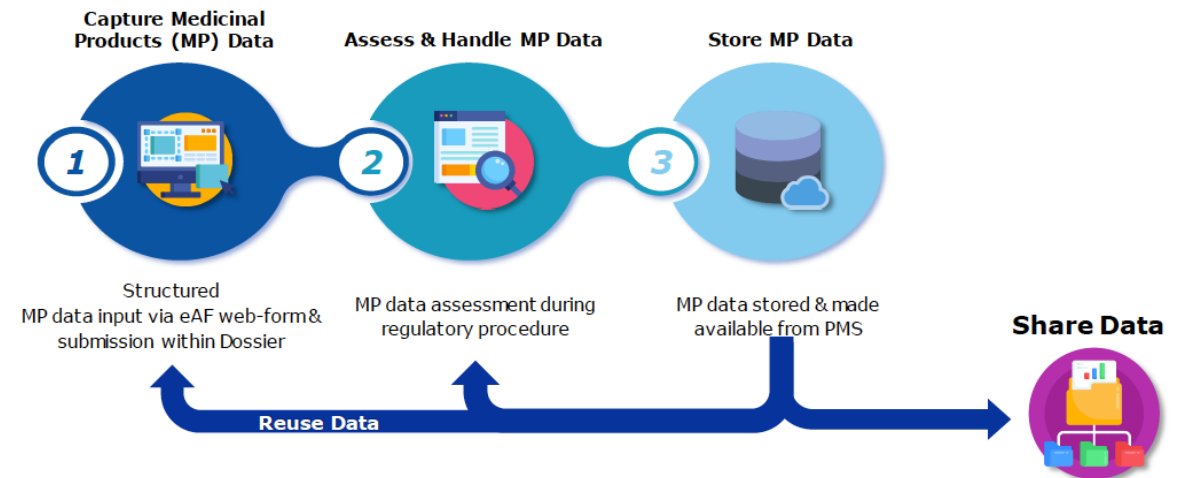


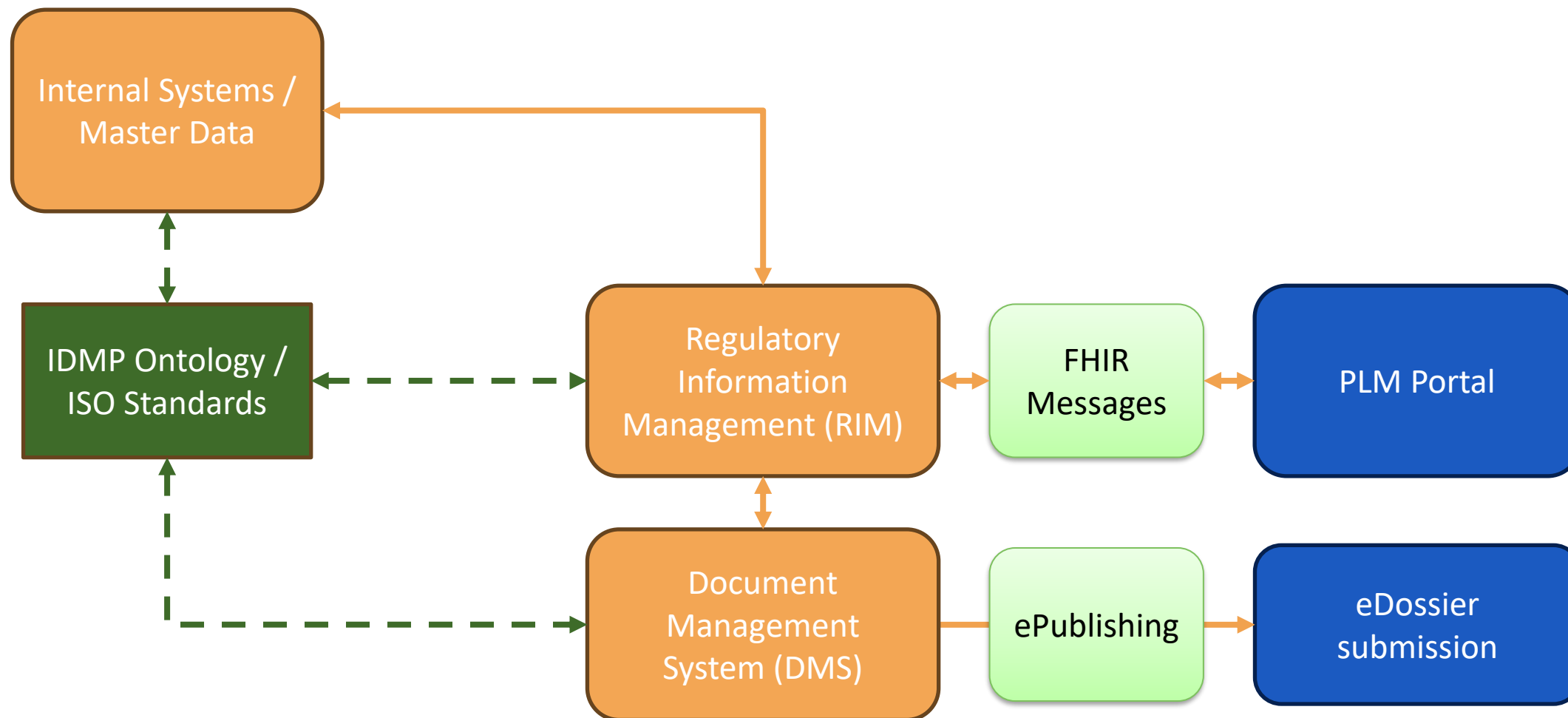
Submission of variations

Raphael Sergent – Robert Stegwee

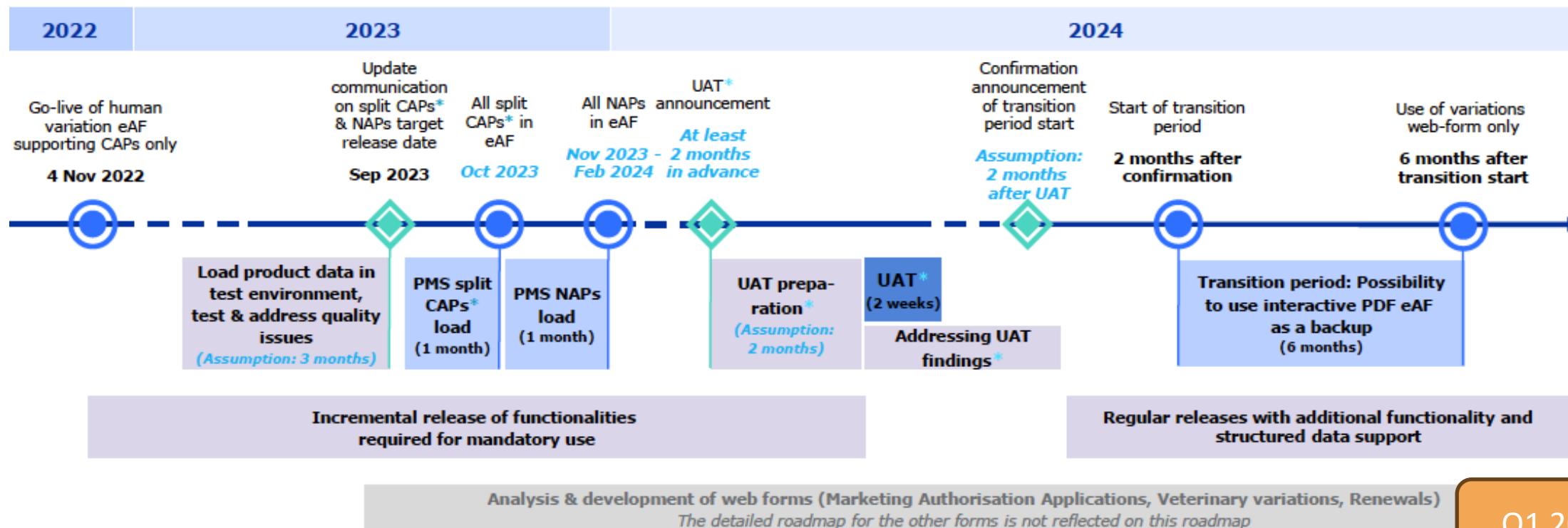
Purpose: to support the investigation of future interoperable use of the [variations web-based electronic Application Form \(eAF\) for Human medicinal products](#) in the EMA PLM Portal, as co-developed with UNICOM WP3 (former DADI project).

The creation of the variations eAF by applicants could reuse the already existing structured data in their internal systems (e.g., RIM). The processing of the variations eAF by receiving NCA's is being implemented (WP4) but could benefit from multi-stakeholder testing.





Human Variations electronic Application Form (eAF) Timeline (Jul 2023)



Please note the eAF team will release an updated timeline in September 2023 to confirm target dates

*CAPs migrated from SIAMED not following ISO IDMP structure. For this reason, they have undergone a further step in the data migration to PMS in addition to the match and merge protocol.

