



Health managers and leaders: harnessing the power of digital technologies



Episode 1 of the Webinar Series
Health Management in action:
Fostering health systems' resilience



This webinar is co-funded by the EU4Health Programme of the European Union. Views and opinions are of the speakers only.



George Valiotis
EHMA Executive Director



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About EHMA

OUR VISION is excellent health management for a healthy Europe.

OUR MISSION is to support the spread of knowledge on effective health management.

OUR VALUES are excellence, quality, inclusiveness, relevance, and respect.



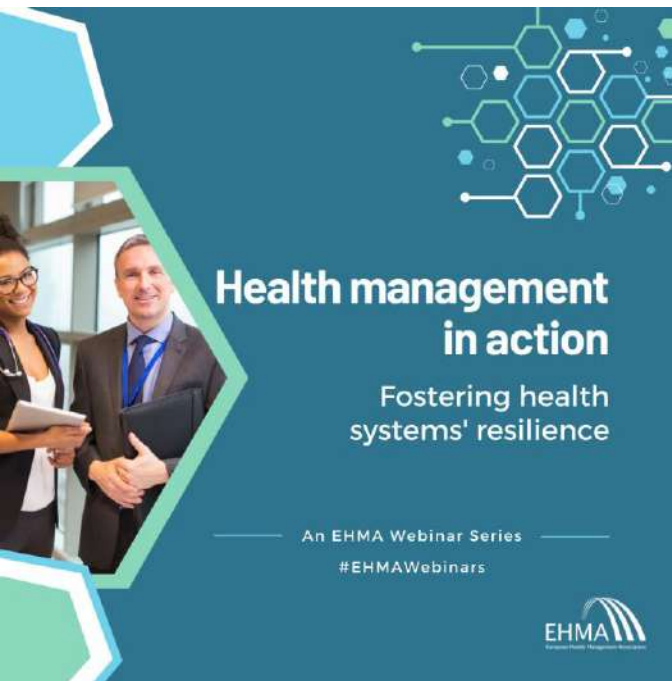


- We are the **only membership organisation in Europe** to bring together the full health management ecosystem.
- We are a recognised and respected **amplifier of best practices** in the evolution of health management.
- We provide an environment where **evidence, challenge and experience are valued**, and complex debates on current topics can take place.



About this webinar series

Our webinar series, 'Health Management in action: fostering health systems' resilience', discusses **health management topics** that are crucial **to improve health systems preparedness and response**.



Agenda



- **13.30 - 13.40 (10 minutes):** Welcome and introduction
 - **13.40 - 13.50 (10 minutes):** Health management and digital technologies
Presentation by Dr Alexandre Lourenço
 - **13.50 - 14.00 (10 minutes):** Case studies on digital technology application
Presentation by Mr Pedro Ramos
 - **14.00 - 14.15 (15 minutes):** Q & A
-
- **14.15 - 14.45 (30 minutes):** Informal networking session



Practical information

1. All participant **microphones should remain muted** to keep the audio clear
2. If you have any questions, you can **type them in the chat box**. We will answer them during the Q&A.
3. This webinar is being recorded. **The recording, materials and a summary report will be made available** on the EHMA website - www.ehma.org
4. **We are live-tweeting**. Join us by tagging us at [@EHMAinfo](https://twitter.com/EHMAinfo) and using the hashtag [#EHMAwebinars](https://twitter.com/hashtag/EHMAwebinars)



Our speakers



Dr Alexandre Lourenço

Health Administrator at Coimbra
Hospital and University Center, Portugal

Mr Pedro Ramos

Member of the Board of Directors of
Promptly Health, Portugal



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Alexandre Lourenço
www.alexandrelourenco.eu



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Health system panorama



LEGACY PROVIDERS



PHARMA/ MEDICAL DEVICES



NEW DIGITAL PROVIDERS



INDIVIDUAL HEALTH PROVIDERS



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Improve operational decision-making

Digital transformation



patient flow



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Improve operational decision-making

Digital transformation



patient flow



staffing



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Improve operational decision-making

Digital transformation

patient flow

staffing

scheduling



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Improve operational decision-making

Digital transformation

patient flow

staffing

scheduling

**supply chain
management**



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Participation for healthcare reframing



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Case studies on digital technology application

