HL7 Europe WGM in Lisbon: latest updates

Webinar, 22 January 2025
14:00-15:00 CET

Online on Teams

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HL7 Europe Working Group Meeting • February 10-14, 2025, Lisbon, Portugal

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HL7 Europe WGM in Lisbon: latest updates

- Kai Heitmann, HL7 Europe

- Giorgio Cangioli, HL7 Europe

- Rhonda Facile, HL7 Europe

- Host: Michael Strübin, HL7 Europe

Housekeeping

- Your facilitator: Michael Strübin, HL7 Europe
- The webinar will be recorded, slides will be shared in pdf.
- To help ensure a successful webinar please:
  - Stay muted
  - Feel free to use reactions/emojis during the presentations
  - Use the chat to make comments or raise your questions
  - Raise your hand if you'd like to speak
  - If you are invited to speak, please turn on your video and say who you are

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Schedule

	Mon, Feb 10	Tue, Feb 11	Wed, Feb 12	Thu, Feb 13	Fri, Feb 14
Morning	Travel to Lisbon	Coffee/Tea, Announcements	Coffee/Tea, Announcements	Coffee/Tea, Announcements	Coffee/Tea, Announcements
Q1		Opening Session Plenary	EU-a-thon	Working Group Sessions	Working Group Sessions
Q2		EU-a-thon			Closing Session Plenary
Lunch		Lunch	Lunch	Lunch	Farewell Brown Bag Lunch
Q3	Hospital on FHIR Workshop (other location)	EU-a-thon	EU-a-thon	Working Group Sessions	Travel Home
Q4			Working Group Sessions, #phoenix Cancer Accelerator Kick-off		
Evening	Welcome Reception		Networking Reception		

- Monday: Hospital on FHIR Workshop (Uphill location) ⟹ Rhonda
- Monday evening: Welcome Reception (Iscte Building 4)
- Tuesday: official Opening Ceremony (Building 1)

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Evening	Welcome Reception		Networking Reception		

- EU-a-thon until Wednesday afternoon, Networking Reception
- Wednesday afternoon, Thursday and Friday Working Group Sessions
- Friday: Working Groups, Closing Session, Brown Bag Farewell Lunch
- All in building 4

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Opening Plenary Session

- Introductions
- Keynote – Diego Kaminker
- HL7 FHIR for EHDS – Rutt Lindström
- #phoenix Cancer Accelerator
- EU-a-thon: scope, goals, and further developments
- Logistics and Event Information

EU-a-thon

Learn. Test. Verify. Improve. With HL7 Europe.

⟹ Giorgio

Iscte Campus Lisbon

Registration, Fees and Fun
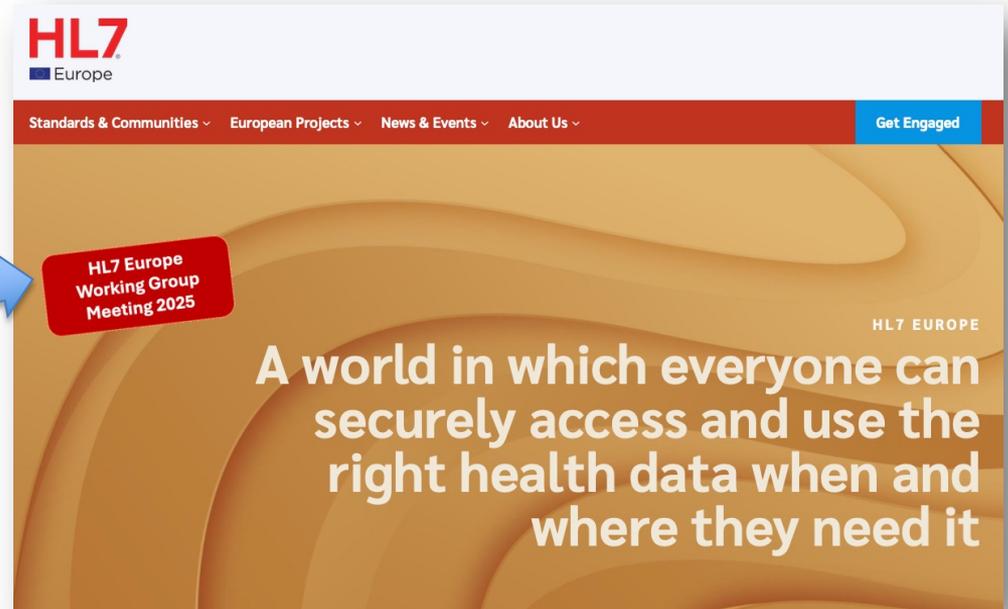
- Registration at **tinyurl.com/y9t4b57n**

