



WORKSHOP

Rethinking Patient-Centered Measurement in the Age of Artificial Intelligence

Tuesday, June 23, 2026

Faculté des sciences médicales et paramédicales
Salle CERIMED
27 Bd Jean Moulin
13005 Marseille

A one-day international seminar bringing together leading researchers to explore how artificial intelligence is transforming patient-reported outcomes (PROs), from measurement innovation to predictive modelling and data infrastructure

Program

10:00 – 10:15

Welcome & Opening Remarks

- Pascal AUQUIER & Laurent BOYER (*CEReSS, Research Centre on Health Services and Quality of Life, Aix Marseille University, Marseille*)

Session 1 — Measuring Better: Smarter PROs through AI

Moderator: Anne BREDART (*Unité de Psycho-Oncologie, Institut Curie, Paris*)

10:15 – 11:00

Mapping Free Text to PRO Scores: Toward Conversational Agents

- Laurent BOYER (*CEReSS, Research Centre on Health Services and Quality of Life, Aix Marseille University, Marseille*)

11:00 – 11:45

From Scores to Stories: Using LLMs to Capture Complex Patient Experience

- Bruno FALISSARD (*Université Paris-Saclay*)

11:45 – 12:15

Beyond Questionnaires and Scores: Rethinking PRO Measurement in the AI Era

- Pascal AUQUIER, Laurent BOYER & Bruno FALISSARD

12:15 – 14:00 : Lunch Break



Session 2 — AI-based prediction models with PRO as input and output
Moderator: Sandrine DABAKUYO (*CTRDS, Centre Georges François Leclerc, Dijon*)

14:00 – 15:30

Predicting (with) HRQoL: A Critical Look at AI Models in Oncology

- Niclas HUBEL (*University Hospital of Psychiatry II, Medical University of Innsbruck, Innsbruck*)

Session 3 – Building Together : From Fragmented PROs to AI-Ready Data Ecosystems
Moderator: Pascal AUQUIER (*CEReSS, Research Centre on Health Services and Quality of Life, Aix Marseille University, Marseille*)

15:30 – 16:15

Pooling PRO Data Across Europe: From Fragmentation to Interoperability and AI integration

- Mieke VAN HEMELRIJCK (*King's College London and Guy's and St Thomas' NHS Foundation Trust*)

16:15 – 17:00

Strategic Outlook & Closing Discussion

What roadmap for international collaboration on AI-powered PROs?

What infrastructure and standards are needed?

How can we align scientific, clinical, and policy priorities?

- Pascal AUQUIER, Laurent BOYER, Niclas HUBEL, Mieke VAN HEMELRIJCK, Anne BREDART & Sandrine DABAKUYO

This seminar will lay the groundwork for a collaborative roadmap to shape the future of AI-powered, patient-centered measurement in health.