*External UAT on released functionalities required for mandatory use

Note: CAPs and NAPs data in PMS is sourced from EMA's internal database and XEVMPD

Acronyms	Legend	
CAPs: Centrally Authorised Products	Out of scale timeframe	Milestone
NAPs: Nationally Authorised Products	Key communications	Dev activities for Human variation eAF
XEVMPD: eXtended EudraVigilance Medicinal Product Dictionary	Activities for other eAFs	Migration / transition activities
		User Acceptance Testing (UAT)
		Known timeframes
		Estimated timeframes

Updates to the MPD

Zain Ishfaq and Esther Peelen

Our crossborder nightmare

OZEMPIC: 1 pen of 3ml, 4 needles.

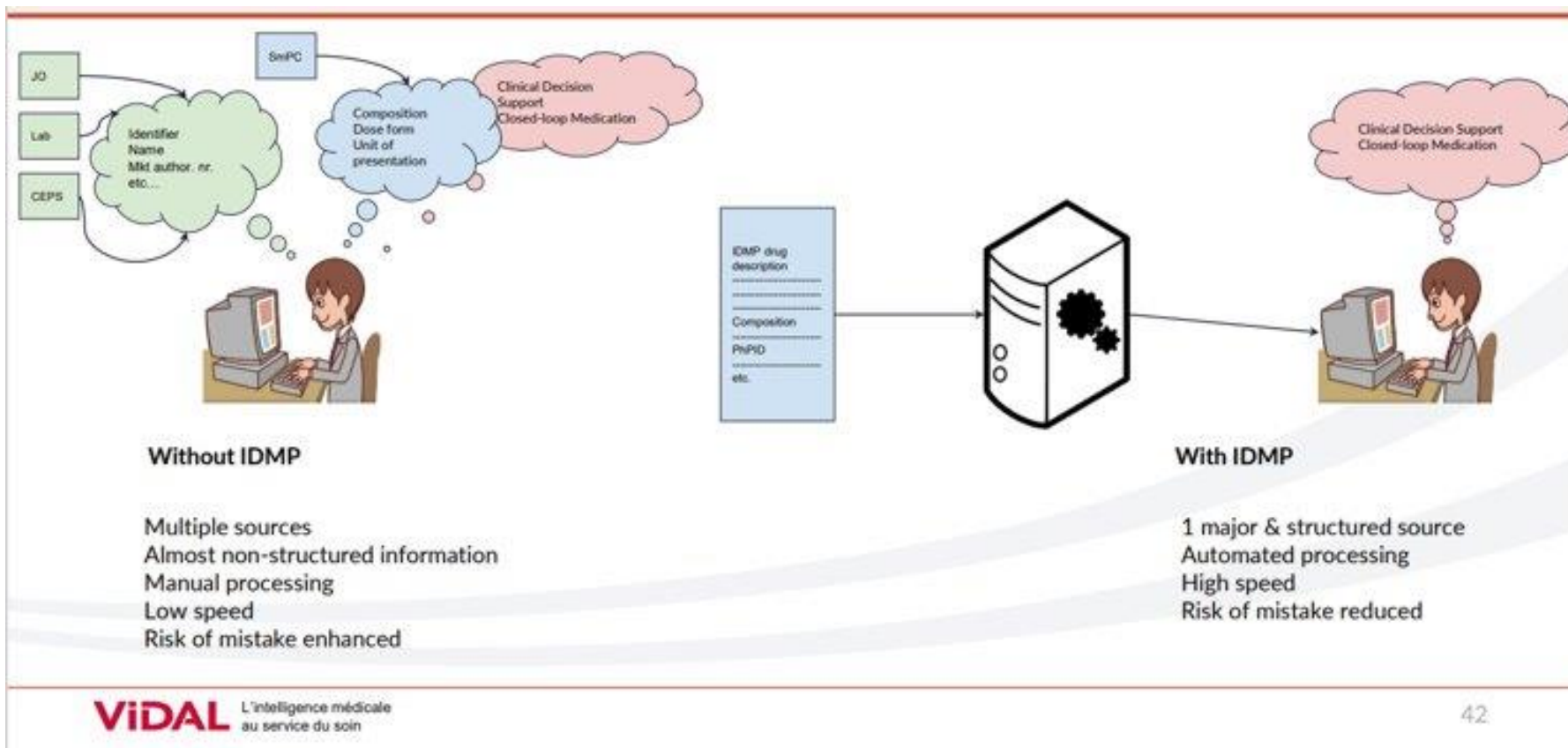
Pack size differs by country:

- ▶ Finland: 1 pen
- ▶ Estonia: 4 doses
- ▶ Portugal: 3 ml

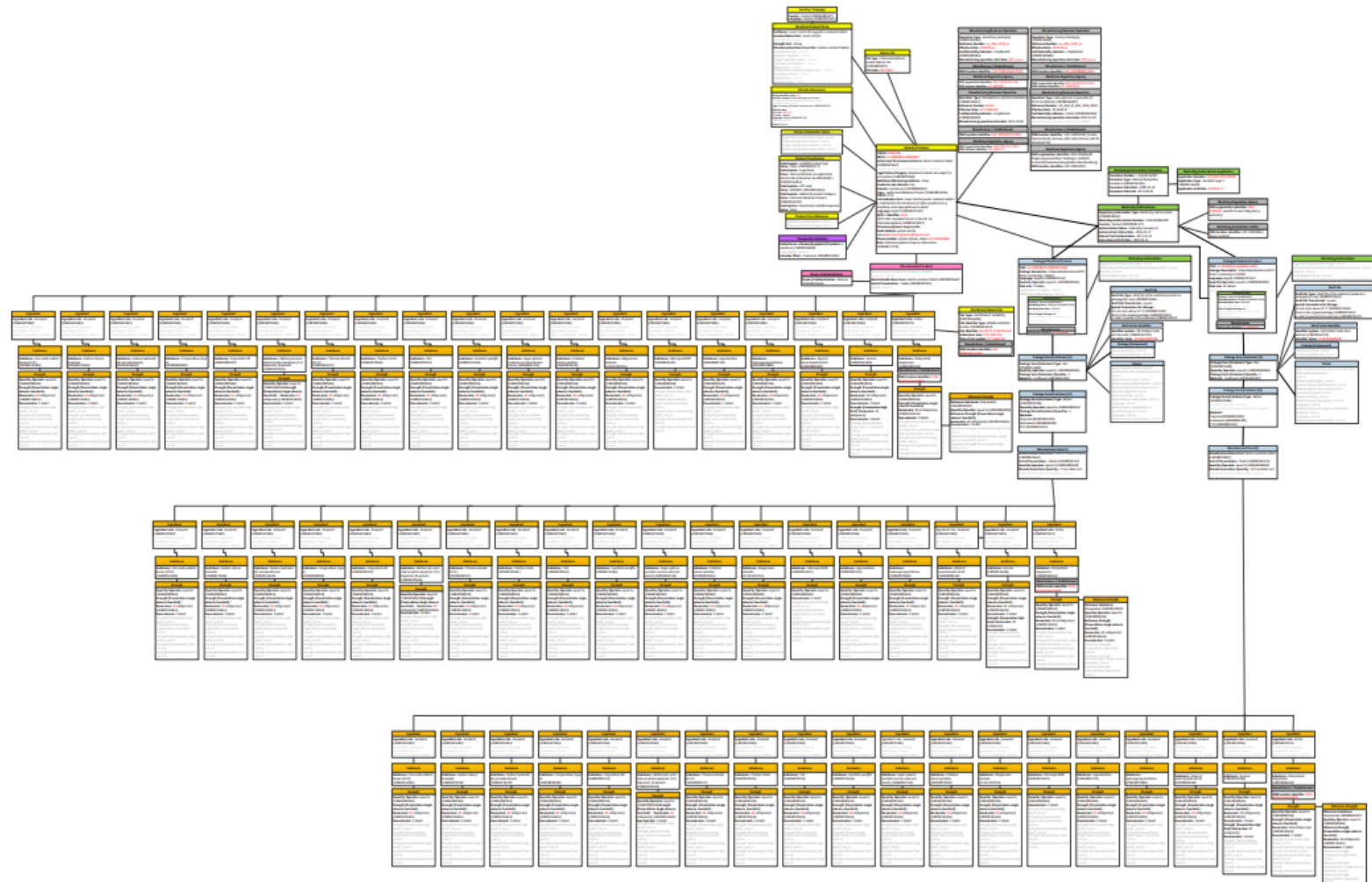


SmPC text: One ml of solution contains 1.34 mg of semaglutide*. One pre-filled pen contains 4 mg semaglutide* in 3 ml solution. Each dose contains 1 mg of semaglutide in 0.74 ml solution.