- Normal Registration Fee **450 EUR** incl V.A.T (23%)

- Free Add-ons

  - Welcome Reception (Monday evening)

  - Networking Reception (Wednesday evening)

- Note for Companies outside Portugal:
  EU V.A.T. rules apply

More Information and Updates

- hl7europe.org

click here

- tinyurl.com/
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Join us at the
HL7 Europe Working Group Meeting 2025

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What is the EU-a-thon?

- The EU-a-thon is an event **centered on developing the European HL7 FHIR specification** including resources, profiles and implementation guides.

- The purpose is to **advance and prove that the specification is complete** and **to progress** with the HL7 FHIR implementation guide **maturity**.

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What is the EU-a-thon?

- The EU-a-thon seeks to involve participants by facilitating informal discussions, sharing experiences, and conducting initial implementation exercises, as well as examining new adoption scenarios.

- It offers a venue for collaborative investigation.

- Insights gathered from these sessions will be crucial for the development of the specifications.

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Why the EU-a-thon?

- **Minimise** the **time** and **expenses** associated with highly reusable healthcare APIs **while enhancing their quality**.
- Enable various stakeholders to connect with one another to
  - uncover potential gaps in development or in the understanding of the specifications
  - pinpoint possible challenges in their implementations
  - Encourage discussions regarding current/developing guides
  - Foster innovative ideas

How it works?

- EU-a-thon **participants** come together to **work alongside** vendors, **peers**, healthcare providers and administrators, as well as those **that actually wrote the HL7 FHIR specification**.

- **Validation tools** are made available **for developers** to rapidly **learn to implement the standard** and check their conformance to the specification and mature implementation guides.

How it works?

- The EU-a-thon will be held over 2 days (February 11 and 12)
- It is composed of multiple *Tracks* focusing on a specific use case
  - Profile, Resource, Operation
  - Implementation Guide
  - Workflow

- Each track has at least one coordinator - Track Lead

- Participation requires some advance planning and preparation

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How it works?

- Activities will consist of:
  - Detailed discussions on use cases
  - Verification of implementation guides
  - Enhancement of the HL7 FHIR Specification
  - Exchange of adoption challenges, experiences, and best practices
  - Breakout working sessions

Who should attend?

- **Anyone!** You don't need to be a developer…
- Domain experts, healthcare providers..
  - bring your ideas and needs and see how they could be implemented
  - Check if what is there fits for purpose
- Vendors, developers
  - Verify your implementations
  - Test the specifications

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Who should attend?

- Architects, specifiers
  - Improve your specifications
  - Check specification consistency and applicability

- …. For all….
  - Discuss
  - Learn from each other
  - Have fun ;-)

Participant Opportunities

- Join in the community

  - Bring Questions and share your challenges

  - Help others by sharing your knowledge

- Bring your development system ready to go

  - Have your application installed and your environment configured

- Raise questions/ discuss hot topics

- Record your Results

- What happens at EU-a-thon stays at EU-a-thon … It's OK to fail, there are no "stupid" topics

