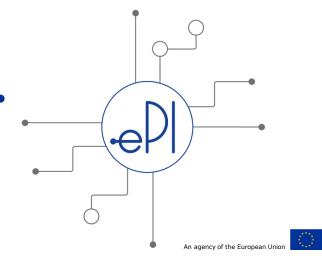






## Electronic Product Information (ePI) for EU medicines

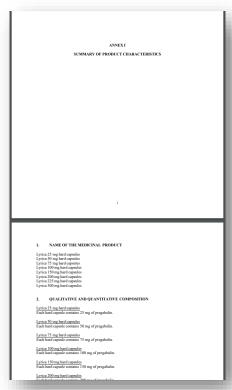


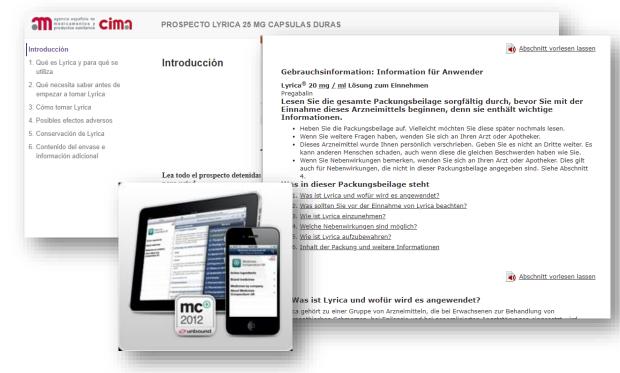






## Towards electronic solutions for product information











## ePI Key Principles

**ePI** is authorised, statutory product information for human medicines (i.e. summary of product characteristics, package leaflet and labelling) in a semi-structured format created using a **common EU electronic standard**. ePI is adapted for electronic handling and allows dissemination via the web, e-platforms and print.



Key principles: adopted by HMA and EMA, published January 2020









# ePI facilitates dissemination to patients and healthcare professionals



Access ePI on phone/tablet for all users incl. users with print impairments



Seek reminder of how to take medicine



Go to 'How to take your medicine'
Option to watch video
Or use screen reader



Support rapid roll out of COVID-19 vaccines and therapeutics



Use QR code to link to national language PL



Delivery of vaccine to all EU countries







#### ePI achievements in 2021

#1

Created an **EU ePI Common Standard** based on FHIR to support harmonisation across the EU and collaboration across the network

#2

Demonstrated a **proof-of-concept prototype** using the EU ePI Common Standard by generating example FHIR-based documents associated with product data to publish on a website.

#3

Developed a realistic medium-term **vision and road map** towards achieving the benefits for stakeholders, HMA, EC, EMA as outlined in the Key Principles for ePI in the EU







#### ePI deliverable #1 EU ePI Common Standard

**EU ePI common standard** based on FHIR for electronic product information (ePI) in the EU to support a harmonised ePI across the EU to support collaboration across the network

**F**ast

**H**ealthcare

**I**nteroperability

FHIR is: a set of XML (and/or JSON) health data resources, plus a REST

**Resources** API for accessing them



Adopted EU Common Standard for ePI published on GitHub: <a href="https://github.com/EuropeanMedicinesAgency/EU-ePI-common-standard">https://github.com/EuropeanMedicinesAgency/EU-ePI-common-standard</a> Consisting of:

- 1. ePI API Specification (PDF) and the associated ePI API service list (Excel);
- 2. A FHIR XML template based on the Quality Review of Documents (QRD) template for human medicines;
- 3. An **instance** of an ePI sample message provided in XML and HTML, along with a sample XSL transformation.







### ePI deliverable #2 Proof-of-concept

Prototype was demonstrated

at 5 July Information Workshop

(<a href="https://youtu.be/s0\_md3zQpJE">https://youtu.be/s0\_md3zQpJE</a> around 53 min)

- ePI based on the draft EU common standard is:
  - Multilingual
  - Accessible
  - User-friendly
  - Interoperable with SPOR master data providing benefits of structured data









## ePI deliverable #3 Roadmap

- EU ePI Common Standard developed;
- Public consultation;
- EU ePI Common Standard adopted.

- Creation tool for ePI based on adopted EU ePI Common Standard developed;
- Guidance material created for new products and legacy data.

- · Pilot begins;
- Results of pilot feed back to tooling and guidance.

- CAP implementation;
- Phased implementation NAPs;
- EU ePI Common Standard evolves;
- Controlled up-versioning.

2021

2022

2023-2024

**Future** 







## Any questions?



#### Further information

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See websites for contact details **European Medicines Agency** <u>www.ema.europa.eu</u> Heads of Medicines Agencies www.hma.eu **European Commission** <u>www.ec.europa.eu</u>





#ePI4Medicines