

Màj 01/06/2020

UE 2.1. Current concepts in Precision Health

15 ECTS

Parcours « *Precision Health* »

ST9: Public policy and health economics

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This seminar aims to study the economic challenges associated with precision health. We will adopt a broad approach of precision health beyond screening and allocation of care considering also care pathways and the after-treatment life. The issues will include decision criteria regarding prevention, allocative rules for care and their adjustment, patient monitoring. They will also target the evaluation of health programs and the implications for healthcare system funding. The issue of distributional equity will also be discussed.

Duration: 1 day

Program

Provisional schedule: Friday November 20

Morning

- 9h00 : welcome General overview : A/ ; Focused talks by economists : B/ C/ D/
- 9h30-10h15 A/ **Conceptual thinking** : For economists, health and healthcare/medicine are two different notions. *Precision medicine is focused on diagnosis and healthcare. It differs from precision health => specify the content of precision health (Moderator : Christine le Clainche (Lem Umr Cnrs 9221, U Lille) with Jérôme Wittwer (Isped, U Bordeaux, Head of French Association of Health Economists) ; D. Crainich (LEM Cnrs) ; Veronique Raymond (Brigham and Womens' Hospital and Harvard Medical School, USA), Denis Reynaud (Head of Irdes, to be confirmed), Benoît Dervaux (EA 2694, U Lille, CHU Lille))*
- 10h15-11h00 **Medicine and health precision: new challenges (to be confirmed Denis Raynaud (IRDES, Paris))**
- Medicine, Health precision and the standardized care pathways.
- Care exit and health precision
- New challenges for health financing
- Break**
- 11h30-12h15 **Decision models in a context of precision or personalized medicine (David Crainich (Lem, Umr Cnrs 9221))**
- Evidence Based Medicine models
- Alternative or supplementary economic decision or evaluation criteria
- Prevention and genetic predisposition
- 12h15-13h00 **The role of Health Professionals (Veronique Raymond, Brigham and Womens' Hospital and Harvard Medical School, Boston, USA)**
- The Role of Health professionals in the context of health precision
- When clinicians deviate from EBM criteria
- Ethics

Discussion 13h00-13h15

Lunch : 13h15-14h15

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Afternoon

- 14h15-15H00 : Economic evaluation of precision or personalized medicine (Benoit Dervaux EA 2694, U Lille, CHU Lille)**
- Economic evaluation framework
- Methodological challenges: multiple health and non-health outcomes, structural complexity, timeframe, and type of analysis and comparators used
- Focus on value of information analyses
- 15h00 -15h45 Fairness, healthcare and health inequality (Jérôme Wittwer Isped U. Bordeaux, Head of the French Health Economists)**
- Attitudes and preferences towards information from genomics and big data
- Healthcare access and health inequality
- Normative criteria and socio-economic consequences
- Discussion 15h45-16h00**

16h00-16h30 Summary of the day by groups of students

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