- ▶ Definition: System that is specifically designed to support the prescription, dispensing and administration of medications in healthcare based on an accurate listing, description and identification of medicinal products



1. Example 1: Losec Control 20mg gastro-resistant tablets ¹

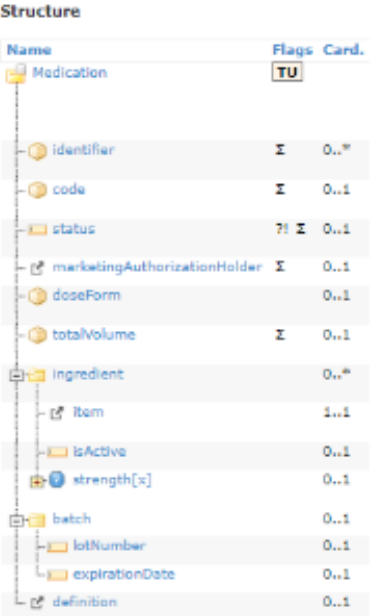


Dataflow from regulatory to clinical data space

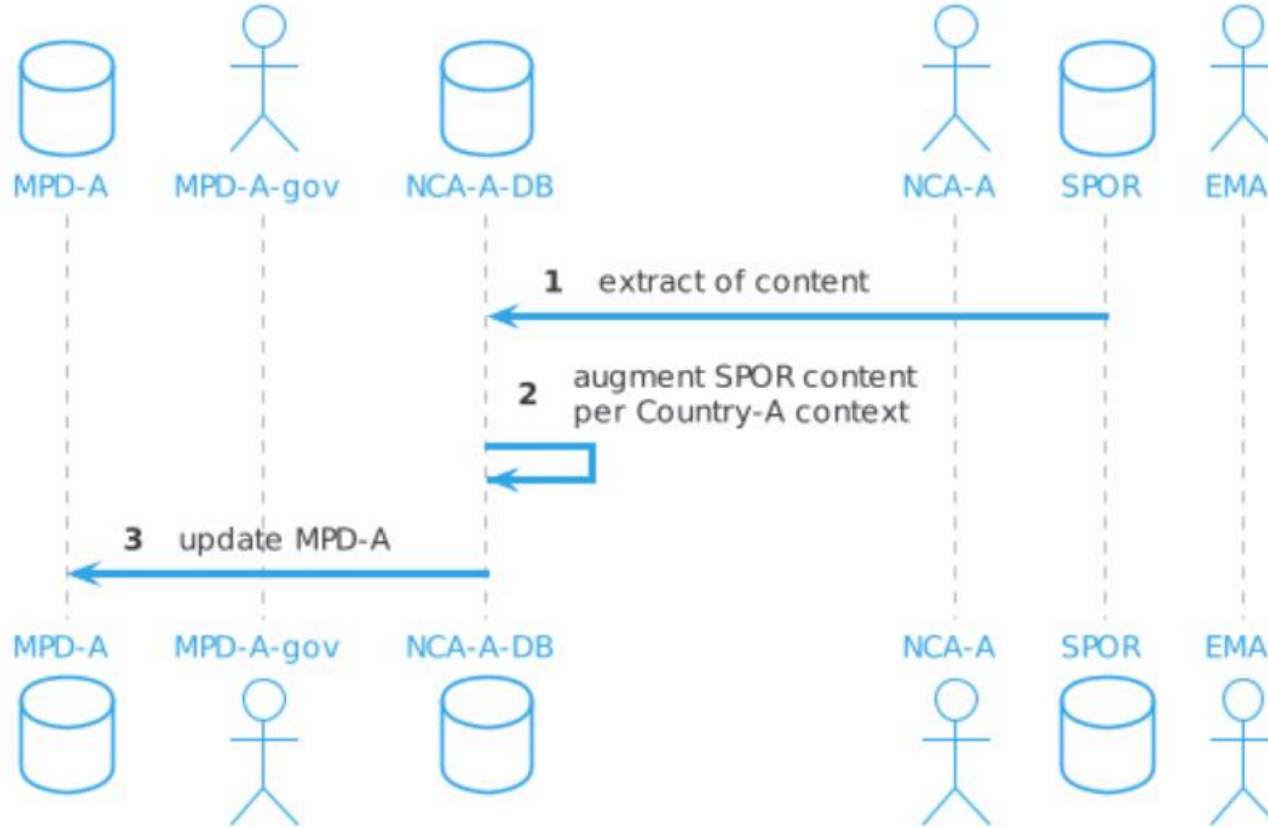
ISO IDMP on FHIR challenge

How to build a bridge from regulatory data to clinical?

Clinical	Summary <ul style="list-style-type: none"> AllergyIntolerance 3 AdverseEvent 2 Condition (Problem) 3 Procedure 3 FamilyMemberHistory 2 ClinicalImpression 1 DetectedIssue 2 	Diagnostics <ul style="list-style-type: none"> Observation N DocumentReference 4 DiagnosticReport 3 Specimen 2 BodyStructure 1 ImagingSelection 1 ImagingStudy 4 QuestionnaireResponse 5 MolecularSequence 1 GenomicStudy 0 	Medications <ul style="list-style-type: none"> MedicationRequest 3 MedicationAdministration 2 MedicationDispense 2 MedicationStatement 3 Medication 3 MedicationKnowledge 1 Immunization 3 ImmunizationEvaluation 1 ImmunizationRecommendation 1 FormularyItem 0 	Care Provision <ul style="list-style-type: none"> CarePlan 2 CareTeam 2 Goal 2 ServiceRequest 2 NutritionOrder 2 NutritionIntake 1 VisionPrescription 2 RiskAssessment 1 RequestOrchestration 2 	Request & Response <ul style="list-style-type: none"> Communication 2 CommunicationRequest 2 DeviceRequest 1 DeviceDispense 0 DeviceAssociation 0 DeviceUsage 1 BiologicallyDerivedProductDispense 0 GuidanceResponse 2 SupplyRequest 1 SupplyDelivery 1 InventoryItem 0 InventoryReport 0 	
	Financial	Support <ul style="list-style-type: none"> Coverage 2 CoverageEligibilityRequest 2 CoverageEligibilityResponse 2 EnrollmentRequest 0 EnrollmentResponse 0 	Billing <ul style="list-style-type: none"> Claim 2 ClaimResponse 2 Invoice 0 	Payment <ul style="list-style-type: none"> PaymentNotice 2 PaymentReconciliation 2 	General <ul style="list-style-type: none"> Account 2 ChargeItem 0 ChargeItemDefinition 0 Contract 1 ExplanationOfBenefit 2 InsurancePlan 0 	
		Specialized	Public Health & Research <ul style="list-style-type: none"> ResearchStudy 0 ResearchSubject 0 	Definitional Artifacts <ul style="list-style-type: none"> ActivityDefinition 3 ConditionDefinition 0 DeviceDefinition 1 EventDefinition 0 ObservationDefinition 1 PlanDefinition 3 Questionnaire 5 SpecimenDefinition 1 	Evidence-Based Medicine <ul style="list-style-type: none"> ArtifactAssessment 0 Citation 0 Evidence 1 EvidenceReport 0 EvidenceVariable 1 	Quality Reporting & Testing <ul style="list-style-type: none"> Measure 3 MeasureReport 3 TestPlan 0 TestScript 4 TestReport 1



Update use case NCA to MPD - IHE volume 1 Use-case analysis



USE CASE 3 of the UNICOM Test Lab : From NCA to NCPeH

UN  COM

Data Quality Control in the Legacy Conversion Processes of IDMP implementation for existing products at national level

An instrumentarium of requirements, resources and tools for testing the content quality of “trusted data”, emerging from the National Competent Authorities for Marketing Authorization

For quality control by the NCA of legacy conversion data, outsourced to external providers

For internal quality control by the NCA of internally produced legacy conversion data

For external quality control of NCA IDMP-compliant “trusted data”, to be applied by
Medicinal Product Dictionaries
National Contact Points for eHealth
Vendors and health apps

To ensure trustworthiness of the IDMP data on medicinal product at the national level

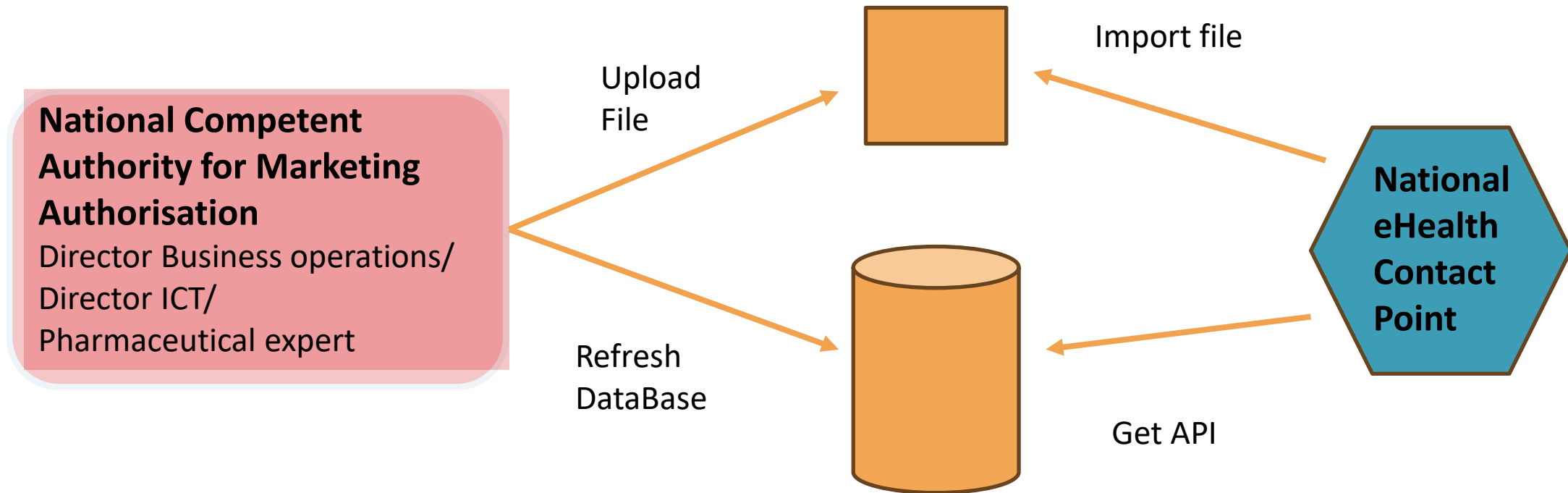


Examples of content Quality Testing of “trusted data”