PEDRO RAMOS

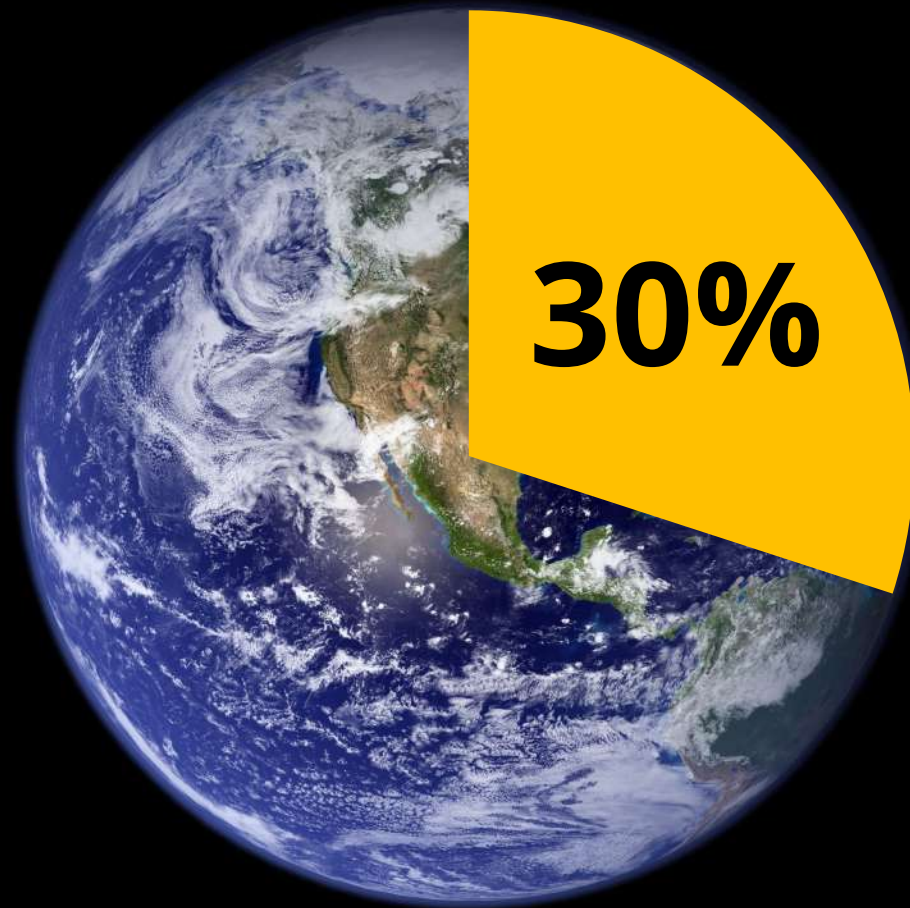
Promptly Health

Pedro.ramos@promptlyhealth.com



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**of the world's
data volume
is generated
by
healthcare**



PRACTICES

Is it 1970 or 2019? 9 in 10 in healthcare industry still using fax machines, survey finds

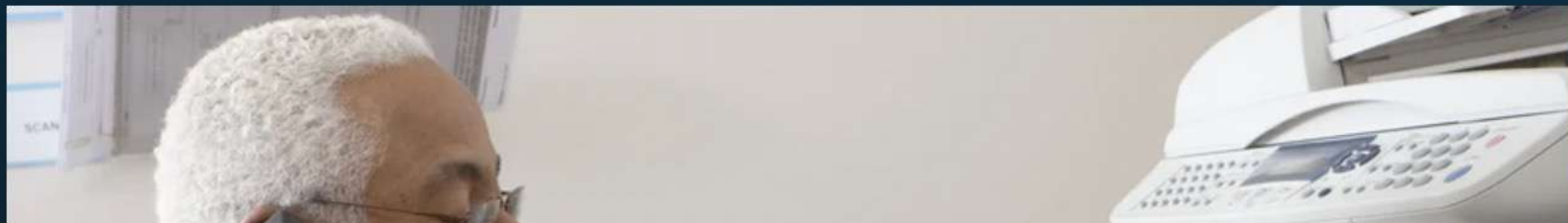
By Joanne Finnegan • Nov 13, 2019 11:06am

