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EXPERIENCE
SESSIONS
15-17 JUNE 2021



Technology and end-users : Bridging the gap



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This is how all began...

Some historical photos to set the scene...



Karima Bourquard, Peter Kuenecke
First IHE Europe co Chairs



In front of Diamant Building, Brussels, Belgium



A IHE Pharmacy meeting hosted by COCIR,
Diamant Building, Brussels



Geert Claeys
First IHE Pharmacy Chair



The IHE Pharmacy –EAHP* Web Group
France, Italy, Netherlands and Greece

from left to right:

Jacqueline Surugue (EAHP President) & Simon
Letellier (F), Nino Cozzolino (I), Rob Moss (ND),
Leonidas Tzimis (Gr)

**European Association of Hospital Pharmacists*

International Pharmacy Federation (FIP)

An international federation of national organisations and individuals that represents Pharmacists and pharmaceutical Scientists from all over the world and from all Pharmacy domains: community, hospital, biology, industry, academia, military...

NGO

Founded in 1912

Based in The Hague (Netherlands)

In official relations with WHO



International Pharmacy Federation (FIP)



FIP represents over 4 millions Pharmacists and Pharmaceutical Scientists
The largest Federation for Pharmacy in the world

It has presence in 151 countries and territories.

FIP's mission:

"To support global health by enabling the advancement of pharmaceutical practice, sciences and education"

The FIP Development Goals to transform global pharmacy



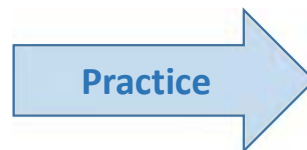
FIP Development Goal 20 on Digital Health

FIP Development Goal 20: Digital health



FIP Development Goal 20 [w]

Enablers of digital transformation within the pharmacy workforce and effective processes to facilitate the development of a digitally literate pharmaceutical workforce.



FIP Development Goal 20 [p]

Systems and structures in place to develop and deliver quality digital health and pharmaceutical care services through the digital literacy and utilisation of technology and digital enablers, configuration of responsive digital services to widen access and equity.



FIP Development Goal 20 [s]

Application of digital technology in healthcare delivery and development of innovative medical products.



[Events and webinars - FIP - International Pharmaceutical Federation Announcements of pharmacy and pharmaceutical science and pharmacy education events, meetings and workshops around the world.](#)

The Pharmaceutical Technology Forum was launched in May 2019:

43 officers: Pharmacists, pharmaceutical Scientists and pharmacy Educators within FIP membership with expertise or special interests in technology

Chair: Jacqueline Surugue

A place for:

- exchange of views
- projects with digital added value
- identification of new trends, new technologies, new logistic models
- facilitating integration and ownership of digital developments in healthcare daily practice
- providing guidance

eHealth, mHealth

FIP statement of policy on Digital Health

FIP statement of policy on Digital Health
Written by the FIP Technology Forum

A 9 pages document

Background

Recommendations:
5 targets

Present situation/The future ahead of us
Pharmacists as a resourceful force to help
The need of education for pharmacists
and their teams to upskill their knowledge.
A special emphasis on interoperability.

	Targets	Recommendations
1	Governments and policy makers	13
2	FIP Member Organisations	16
3	Pharmacy academic institutions	9
4	Pharmacists	12
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Recommendations:

A special emphasis on interoperability as recommendation N° 1 for all target groups

Governments and
policy makers

1. Promote the adoption of **common international interoperable digital standards** and **recognised international terminology taxonomies** to ensure swift and fluid exchanges and avoid costly interfaces between health information digital systems.

FIP Member
Organisations

1. Together with the other healthcare professionals' organisations, **advocate for interoperability via a universal unified digital standard in health** and for a **globally accepted terminology for health terms**.

Pharmacists

FIP

1. Advocate to **WHO, UN, WHPA, international healthcare professional associations, international digital health solution consortia** and other relevant international bodies and stakeholders on the adoption of **common interoperability digital standards** and **common terminologies** to enhance interoperable eHealth solutions within health information systems to facilitate health information exchange among countries on global level.

Recommendations:

A special emphasis on the need for digital competencies

Governments and
policy makers

Encourage and **financially** support **interprofessional education** on the use of digital technologies, both at **undergraduate and professional levels**, to **increase health professionals' digital literacy**, adjust upskilling or reskilling of health workforces to the healthcare demand....

FIP Member
Organisations

Encourage **specialisation in digital health** and advocate for its **integration** within national education strategies. Collaborate with the other healthcare professionals' academic institutions to establish a **common knowledge platform for digital competency...**
... help increase patients' literacy...

Pharmacy
academic
institutions

Pharmacists

FIP

Support FIP member organisations to **develop educational resources and standards** covering appropriate digital health literacy....

Recommendations:

Governments and
policy makers

FIP Member
Organisations

Pharmacy
academic
institutions

Pharmacists

FIP

Data protection
Data privacy
Confidentiality

Ethics
Access
Equity

Other key concepts

Multi professional collaboration:
Healthcare Professionals and the others Healthcare stakeholders
(inc IT specialists) all together...

Sharing...
Emphasis on developing countries

Promote, encourage, support, contribute, develop, enhance, ensure, facilitate....
the implementation and development of digital technology

FIP statement of policy on Digital Health

A 9 pages document

Written by the FIP Technology Forum



Still a draft
To be discussed and approved
at the FIP Council (virtual) meeting in September 2021

To be circulated worldwide
and disseminated by the media and social networks

A real political impact expected

Is there a digital solution for what I am doing now?

List of use cases and digital solutions that exist for each little bit of scenario
of healthcare practitioners' daily practice
Digital solutions making our tasks easier, faster, with increased safety

Access to all pharmacists
An added value for all pharmacists over the world.

Still in its infancy!



Survey led in 2020 by FIP Academic section, report issued January 2021

1,060 pharmacy schools, faculty members, students and practitioner groups from 91 countries surveyed

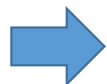
Findings:

A large proportion of pharmacy schools and faculties do not yet offer digital health education or training

There is a lack of experts and resources needed for digital health education



A global competency framework for digital health in pharmacy education



« Train the trainer »: master classes on technology for academics

FIP Pharmaceutical technology Forum webinars

27 September 2021 (TBC)

Virtual reality in a 360° immersive virtual world and in a 360° immersive real world

In the pipeline:

- Simulation
- 3 D printing
- Augmented reality
- Artificial intelligence
-

FIP's other constituencies webinars:



Users

Technology acceptance
Technology readiness
Open mindedness
Adaptability
Assertiveness



IT specialists

Put themselves at the range of users
Help bringing IT within the users' reach