1. Are all substances specified that need to be specified?
And are the correct codes used (SMS)?
2. Are all dose forms correctly expressed as granular EDQM administrable dose form?
And are the correct codes used (EDQM / SPOR) ?
3. Are all strengths correctly normalised according to the GIDWIG business rules?



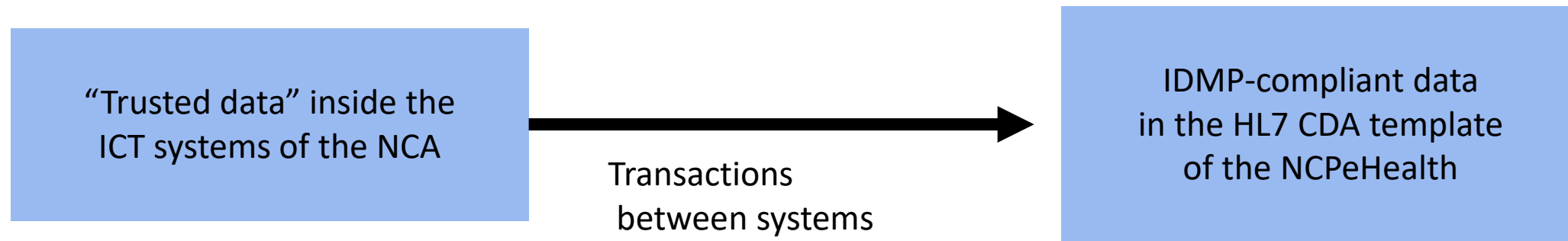
Two methods for transferring “Trusted Data” on Medicinal Products from the National Competent Authority for Marketing Authorisation (NCA) to the National Contact Point in eHealth (NCPeH)



Online transaction
(OLT) platform



Conformance testing of “trusted data” from NCA to NCPeH



Cross-border / Including substitution in eDispensation

Marcello Melgara, Angela Ferrara & Luca Garbarino



► Purpose

This use case aims to facilitate the exchange and Cross-border dispensing of ePrescriptions enhanced with IDMP attributes between two countries, Country A and Country B.

It seeks to facilitate patients' access to medications while adhering to substitution rules and national regulations in the country of dispensation.



► Context:

The use case operates within the context of eHDSI, which entails healthcare collaboration across international borders among participating nations.

Non Technical Factors



Legal



Regulatory requirements



Privacy and data protection

Country B



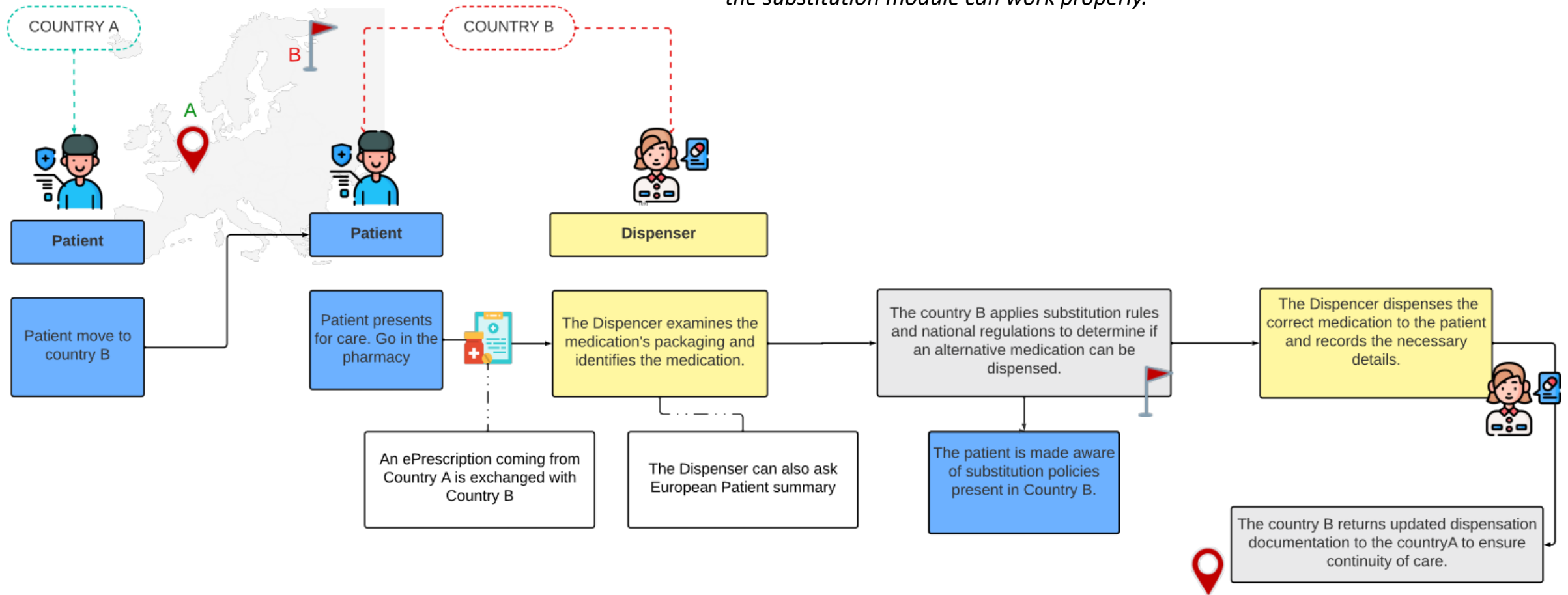
Substitution Rules



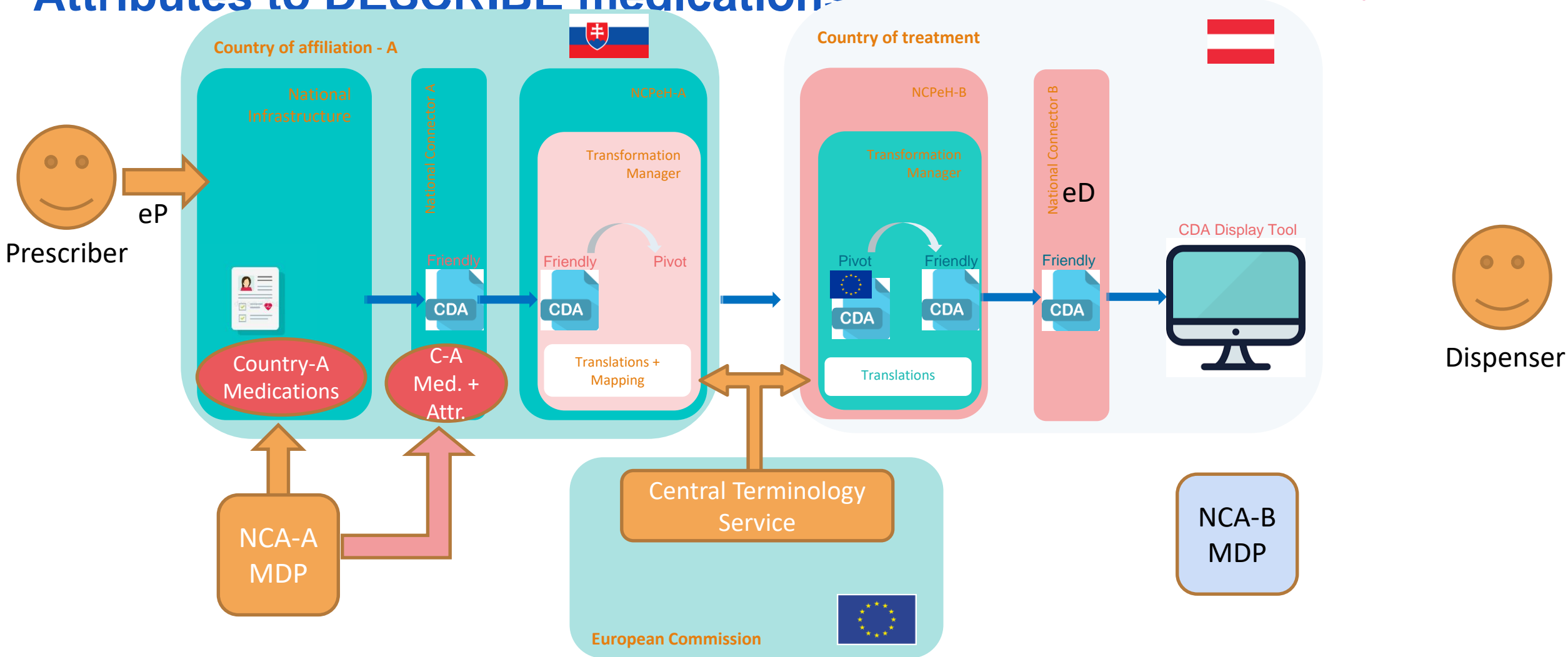
► Main contact: angela.ferrara@intelleraconsulting.com

► Functional process flow

The functional process flow prerequisite is that Country B should have a complete list of IDMP compliant medicinal product packages for ePrescription medicines, so that the substitution module can work properly.



eHDSI Cross-Border Process – IDMP Minimum Attributes to DESCRIBE medications



What are the challenge of Substitution?



