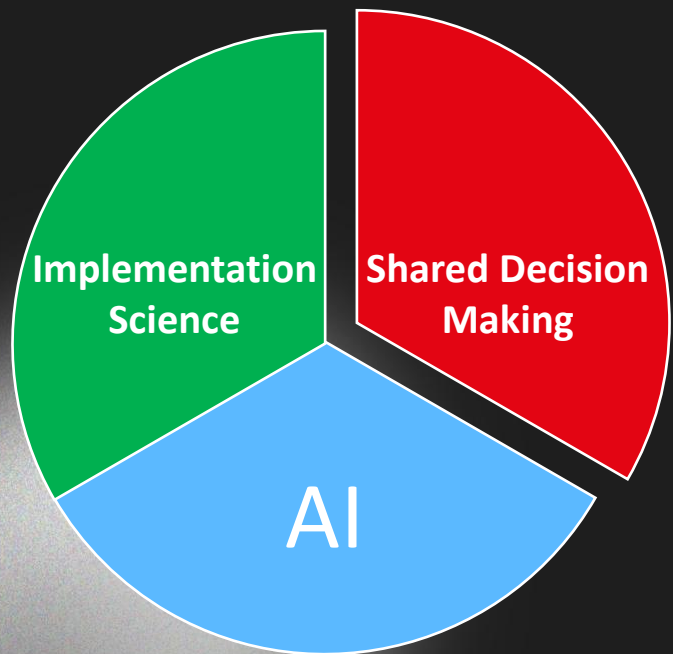# Empowering clinicians through AI to foster patient engagement and person-centred care



**Co-leaders of the AI-SDM consortium**

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- Adrian Edwards, Cardiff University, UK

**AI-SDM consortium**

- A global team of 40+ researchers and patient experts, 10 countries
- https://www.isdmsociety.org/special-interest-groups-icai/

**Patient partners and experts**

- Karina Prévost, Co-leader of the patient-partner community *Expériences* (Quebec, Canada)
- Marie-Clare Hunter, Cardiff, UK

Invitation to co-lead an application to the HORIZON-HLTH-2025-01-CARE-01 ; We are looking for partners across EU with expertise in AI, clinical training, or health systems evaluation.

# Shared decision making (SDM)

- A collaborative process between the patient and clinicians

- To allow health care decisions based on scientific evidence & patient priorities

# Clinician training in SDM

- A key driver to SDM implementation

- Resource-intensive: requires observer-based assessment of SDM behaviors during consultations, and feedback to clinicians on their performance

# Opportunity

- Availability of validated observer instruments for assessment of SDM processes

- Availability of annotated datasets (transcripts of consultations) for training an AI system

- Two pilot studies : AI systems can be trained for this task

# Proposed work package:

- Co-design AI-powered tools with key stakeholders to support SDM, optimize usability, and ensure adoption in clinical workflows
  - Identifying the barriers and facilitators to the use of each of these tools to optimize them and support their implementation
  - Implement and evaluate the tools developed, assess cost-effectiveness

- This approach could be used across *settings, specialties, and countries, e.g.:*
  - Multimorbidity and aging
  - Oncology
  - Surgery

- Anik Giguère

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**Scan to contact me**