Interoperability

Patient Portal

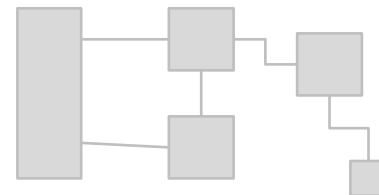
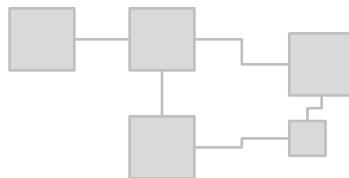
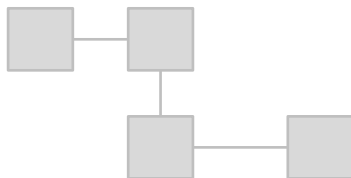
Physician Practice

Privacy and Security



HOW HEALTHCARE LOOKS LIKE TODAY

***Data stored:** Care costs, pharmaceuticals administered, Patient-reported outcome measurements, imagingology results, etc*



DATA ISOLATION

Hospital systems are locked in silos and do not collaborate to get value of the data

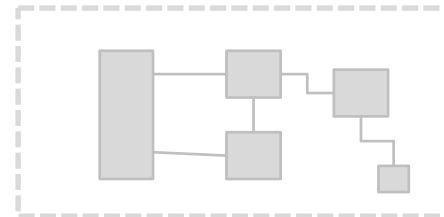
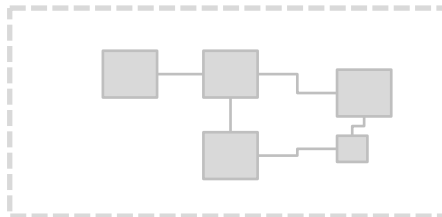
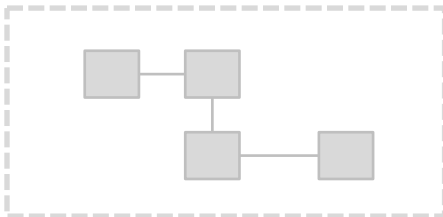
DATA HARMONIZATION

Most data is not harmonized, meaning even integrated data is not comparable

HOW HEALTHCARE SHOULD LOOK LIKE

World Today

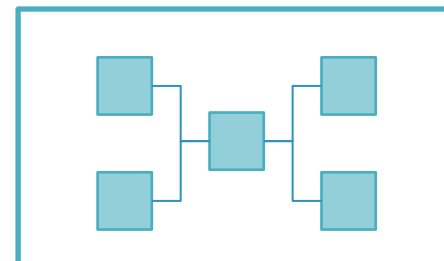
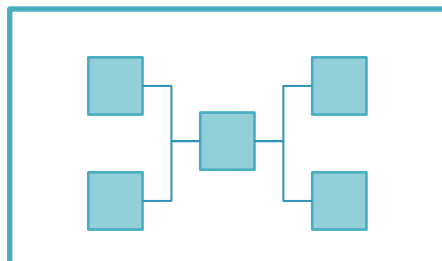
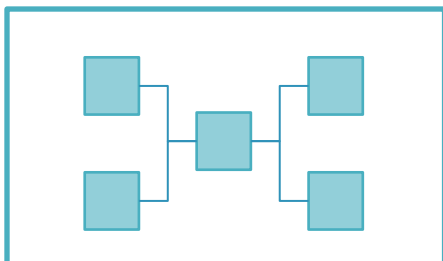
Data stored: Care costs, pharmaceuticals administered, Patient-reported outcome measurements, imagingology results, etc



TRANSFORMATION TO A COMMON DATA MODEL



World Tomorrow



TWO DATA INITIATIVES WITH CHUC

Data Isolation – Outcomes Network (CAT.PT)