The idea is to include the substitution in the eD because is Difficult to have same brand product in all countries.

The idea is (with specific rules) Immediate identification of an equivalent (pharmaceutical) product for dispensation.



Modified Substance or Product name (+ dose form + strength) → Different Product (Generic Substitution)

Patient should get his/her medication with doses needed for the treatment period.

► What are we doing?



Greece

Belgium

We are creating a DB with 4 substances
(amlodipine, carbamazepine, ibuprofen, simvastatin)



packagedmedicinalproductprimarykey	packagedmedicinalproductfullname	pcidlabel
39670082	NORVASC*14 cpr 10 mg	ITA amlodipine besilate BB FARMA Srl tablet 14 x 10mg/
38102048	AMLODIPINA*28 cpr 5 mg	ITA amlodipine besilate HEXAL AG tablet 28 x 5mg/
38648022	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate EPIFARMA Srl tablet 14 x 10mg/
37675028	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate FG Srl tablet 14 x 10mg/
38038028	ABIS*14 cpr 10 mg	ITA amlodipine besilate AGIPS FARMACEUTICI Srl tablet 14 x 10mg/
37674025	ALMIDIS*14 cpr 10 mg	ITA amlodipine besilate EPIFARMA Srl tablet 14 x 10mg/
37701238	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate ABC FARMACEUTICI SpA tablet 14 x 10mg/
41408194	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate ACCORD HEALTHCARE SLU tablet 14 x 10mg/
39389212	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate ALMUS Srl tablet 14 x 10mg/
37329024	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate LABORATORI ALTER Srl tablet 14 x 10mg/
38096309	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate ARISTO PHARMA GMBH tablet 14 x 10mg/1mL
40789226	AMLODIPINA*14 cpr 10 mg	ITA amlodipine besilate AUROBINDO PHARMA ITALIA Srl tablet 14 x 10mg/1mL



Cross-border/Including substitution in eDispensation Unicom Assets

Resources produced by UNICOM



► MALEH

► Wave 6, IDMP

eHDSI value set (MVC 6.1.0) + coding system	SPOR-RMS list name	EMA IG 2.1 attribute name (Preferred in RED)
Product (Brand) Name	Product Name	Product Name
eHDSIDoseForm (EDQM)	Pharmaceutical Dose Form	Authorised Pharmaceutical Form
		Manufactured Dose Form
		Administrable Dose Form
eHDSIQuantityUnit (EDQM)	Units of Presentation	Manufactured item / Unit of Presentation
		Pharmaceutical Product / Unit of Presentation
		Pack size (CP-63)
eHDSIPackage (EDQM)	Packaging	Package item (container) type (CP-63)
eHDSIUnit (UCUM)	Units of Measurement	Manufactured Item Quantity
		Strength (Presentation single value or low limit)
		Strength (Concentration single value or low limit)
		Reference Strength (Presentation single value or low limit)
		Reference Strength (Concentration single value or low limit)
eHDSIRouteofAdministration (EDQM)	Routes and Methods of Administration	Route of Administration
eHDSIActiveIngredient (WHO-ATC)	Anatomical Therapeutic Chemical classification system – Human	ATC code(s)
eHDSISubstance (SPOR-SMS)	SPOR-SMS	Substance
		Reference Substance
Marketing Authorisation Holder	Full name (SPOR-OMS (LOC ID))	Marketing Authorisation Holder (Organisation)
Medicinal Product Code	National Product ID / ATG	Product Management Service Identifier (PMS ID)
	If available:	Medicinal Product Identifier (MPID)
	Product Management Service Identifier	Packaged medicinal product Identifier (PCID)
	PhPID, MPID, PCID	Pharmaceutical Product identifier (PhPID)



Product lookup for Patient-Facing Apps

Use Case

Request to renew a medication on the Medication List from a patient from Country A in Country B

Nicole Veggiotti - Datawizard



This use case helps testing the usefulness of **ISO/CEN IDMP standards** for the **univocal identification of medicinal product in a private sector real-world scenario.**

This use case aims to demonstrate the possibility for patients from Country A who are abroad **without their medicine** to obtain a **similar substitute medicine** in Country B, in order to safeguard their health and ensure their adherence and continuity of treatment.

Application for users

Patient-Facing Apps (PFAs)

UNICOM

Datawizard

gnomon
INFORMATICS S.A.

> BENEFICIARIES

Beth Israel Lahey Health
Beth Israel Deaconess
Medical Center

Three applications are provided to patients:

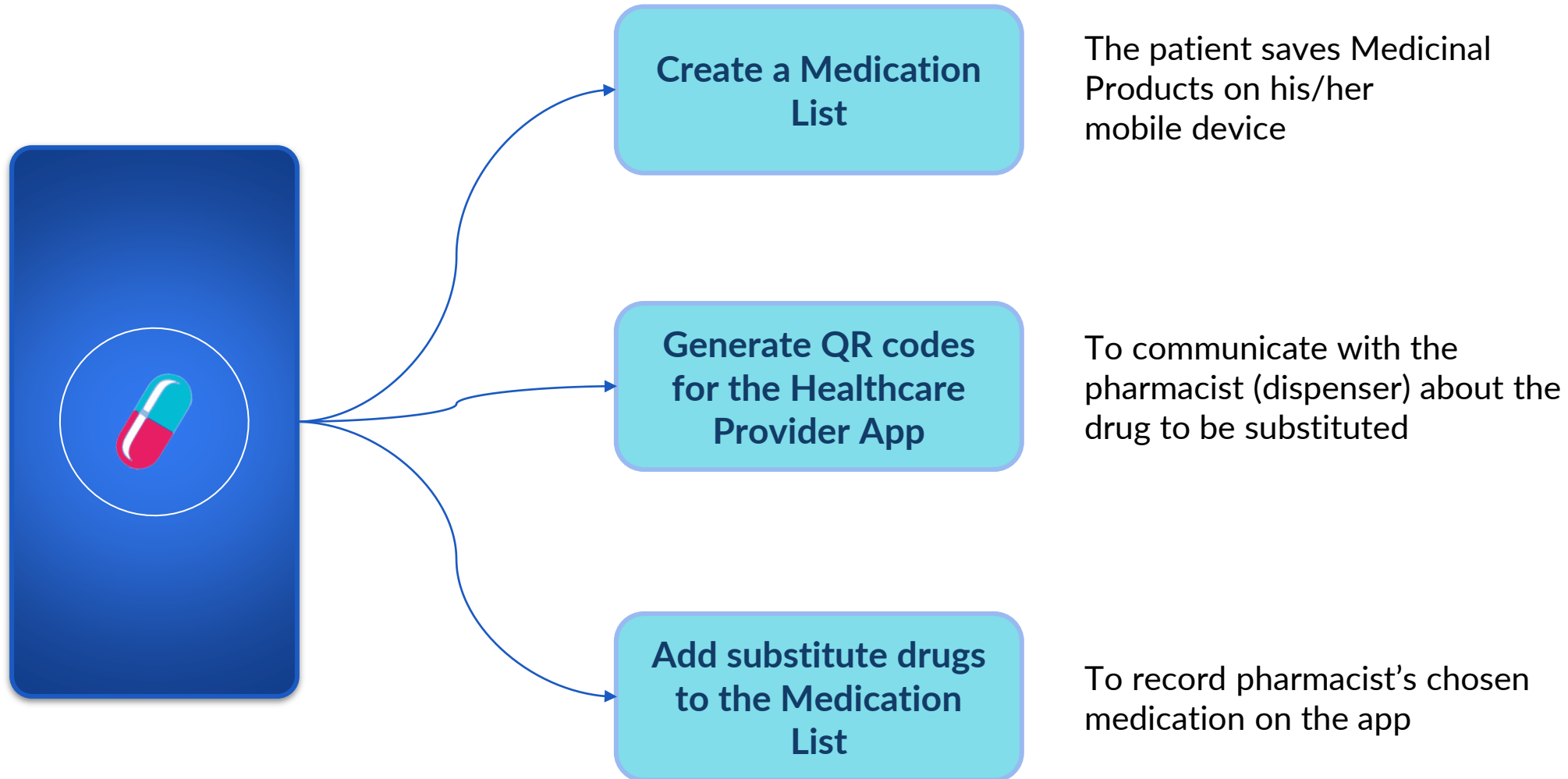
Pharmawizard4UNICOM, eHealthPass and InfoSAGE

All present the same functionality:

- ✓ Ability of **searching for medicine** to gain information about it
- ✓ Ability of **adding medicines** to patients' Medication List
- ✓ Ability of selecting a medication from the Medication List to be refilled
- ✓ Ability of **creating a medicine data QR code** to be shown to the HCPs abroad to make them able to find a substitute drug
- ✓ Ability of **adding the identified substituted drug** to the Medication List via the QR code generated by the HCP app.



