elevate your health knowledge

Clinical Trials and Drug Risk Assessment offered by the MSc Epidemiology Program of the UMC Utrecht and Utrecht University

The course program provides a thorough medical education into the field of clinical trials, covering the principles of therapeutic research design, including design of study, design of data collection, design of data analysis, including some modelling techniques in the analysis to clinical trials, and the interpretation of its results. The program also covers the principles of drug risk assessment in the context of therapeutic research.

With regard to clinical trials, the emphasis will be on methodological principles and on the clinical practice of therapeutic experiments. This online medical course addresses the principles of studying the effects of drug treatments on the risks of unintended effects. This is one of the online medical courses that is part of the MSc Epidemiology Postgraduate Online Program.

Learning objectives

- √ Explain the design principles of a randomized controlled trial (RCT)
- √ Describe specialized design options for a RCT
- √ Apply the basic principles of data analyses of a RCT
- √ Describe the principles of advanced data analysis of a RCT
- √ Explain the principles of drug risk assessment and how to evaluate potential side effects of medication
- √ Design a valid randomized controlled trial for any intervention
- √ Interpret scientific papers on randomized controlled trials

Visit our course page to find out more about this course.

For whom?

- √ Researchers
- √ Medical Doctors
- √ Research associates and coordinators
- √ Clinical trials professionals

Facts

- √ 1,5 ECTS
- √ 5 Jun 2017 to 26 Jun 2017
- √ Online
- √ 14 hrs/week workload
- √ 785 Euros
- √ English
- √ Web lectures, individual assignments, group assignments

You may be also interested in

- √ Clinical Trials Administration Certificate
- √ Pharmacoepidemiology and Drug Safety

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