

6th EULAR Health Economics in Rheumatology Course

Amsterdam, Netherlands

Thursday, 23 March 2023 – Friday, 24 March 2023



ORGANISATION & COMMITTEE

Scientific Organisers

- Bruno Fautrel, Sorbonne Universités (France)
- Francis Guillemin, Université de Lorraine (France)

Faculty

- Annelies Boonen, Maastricht University (Netherlands)
- Bruno Fautrel, Sorbonne Universités (France)
- Francis Guillemin, Université de Lorraine (France)
- Maarten de Wit, Amsterdam University Medical Centre (Netherlands)
- Manuela Joore, Maastricht University (Netherlands)
- Sabine Grimm, Maastricht University (Netherlands)

Organising Secretariat

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EULAR Committee

EULAR Education Committee, Live Courses & Meetings Sub-Committee

COURSE DESCRIPTION

Health economics covers an important and increasing part of the assessment of burden of disease. It has become an essential discipline to estimate the benefits and costs of health care interventions, as well as to explore how therapeutic innovations can be made available to physicians and patients in our quite constraint economic environment.

The EULAR Course on Health Economics in Rheumatology aims to present the key principles of health economics applied to rheumatic or musculoskeletal disorders:

- Basic principles in health economics and health technology assessment,
- Cost-effectiveness and cost-utility analysis using model- or trial-based data for a better understanding of drug pricing.
- Access to therapeutic innovation: economic considerations for health decision makers

This educational activity is targeted to young rheumatologists/trainees/scientists with a confirmed interest in health economics.

The two-day course will be based on interactive learning and practical training.

Learning objectives

- To understand the principles of the economic evaluation of health care innovation, with application to rheumatic and musculoskeletal diseases
- To achieve this goal, participants will reach the following specific objectives:
- To identify the costs and resources involved in a medical intervention
- To understand how health benefits and harms are valued for use in economic evaluation
- To assess the cost-effectiveness and cost-utility of a medical intervention using model- or trial-based data
- To learn the role of different stakeholders in conducting health service research at different phases of economic evaluation until making reimbursement decisions.

GENERAL INFORMATION

Course venue & hotel

NH Amsterdam Schiphol
Kruisweg 495, Hoofddorp
2132 NA Amsterdam

Course dates

Thursday, 23 March 2023 (Start at 10:30) – Friday, 24 March 2023 (End at 12:00)

Official language

English

Maximum participants

40

Course fee

350 € (VAT included), package includes:

Thursday, 23 March 2023

- Full access to the Course
- Coffee breaks
- Lunch
- Dinner
- 1-night accommodation

Friday, 24 March 2023

- Full access to the Course
- Coffee break

The course fee quoted is a package price; therefore, the usage of the accommodation is highly recommended. For participants who would prefer not to utilise the accommodation, a discount of 50 € will be given.

Certification

After the course, all participants who have successfully completed the course will receive a certificate of attendance on their EULAR School user account. 100% course attendance is required.

REGISTRATION

Application requirements / Target audience

This is an educational activity targeting young scientists working in the field of rheumatology or musculoskeletal diseases.

This course has no specific prerequisites or application requirements.

Nonetheless, the course is aimed at scientists with no or little experience to the field of health economics and for scientist who plan are involved in a health economic project in the field of rheumatology.

Registration process

Online: <https://esor.eular.org/course/view.php?id=293>

Please login to your EULAR School of Rheumatology account to register. If you do not have a School account, you will need to create one before applying.

Registration deadline: 12 February 2023

Early registration is advisable. Number of participants is limited.

Bursary

EULAR grants **5 bursaries** in the amount of **EUR 350 each**. Please apply with your motivation letter, CV, and publication list (if any) within the registration system.