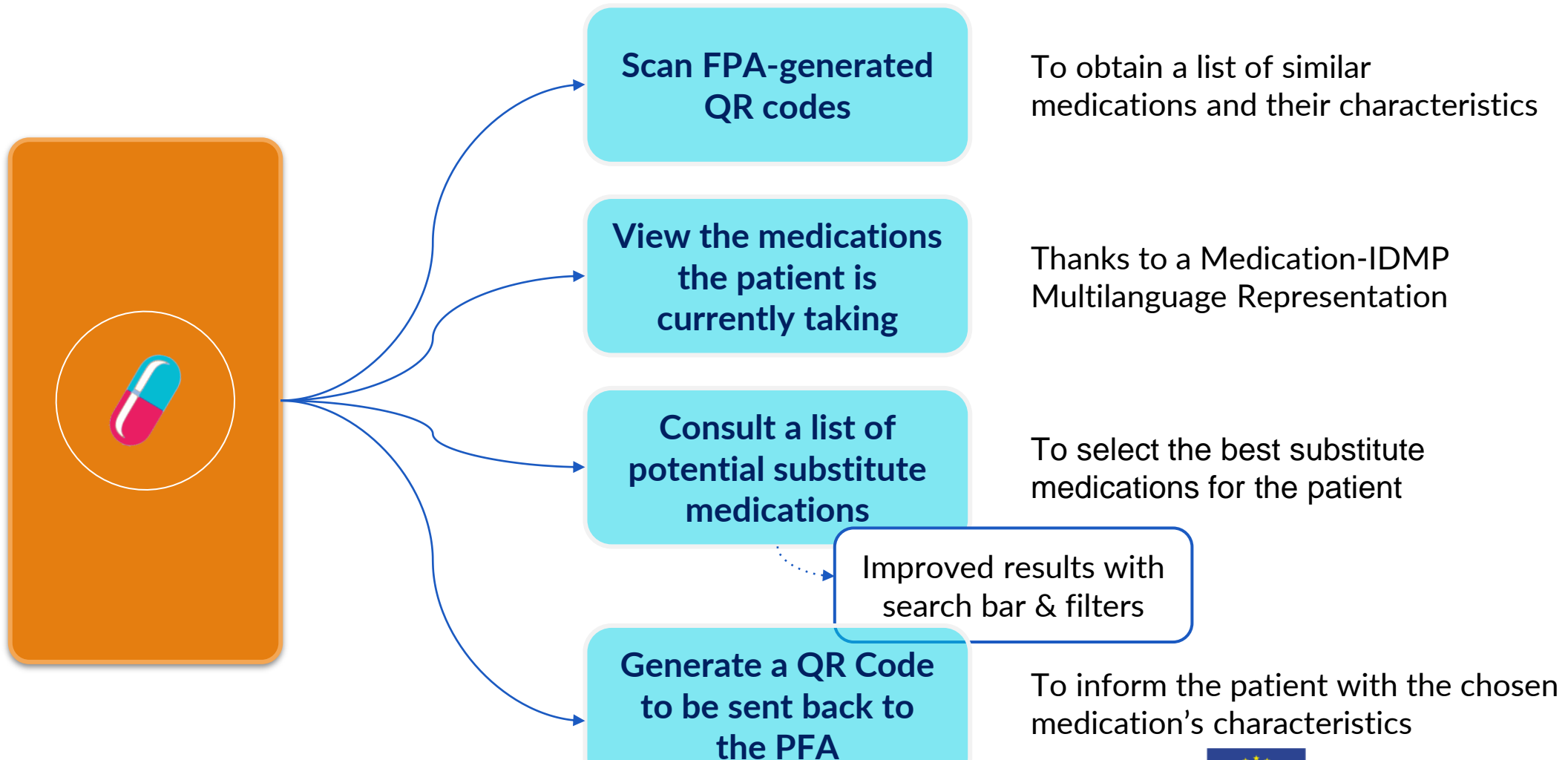
With the Patient-Facing App the user is able to:



One interface is provided to healthcare professionals (physicians, pharmacists..), with the following functionalities:

- ✓ **Scanning** the Patient-Facing App generated QR code
- ✓ **Connecting to the Substitution Component of the UNICOM server** to get a list of equivalent or similar drugs from which to choose the most appropriate medication
- ✓ **Generating a new QR code** containing the substitute drug data and information to be sent back to the Patient-Facing App

With the **Healthcare provider app** the dispenser (or prescriber) is able to:



- A. A patient from Country A, travelling to Country B can select a medication from the Medication List that needs refilling and present the corresponding QR code to the healthcare provider in Country B
- B. The HealthCare Provider Application (HCPA) can read the PFA-generated QR code, to send information via API to the UNICOM T6.1 database and receive back a list of similar medications available in Country B, applying the local substitution rules
- C. The healthcare provider makes an informed choice and provides the patient with the identifier of the chosen medication (and its labelling information) via an HCPA-generated QR code to be sent back to the PFA
- D. The patient from Country A can now gain information about the similar medication available in Country B

Data represented via **JSON** (JavaScript Object Notation) format provide Patient-Facing and Healthcare Provider Applications with the ability to read or generate medication identification.

QR code generated by the Patient-Facing App



```
{  
  "medication": "NORVASC-tablet-5mg--65-ITA-MPD",  
  "substitution": null  
}
```

QR code generated by the Healthcare Provider App



```
{  
  "medication": "NORVASC-tablet-5mg--65-ITA-MPD",  
  "substitution": "amlodipine-maleate-GENERICS-TAB-10MG-TAB-173-GRC-MPD"  
}
```

The medication key will correspond to the PhPID label of the user-selected medication
The substitution key will correspond to the PhPID label of the substitute medication selected by the healthcare provider.

The use case presented involves **Haris**

- Male
- 45 years old
- 90 kg
- 175 cm
- **Hypertension**



Patient medication list:

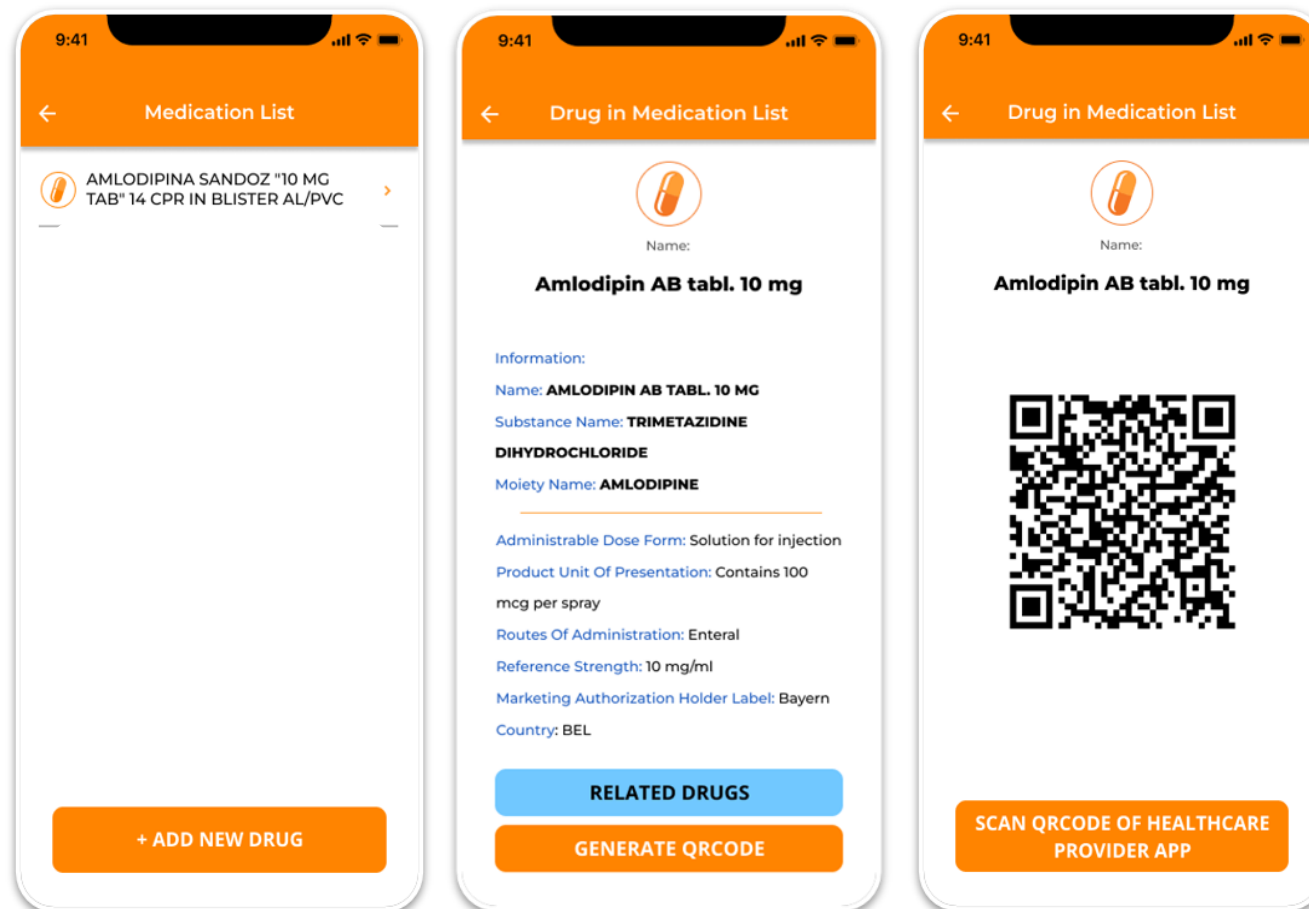
Amlodipine 5mg 1DDD (Brand Zocor) to treat **hypertension**