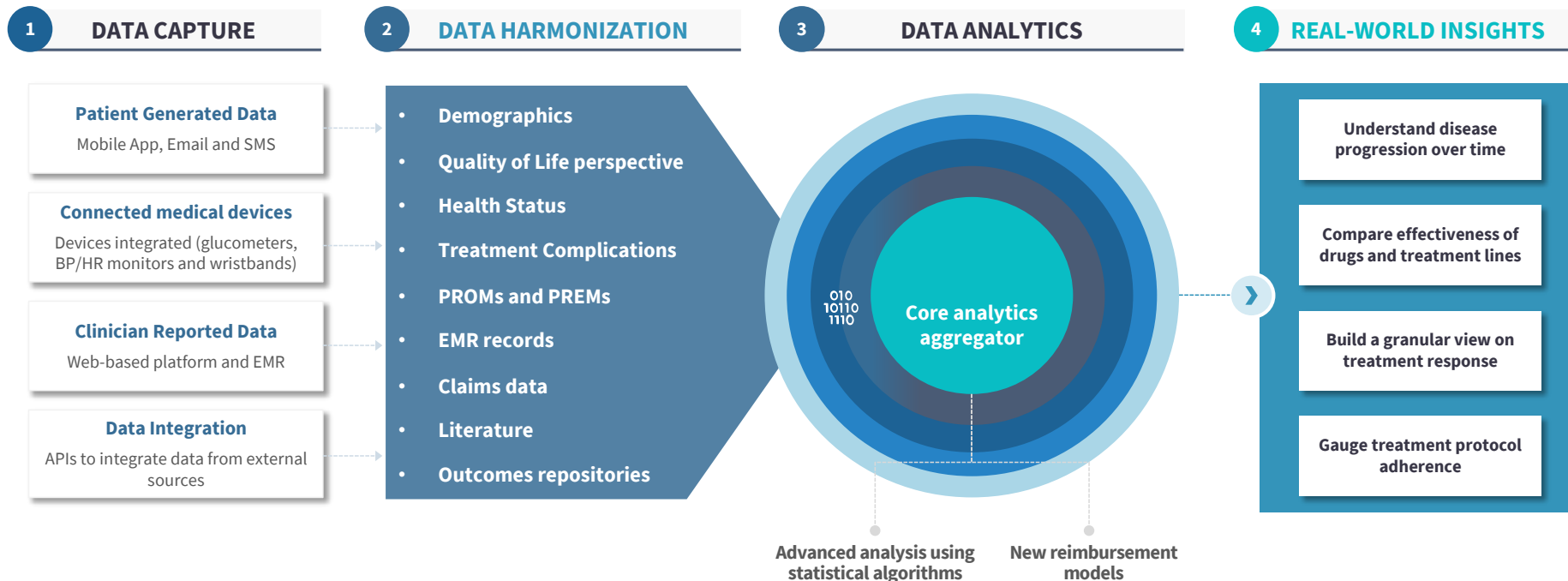
Collecting and analyzing outcomes of care in cataract surgery, across 13 different Portuguese Hospitals

Data Harmonization – EHDEN

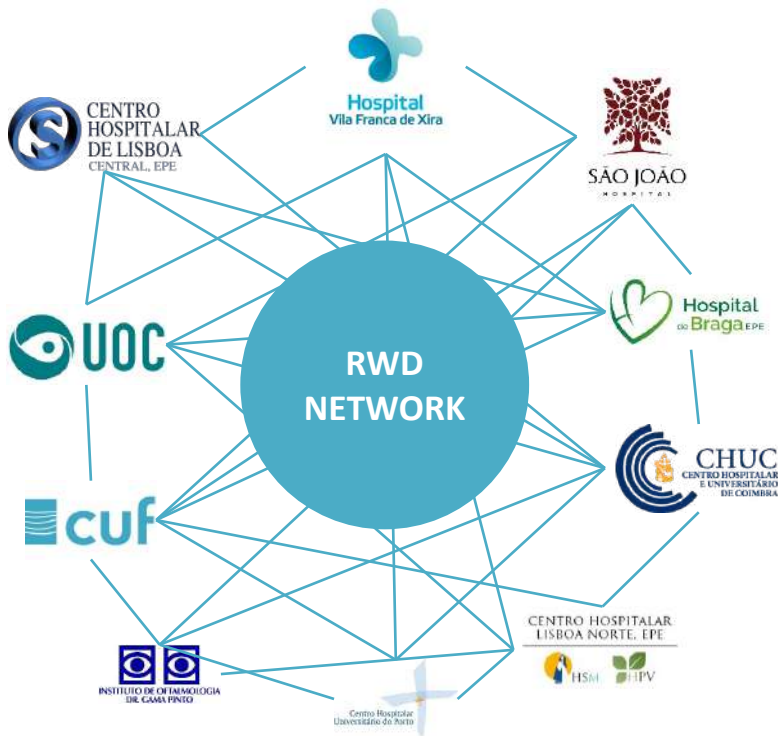
Creating a standardized data model for all healthcare organizations in the Network



