

Course on Understanding clinical trials

Porto (Portugal), 17-19 June 2013

Coordination

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Teaching Staff

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Aveiro), **PAULO CARINHA** (Serviços Farmacêuticos-CHSJ)

Objectives

Clinical trials play a leading role in the evaluation of the effect of interventions, pharmacological and others.

In this course, methodological and strategic issues in the design and conduct of clinical trials will be discussed. Hierarchies of evidence to support clinical and public health practice will be explored.

We aim to prepare critical readers of the medical literature, and to contribute to train professionals able to design investigator-driven clinical trials, and to support clinicians and deciders at different levels of the healthcare systems.

Rules for conducting clinical trials in Portugal will be addressed.

Information

Fee: Students (former and current) and UP staff; Centro Hospitalar São João, EPE (CHSJ) staff - €180; persons external to UP and CHSJ - €240

Language: Portuguese

Place: Instituto de Saúde Pública da Universidade do Porto - Rua das Taipas, nº 135, Porto (Portugal)

Contact:

Gabinete de Pós-graduação

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Online application: The registration process is done at <http://www.epidemiologia.med.up.pt>

Registration deadline: 7th June 2013

DETAILED PROGRAMME

MONDAY, 17TH JUNE

09.00-10.00

- Opening. Course objectives.
 - Evidence-based medicine.
- Ana Azevedo

Pause

10.30-12.30

- Clinical development of medicines.
- Luís de Almeida

Lunch

14.00-16.30

- Systematic errors in assessing the effect of drugs.
 - Observational and experimental research.
- Ana Azevedo

TUESDAY, 18TH JUNE

09.00-10.30

- Design of clinical trials.
 - Target population: inclusion and exclusion criteria. Sample size.
 - Outcomes.
- Ana Azevedo

Pause

11.00-12.30

- Measuring effects. NNT.
 - Intention-to-treat. Efficacy and effectiveness. Explanatory and pragmatic trials.
- Ana Azevedo

Lunch

14.00-15.45

- Ethical considerations in conducting clinical trials. The Portuguese Ethics Committee for clinical research.
- António Lourenço

16.00-16.30

- Exercise – discussion of published paper (clinical trial).
- Ana Azevedo

WEDNESDAY, 19TH JUNE

09.00 -10.30

- Participating in clinical trials – perspective of a clinician.
- Helena Pessegueiro

Pause

11.00-12.30

- Documents and monitoring.
- Ana Marta Oliveira

Lunch

14.00-15.15

- The experimental drug in the hospital pharmaceutical department.
- Paulo Carinha

15.30-16.30

- Final considerations. Closure.
- Ana Azevedo