During an unexpectedly extended stay in a foreign country, the patient is in need of a **refill** of **amlodipine**. He shows the pharmacist the **QR code** for the drug needed.

The screenshot displays the eHealthPass mobile application interface. On the left, there is a login/sign-up section with a 'SIGN IN' button and a 'REGISTER NOW' button. Below this, a message states: 'The logging information is credentialed and recorded in a safe environment.' with an 'Instructions' link. The main content area is divided into two parts. The top part shows a patient profile for 'Καλωσήρθατε Mary Karena' with a notification for '1 εκκρεμής δραστηριότητες από 1'. Below this are two cards: 'Η Υγεία μου' and 'Φαρμακευτική αγωγή'. The 'Φαρμακευτική αγωγή' card shows a list of medications: 'αμλοδιπίνη 15/09/2023', 'atorvastatin, amlodipine and per...', 'αμλοδιπίνη 04/08/2023', 'almasilate 22/06/2023', and 'Agni casti fructus 20/06/2023'. The bottom part of the screenshot shows a 'Φάρμακο στη λίστα φαρμάκων' screen with a QR code for 'LODIPIN 10 mg καψάκια, σκληρά'. The QR code is labeled 'QrCode' and has a note: '*ΣΑΡΩΣΗ QR CODE ΤΗΣ ΕΦΑΡΜΟΓΗΣ ΠΑΡΟΧΟΥ ΥΓΕΙΟΝΟΜΙΚΗΣ ΠΕΡΙΘΑΛΨΗΣ'. The application footer includes icons for 'Αρχική', 'Βοήθεια', 'Ειδοποιήσεις', 'Ημερολόγιο', and 'Ρυθμίσεις'.



During an unexpectedly extended stay in a foreign country, the patient is in need of a **refill** of **amlodipine**. He shows the pharmacist the **QR code** for the drug needed.



The pharmacist recognizes that the medicine comes from a foreign country. Thanks to the HCPA, he/she can identify the similar medicine marketed in his/her country. He/she shows the patient the new drug.

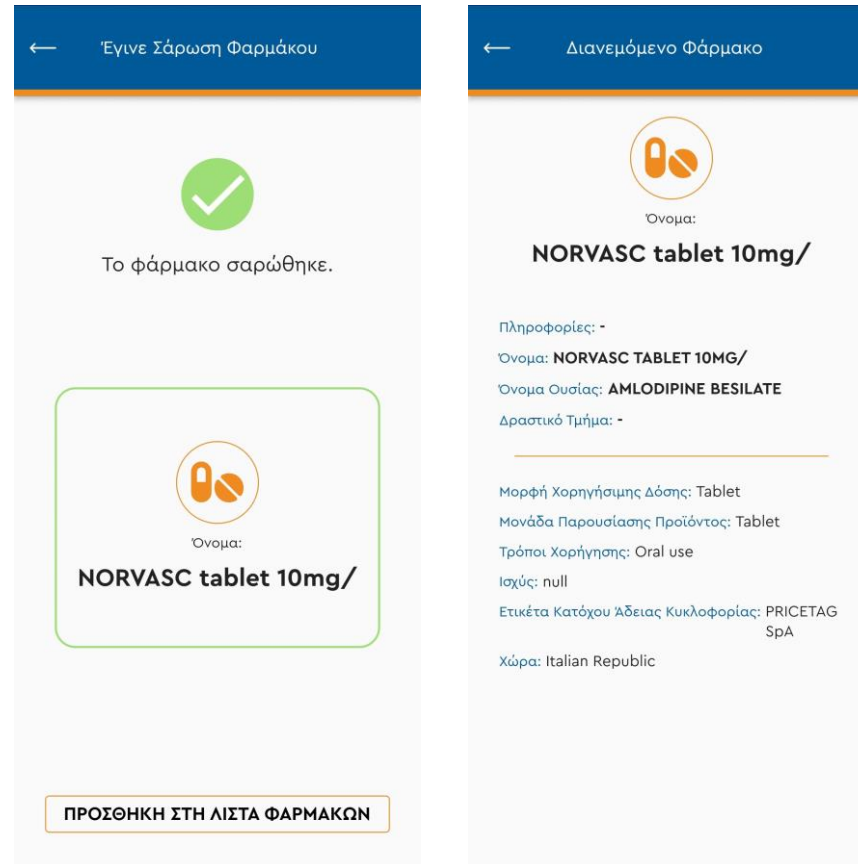


The screenshots show the following steps in the application:

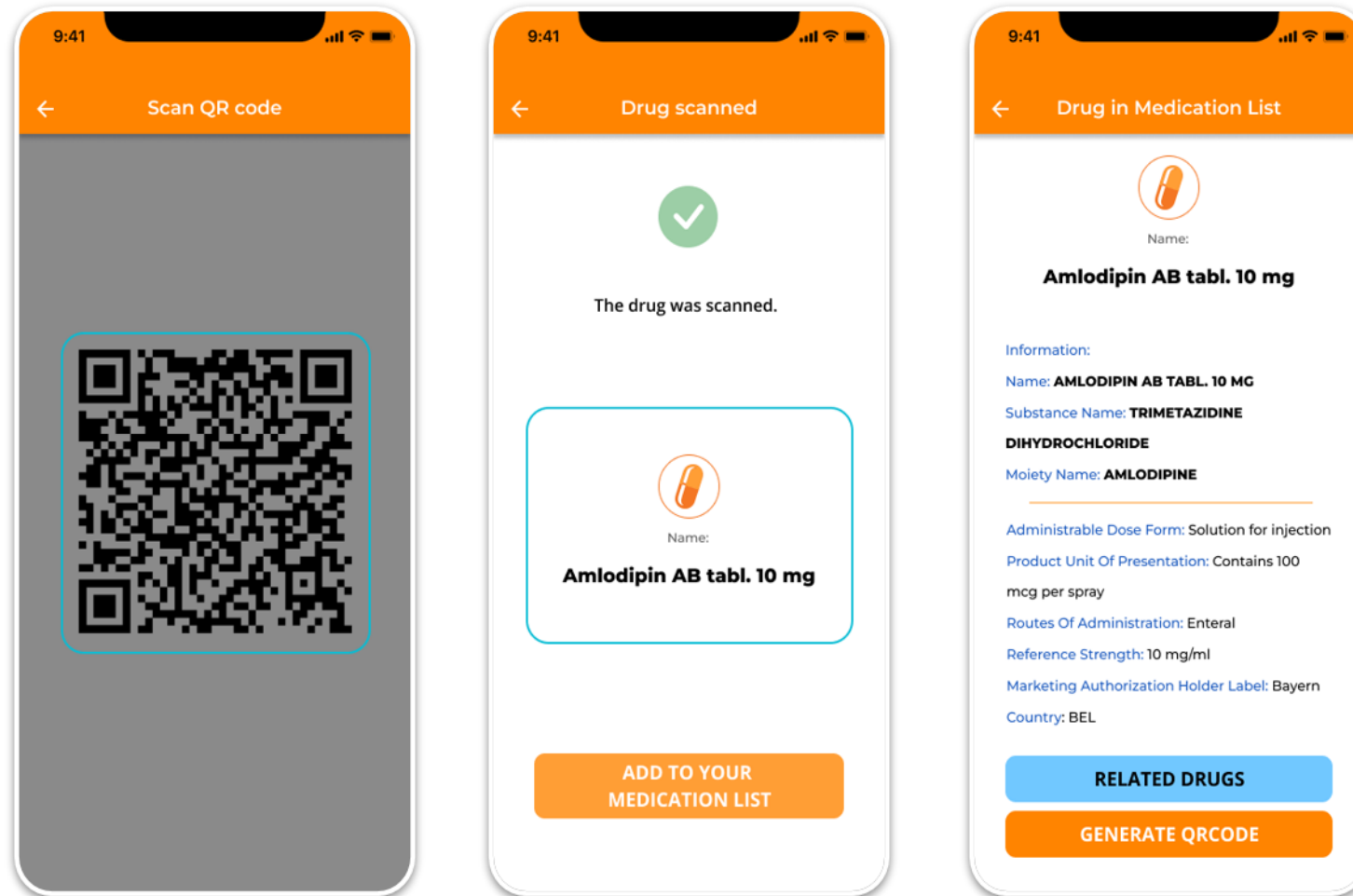
- Medicinale trovato:** Displays details for 'amlopidine maleate/GENERICS TAB 5MG/TAB'. Information includes: Nome: **AMLODIPINE MALEATE/GENERICS TAB 5MG/TAB**; Nome Sostanza: **AMLODIPINE MALEATE**; Nome Moiety: [blank]; Forma Della Dose Somministrabile: Tablet; Unità Di Presentazione Del Prodotto: Tablet; Via Di Somministrazione: Oral use; Reference Strength: 5 milligram(s) / 1 Tablet; Azienda: GENERICS PHARMA HELLAS EFE; Nazione: Hellenic Republic. A button at the bottom says 'GENERA LISTA DI MEDICINALI SIMILI'.
- Lista dei medicinali simili:** Shows a search bar and a list of 10 results. The first result is 'AMLODIPINA ABC tablet 5mg/'. Other results include 'NORVASC tablet 10mg/', 'NORVASC tablet 5mg/', 'ANTACAL tablet 5mg/', and 'AMLODIPINA ZENTIVA ITALIA tablet 10mg/'.
- Medicinale selezionato:** Displays details for 'AMLODIPINA ABC tablet 5mg/'. Information includes: Nome: **AMLODIPINA ABC TABLET 5MG/**; Nome Sostanza: **AMLODIPINE BESILATE**; Nome Moiety: [blank]; Forma Della Dose Somministrabile: Tablet; Unità Di Presentazione Del Prodotto: Tablet; Via Di Somministrazione: Oral use; Reference Strength: 5 milligram(s) / 1 Other; Azienda: ABC FARMACEUTICI SpA; Nazione: Italian Republic. A button at the bottom says 'GENERA QR CODE PER L'UTENTE'.
- Medicinale selezionato:** Shows a large QR code and the text: 'Mostra il codice QR all'utente, in modo che possa scansionarlo e vedere la sostituzione selezionata.'