The EU-a-thon in Lisbon

- Six tracks (Tuesday to Wednesday)
  - European **Hospital Discharge Report**, **Patient Summary**, and **Base/Core** Profiles
  - European **Common Cancer Model**
  - European **Laboratory Report**
  - **Medication Prescription** and **Dispense**
  - European **Imaging Study Report**
  - **Analytics on FHIR**

The EU-a-thon in Lisbon

Track	Tue Room 1	Tuesday Room 2	Wed Room 1	Wed Room 2
Hospital Discharge Report, Patient Summary, and Base/Core Profiles	**Q2; Q3 Q4 (*)**			
Common Cancer Model			**Q1; Q2 Q3**	
EU Lab Report	**Q4 (*)**			**Q2**
Analytics on FHIR track	**Club Room Tuesday 11:30-13:00**			
Medication Prescription and Dispense	**Q3; Q4 (*)**			**Q1**
Imaging Study Report	**Q4 (*)**	**Q2**		**Q3**

Q1 09:30-11:00; Q2 11:30-13:00; Q3 14:00-15:30; Q4 16:00-17:30

Hospital Discharge Report, European Patient Summary, Common/Base Profiles

- **Goal**: engage participants in the ongoing development of a new set of HL7 FHIR Implementation Guides (IGs) under HL7 Europe.

- Brief introduction to the guides, highlighting their relationships and interconnectedness.

- Breakout sessions to facilitate the sharing of participant experiences, and practical implementation issues will be explored in depth.

- Early implementers are invited to prove their implementations.

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Hospital Discharge Report, European Patient Summary, Common/Base Profiles

- Attendees are encouraged to contact the track leaders to propose topics or presentations.

- Indicatively, sessions in Q2 and part of Q3: **Hospital Discharge Report (HDR)**

- **Tue Q3**: **European Patient Summary (EPS)**.

- **Tue Q4** will focus on **Base/core Profiles** joint with Lab Report, Medication Prescription and Dispense, Imaging Report

Common Cancer Model

- **Goal**: make first steps to develop the European Cancer Model, basis for the [HL7 Europe Cancer Common FHIR Implementation Guide](#)

- Brief introduction of the topic,

- Presentation, discussion, and consolidation of a preliminary high level draft of the common cancer model (**Q1** and **Q2**)

- Identification of the attributes of some of the entities in the consolidated entity diagram.

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Laboratory Report

- **Tue Q4** joint with Hospital Discharge Report, European Patient Summary and Common/Base Profile

- **Wed Q2**

- National FHIR-based lab report, harmonization of national CDA-based lab report with EEHRxF

- Visualization with [vi7eti](#), synthetic data with [SYNDERAI](#)

- Early implementers are invited to prove their implementations

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Imaging Report

- **Goal**: testing the preliminary IG (to be published) - examples, taking example imaging reports and coding them in the IG format. Participants are invited to bring their own country specific examples, so we have a good coverage.

- **Tue- Q2** - introduction and kick-off work on examples

- **Tue- Q4** - joint with Hospital Discharge Report, European Patient Summary and Common/Base Profile, lessons learned and discuss issues found work on examples

- **Wed- Q3** - lessons learned and discuss issues found - create report out

Medication Prescription and Dispense

- **Tue Q3** discuss Medication in HDR
- **Tue Q4** joint with Hospital Discharge Report, European Patient Summary and Common/Base Profile

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A first step of a long journey

- Next stops are:
  - HL7 International WGM FHIR Connectathon – May 2025, Madrid
  - IHE Europe Connectathon/Plugathon – June 2025, Vienna

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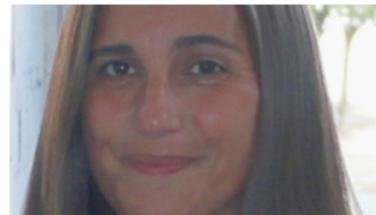
What is Hospitals on FHIR?

