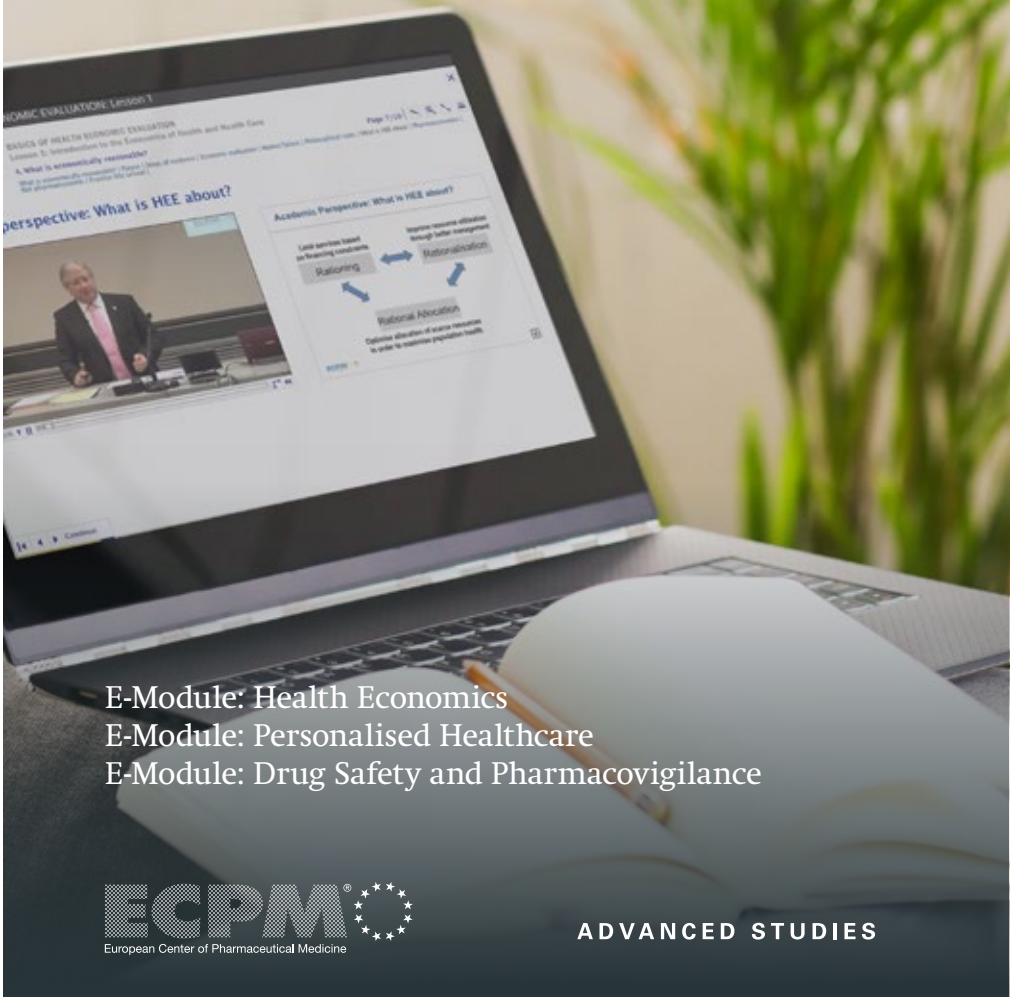
University of Basel

Faculty of Medicine

E-Learnings



E-Module: Health Economics
E-Module: Personalised Healthcare
E-Module: Drug Safety and Pharmacovigilance

ECPM®
European Center of Pharmaceutical Medicine

ADVANCED STUDIES

Introduction

Our three e-learning modules offer the possibility to learn independent of time and place. As soon as you have booked the course, the programme is accessible for you during one year at anytime online and you can define your own learning pace. The course does not have to be taken in one sitting; users can start/stop at any time and begin where they left off. There will be several intermediate test which will prepare you for the final test.

Registration, Fee, and Credits

www.ecpm.ch
CHF 650
CHF 550 for university employees nonprofit organisations
After completion, you will receive a certificate of the University of Basel with 1 ECTS (which equals about 30 hours).

E-Module: Basics in Health Economics

Outline

This e-learning course provides an understanding of the key principles and methodological concepts of health economic evaluations.

Learning Outcomes

- Fundamental concepts of health economics
- Key elements of health economic evaluation
- Assessment and analysis of a published health economic study
- The importance of health economic/pharmacoeconomic methods and concepts for the drug development process, clinical trials, and post-marketing surveillance
- How policy makers set priorities in health care and how health economic evaluations support this process

E-Module: Personalised Healthcare

Outline

This e-learning course provides an understanding of the key principles and methodological concepts of personalised drug development. The role of individualised treatment strategies is addressed including all relevant clinical, ethical and governmental aspects.

Learning Outcomes

- Biological and clinical concepts of personalised medicine
- Be able to understand the benefits and pitfalls of individualised therapies for patients
- Comprehend the basic elements of predictive and prognostic interventions
- Understand the role of surrogate endpoints and clinically validated biomarkers in personalised medicine
- Understand pharmacogenetic and pharmacogenomic implications
- Understand the economic challenges of personalised medicine and how policy makers set priorities in individualised health care
- Be able to determine legal, regulatory and ethical aspects which come across with personalised medicine

E-Module: Drug Safety and Pharmacovigilance

Outline

This e-learning course provides an understanding of the safety-related aspects within the drug development process. This ranges from early preclinical testing, risk/benefit assessment up to clinical adverse event signal detection and monitoring.

Learning Outcomes

- The role of drug safety in the successful development and usage of a medicine to the benefit of patients
- What safety-related questions need to be answered in early and late drug development
- Tools, techniques and methodologies used in drug safety evaluation
- What frequent pitfalls related to drug safety considerations occur and why they can lead to discontinuation of drugs in development, label changes or even withdrawal of drugs from the market after launch
- How changes in safety assessment could become part of a new drug development paradigm.

Educating
Talents
since 1460.

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