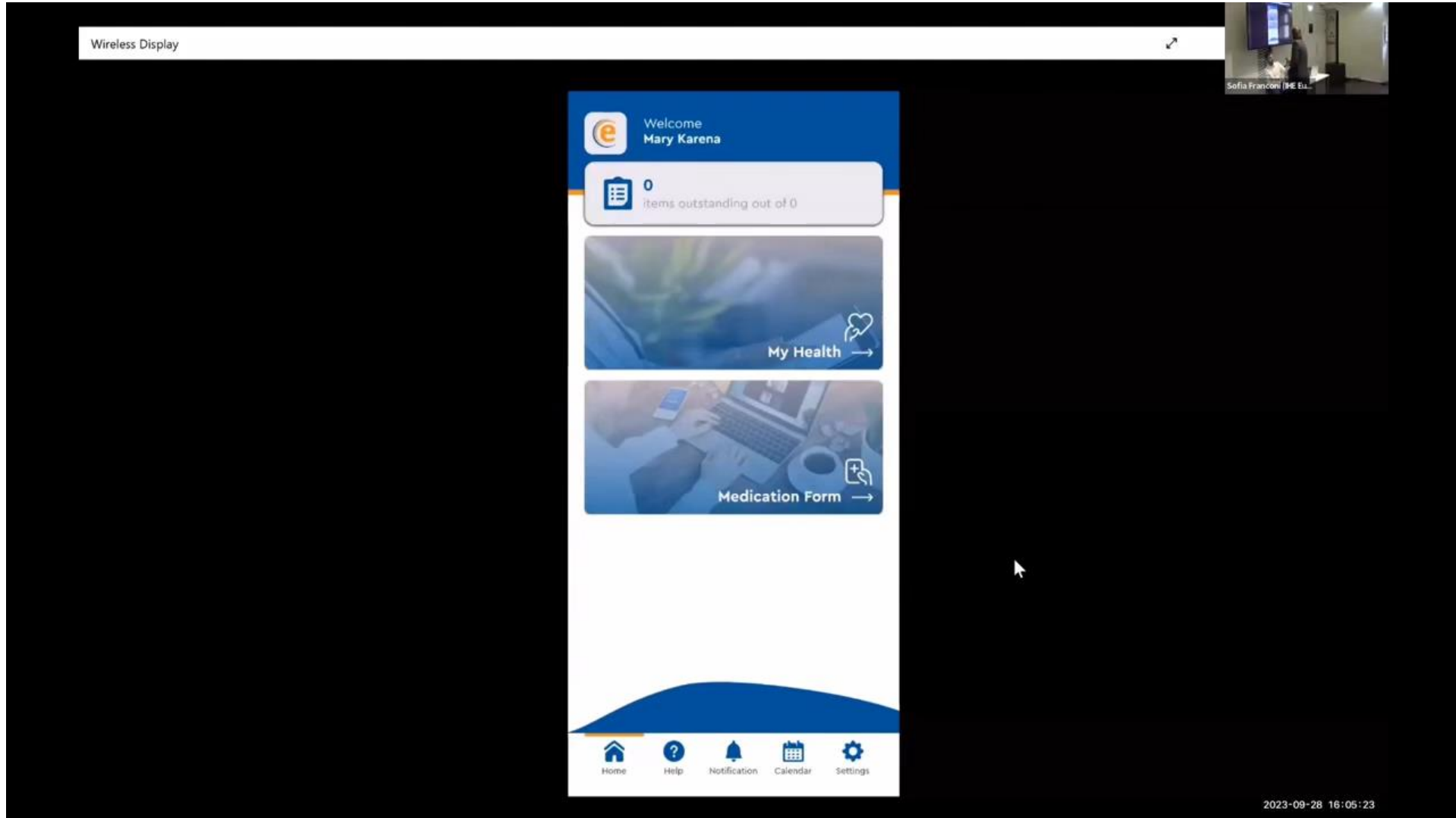
The patient scans the pharmacist's QR code and add this drug to the Medication List



The patient scans the pharmacist's QR code and add this drug to the Medication List



Demo video



Wireless Display

Welcome
Mary Karena

0
items outstanding out of 0

My Health →

Medication Form →

Home Help Notification Calendar Settings

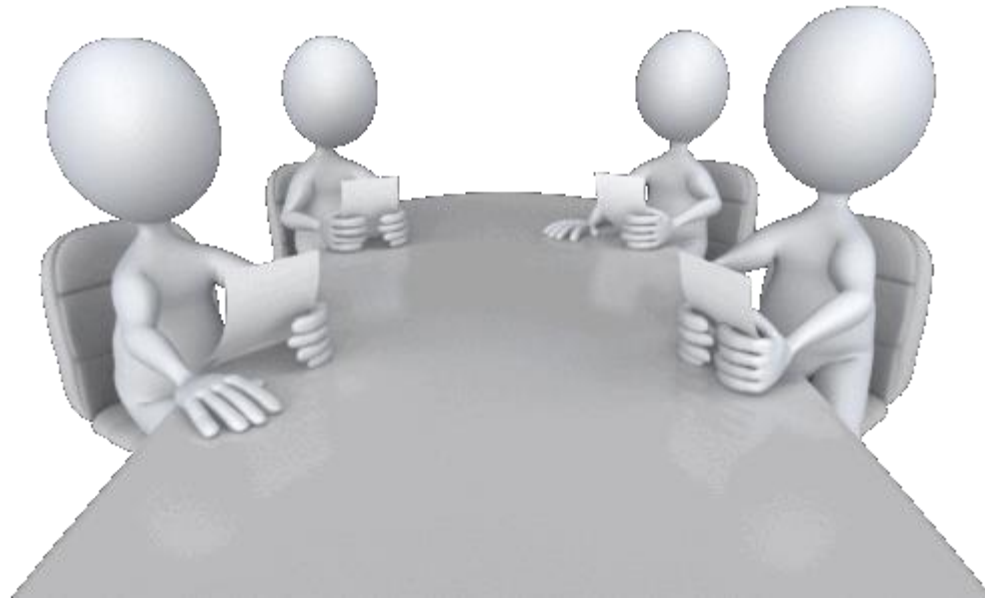
2023-09-28 16:05:23



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Thanks for your time

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