



European Coordination Committee of the Radiological, Electromedical and Healthcare IT Industry

## **COCIR 60th Anniversary**

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# **Digital Health and Artificial Intelligence**

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# Advancements in Digital Health to improve Health Outcomes

**Key Advancements has already happened and will happen in multiple Dimensions:**

Patient	Technology	Payer	Policy
<p>Characteristics of the “Patient in the Future”*</p> <ul style="list-style-type: none"> <li>• transparent</li> <li>• customized</li> <li>• personalized</li> <li>• to happen@ home</li> <li>• human contact</li> </ul>	<p>Artificial Intelligence</p> <ul style="list-style-type: none"> <li>• Radiology – main driver</li> <li>• speed up work-flows: exam/day</li> <li>• raise precision</li> <li>• not replacing clinicians</li> <li>• Mobile Engagement</li> </ul>	<ul style="list-style-type: none"> <li>• Taking a more active role e.g. managing Patients with chronic conditions</li> <li>• Paying for high/penalty for low performance of care</li> </ul>	<ul style="list-style-type: none"> <li>• Supporting not only R&amp;I (Horizon 2020) but Scaling Up (Digital Europe)</li> <li>• Addressing new technologies (e.g. Blockchain)</li> <li>• Driving data consolidation, AI and Patient Outcome (Health Data Space)</li> </ul>



# 5 Challenges bringing Digital Health **60** Years Anniversary into daily practice

- **Unleashing existing Data Treasures on a Healthcare Provider, Regional & National Level**
  - From routine EMR data to anonymous Research Data Lakes driving AI
- **Not adding complexity by platforms but integrating into and automating existing workflows**
  - From “We have an App” to “..more automated tasks driven by platforms”
- **Healthcare delivery demanded by Patients has to happen via Smart-Phones**
  - Patient Engagement Strategy will be key
- **Bridging GDPR (Patient Health Data) and Mobile Apps World (User Data)**
  - Bridging regulated GDPR & Patient Health Data and Mobile Apps World and User Data
- **Comply with Cyber Security Readiness Technologies and Standards**
  - Many reasons exist why Healthcare Provider lacking Cyber Security Technology and Standards

# Where it needs continuous focus to execute Digital Transformation in Health and Care

- **AI will play a major role to improve Healthcare Outcomes**
  - Need for Educational Programs to foster new jobs (Data Scientists/Data Engineers) in Europe
- **Access to Healthcare Data is key to drive AI and related Patient Outcomes**
  - Further need for “Health Data Spaces” with clear Governance for all Stakeholders incl. Industry
- **Drive Interoperability and Cybersecurity Technology and Standards where Member States are lacking**
  - Link potential funding for Scaling-Up with Compliance to Interoperability and Cybersecurity Technologies and Standards



спасибо  
danke 謝謝  
ngiyabonga  
teşekkür ederim  
dank je  
gracias  
tapadh leat  
bedankt  
hvala  
mauruuru  
dziękuję  
thank you  
mochchakkeram  
sagolun  
sukriya  
kop khun krap  
go raibh maith agat  
arigatō  
takk  
dakujem  
merci  
obrigado  
terima kasih  
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