The **Hospitals-on-FHIR** initiative is a Community of Practice aimed at:

- boosting interoperability maturity in organizations,
- fostering a progressive and collaborative approach to preparing for the EHDS ethos of creating value for patients through data sharing.

- Experts, industry, and EU-funded projects are converging on the HL7 FHIR as a route to interoperable healthcare and a central tenet of the European Electronic Health Record and its Exchange Format.

- Hospitals and every healthcare providers are where a vast amount of health data created. Data located in these organizations needs to be shared, to support of the European Health Data Space (EHDS) and to become a reality for citizens by supporting the primary and secondary use of health data.

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HoF Brussels Meeting

- Resounding success!
  - \>120 attendees
  - Post Event Survey Responses – highly positive
- Thanks to our sponsors!

Policy Updates – 100 Days of the New Commission

- **Artificial Intelligence Act** - 13 June **2024** - The AI Act addresses the risks of AI. The <u>AI Act</u> (Regulation (EU) 2024/1689 establishes harmonised rules on artificial intelligence), provides AI developers and deployers with clear requirements and obligations regarding specific uses of AI. At the same time, the regulation seeks to reduce administrative and financial burdens for business, in particular small and medium-sized enterprises (SMEs). (https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32024R1689)

- **European Health Data Space –** 8 January **2025** - The Council of the EU adopts new regulation improving cross-border access to EU health data. This new law will make it easier to exchange and access health data at EU level, paving the way for it to come into force. (https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CONSIL%3APE_76_2024_INIT&qid=1736502814806)

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Policy Updates – 100 Days of the New Commission

- **Cybersecurity** - 15 January 2025 - EU Commission published "European action plan on the cybersecurity of hospitals and healthcare providers". The goal is to protect the health sector from cyberattack. (https://ec.europa.eu/commission/presscorner/detail/en/ip_25_262)

- **Pseudoanonymization** - 17 January 2025 - European Data Protection Board (EDPB) has adopted guidelines on pseudonymisation, as well as a statement on the interplay of competition law and data protection. (https://www.edpb.europa.eu/news/news/2025/edpb-adopts-pseudonymisation-guidelines-and-paves-way-improve-cooperation_en)

Hospitals On FHIR

70+
Hospitals
Healthcare Providers

Solutions providers

Affiliate Associations

8 countries

National Ambassadors

Active:

- France
- Belgium
- Germany
- Portugal
- Spain
- Italy
- Norway

In activation

- Greece
- Cyprus

Ambassadors at Large:

Henrique Martins   Giorgio Cangioli

LUC CHATTY

FREDERIC LAURENT

EUGENIA RINALDI

Germany Ambassador

Charitè

GIUEPPE FICO

Spain Ambassador

UPM

MARIE-ALEXANDRA LAMBOT

Belgium Ambassador

St.Pierre Hospital

CSCT

KARLIEN ERAUW

Belgium Ambassador

Agoria

HL7 BE

SYLVIA THUN

VICTOR COSTA

Portugal Ambassador

JUSTAS TRINKUNAS

Lithuania Ambassador

VUL Santaros klinikos

PAULIUS RAGAUSKAS

Lithuania Ambassador

VUL Santaros klinikos

RICCARDO HAUPT

Italy Ambassador

Giannina Gaslini Hospital

ANNE MOEN

Norway Ambassador

University of Oslo

Hospital on FHIR Workshop – Lisbon

Date & Time:
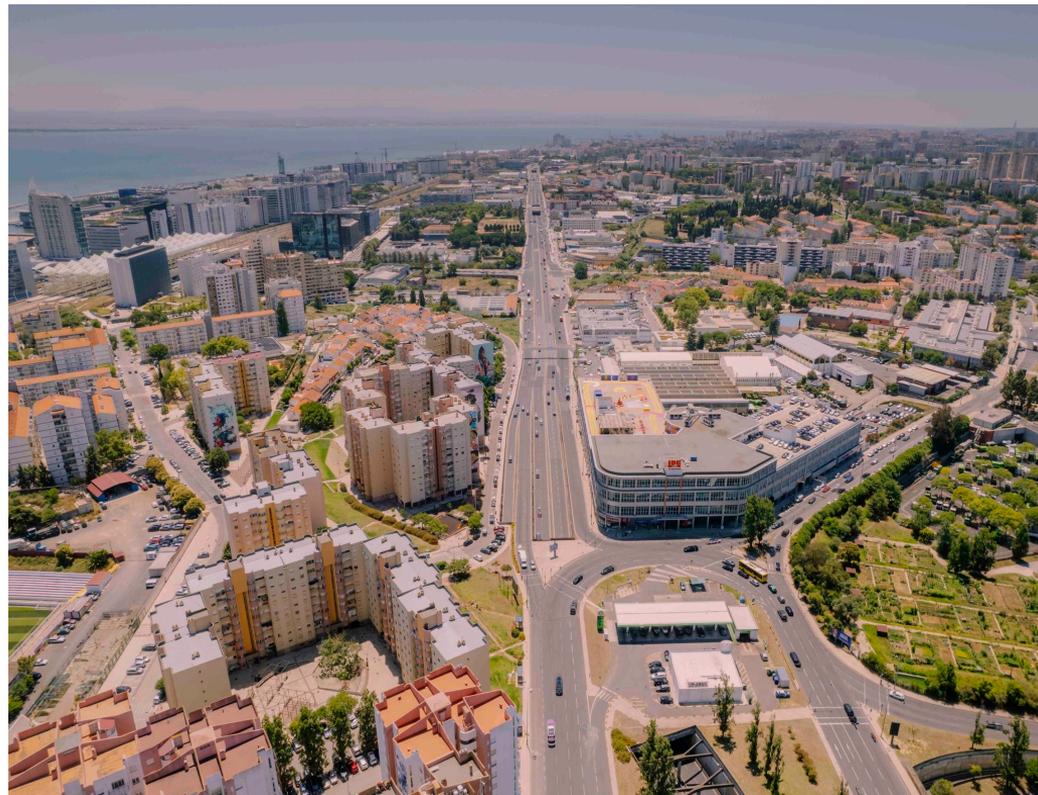
Monday, February 10, 2025

14:30 – 18:05 WET

Venue:

UpHill Health

UPHILL

In person & remote

Registration link:

https://www.tickettailor.com/events/hospitalsonfhir/1511850

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Hospital on FHIR Workshop – Agenda Topics

HL7 FHIR and AI: Exploring the integration of FHIR with AI Models to move from unstructured to structured data

Implementation of the EEHRxF Format: Descriptions and experiences on the first implementations

Hospital Cyber Security: Keynote on new trends and policies in hospital cyber security

Survivorship Passport (PanCareSurpass): The Survivorship Passport is a tool to provide all European childhood cancer survivors with optimal long-term care. Provides instant access to the medical history of patients who ended a cancer therapy, making survivors and healthcare professionals aware of the potential risks or late effects stemming from the previous disease and treatment received.

survivorship PASSPORT

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How you can join Hospitals On FHIR

- Go to **https://www.hospitalsonfhir.eu**
- Clic on «Join us» page, in top right menu
- Read the «Terms of Reference» document
- Compile this form, linked in the Join page

WELCOME
to our community

Put Your Organization On the HL7 FHIR Map

FHIR registration Form

dalmiani@ftgm.it Cambia account

📧 Non condiviso   ☁

* Indica una domanda obbligatoria

Organization/Hospital Name (and group/network) *

La tua risposta

Organization Address *

La tua risposta

Organization GPS Coordinates *

La tua risposta

Organization Description *
describe your hospital in less than 60 (sixty) characters

La tua risposta

Stage in FHIR Maturity Model (refers to https://www.hospitalsonfhir.eu/home) *

○ 0 - Interested:

○ 1 - Aspiring

Thank you !