Bursary application deadline: 31 January 2023

Notification: Mid-February 2023

Detailed Programme

Day 1 - Thursday, 23 March 2023

Time	Type of session & Title	Speakers
09:30 – 10:30	REGISTRATION & WELCOME COFFEE	
10:30 – 10:45	Welcome / Introduction	F. Guillemin
10:45 – 11:45	Health economics / Health technology assessment <ul style="list-style-type: none"> Health Technology Assessment: history and value for policy making Health Economic Evaluation: partial (COI/BIA) and full (CMA, CEA, CUA, CBA) Outcomes in health economic evaluation: natural units, health related quality of life, well being Perspectives of health economic evaluation 	M. Joore
11:45 – 12:15	Costs and Costing <ul style="list-style-type: none"> Cost typology: direct, indirect and intangible costs Concepts behind productivity loss (absenteeism vs. presenteeism) Concepts behind productivity costs (friction vs. human capital) Data sources: unit costs, administrative databases (include an index card describing the cost structure)	B. Fautrel
12:15 – 13:15	LUNCH	
13:15 – 14:15	Utility and QALY (interactive) <ul style="list-style-type: none"> Theoretical background on Quality adjusted life years (QALY) and the role of 'health preferences or health utilities' Methods to elicit 'health preferences' <ul style="list-style-type: none"> Direct (SG vs. TTO) or indirect elicitation Introduction of EQ-5D and SF-6D Innovative preference valuation methods Exercise to calculate utilities and QALYs Exercise to understand interpretation of QALYs 	A. Boonen B. Fautrel
14:15 – 15:45	Full health economic evaluation <ul style="list-style-type: none"> Framing, Time horizon Trial-based vs. model-based 	F. Guillemin
15:45 – 16:00	COFFEE BREAK	
16:00 – 16:45	Decision making under uncertainty <ul style="list-style-type: none"> Types of uncertainty Methods for uncertainty analysis: sensitivity and scenario analysis, value of information Communicating uncertainty: tornado diagram, acceptability curve	M. Joore

<p>16:45 – 17:45</p>	<p>Workshop session 1: Cost effectiveness analysis</p> <ul style="list-style-type: none"> • Cost description • Outcome measures • ICER / DCER • Ratio calculation <p>Different papers with either ICER or ICUR in different diseases (can be therapeutic innovation or diagnostic tests)</p>	<p>A. Boonen B. Fautrel F. Guillemin M. Joore S. Grimm</p>
<p>17:45 – 18:25</p>	<p>Plenary session restitution</p>	<p>A. Boonen B. Fautrel F. Guillemin M. Joore S. Grimm</p>
<p>18:25 – 19:10</p>	<p>Uncertainty analysis in practice (interactive) and budget impact</p> <ul style="list-style-type: none"> • Interpretation of uncertainty in economic evaluations presentation <p>Decision making in a competitive context (I.e., budget impact depending on target population and disease prevalence, etc...)</p>	<p>A. Boonen</p>
<p>19:15 -</p>	<p>DINNER</p>	

Day 2 - Friday, 24 March 2023

Time	Type of session & Title	Speakers
08:00 – 08:45	Webinar: Incorporating the patient's voice	M. de Wit
08:45 – 09:15	Plenary discussion	A. Boonen B. Fautrel F. Guillemin M. Joore S. Grimm
09:15 – 09:30	COFFEE BREAK & GROUP PHOTO	
09:30 – 11:00	Workshop session 2: Design your own economic evaluation <ul style="list-style-type: none"> A research question is provided to each group Each group will prepare a draft outline of a health technology assessment protocol 	A. Boonen B. Fautrel F. Guillemin M. Joore S. Grimm
11:00 – 11:40	Plenary session restitution	A. Boonen B. Fautrel F. Guillemin M. Joore S. Grimm
11:40 – 11:50	Synthesis about decision making	M. Joore
11:50 – 12:00	Wrap-up and Conclusions	B. Fautrel All

Any changes to the scientific programme or to the list of speakers are possible until the date of course. Further updates will be published on the [EULAR School of Rheumatology](#) homepage [link to registration page](#) *tba*