STANDARDIZING THE DATA JOURNEY



CAT.PT – RWE NETWORK IN PORTUGAL



Insights into direct clinical care

Improving care for the 10% of patients that report lower visual function after surgery

Create more capabilities for large scale clinical research

Attracted 4 industry partners for RWE studies

Create a culture of education over data

Subset analysis of outcomes by residents

CAT.PT – RWE NETWORK IN PORTUGAL

Nation-wide RWD collection and analysis Observatory



Featured in

WORLD
ECONOMIC
FORUM

Healthcare IT
News

LINK TO LEADERS



Opera News



E-Health Reporter
LATIN AMERICA
PUBLISHED IN PARTNERSHIP WITH HIMSS

EUROPEAN HEALTH DATA & EVIDENCE NETWORK (EHDEN)

EHDEN is the largest EU Data harmonization programme, building a federated data network of allowing access to the data of 100 million EU citizens standardised to a common data model

KEY GOALS

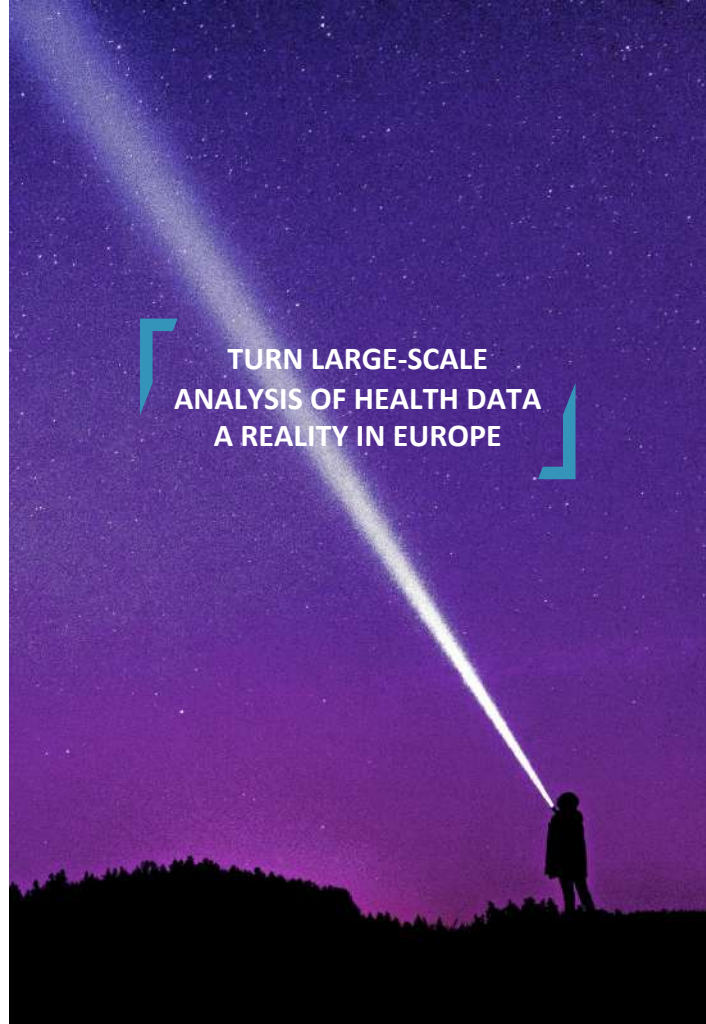
Harmonizing +500M
anonymous health
records to the OMOP
model

Enabling outcomes-
driven healthcare at
European-level

Establishing a self-
sustaining open
science collaboration
in Europe



TURN LARGE-SCALE
ANALYSIS OF HEALTH DATA
A REALITY IN EUROPE



EUROPEAN HEALTH DATA & EVIDENCE NETWORK (EHDEN)

Leading hospitals and institutions already involved



EFPIA Industry partners



By 2025 the use of Real-World Evidence will have been enabled and the value will have been established across the spectrum of regulatory use cases



Q & A

Type your questions in the chat box
or raise your hand to ask your question live.



90-second survey

Your feedback is important to us,
as it helps us shape and improve our webinars



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Are you an EHMA Member?

Become part of Europe's preeminent
community of practice on health management.

Discover more at www.ehma.org/join-us/



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Thank you!

Don't forget to follow us on social media



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