

# Course Specifications

From the academic year 2017-2018 up to and including the

## Evidence Based Medicine for Plastic, Reconstructive and Aesthetic Surgery, Part 2 (D012444)

Course size (nominal values; actual values may depend on programme)  
Credits 3.0 Study time 75 h Contact hrs 40.0 h

### Course offerings and teaching methods in academic year 2018-2019

A (year)	Dutch	teaching method	hours
		seminar	5.0 h
		self-reliant study activities	17.5 h
		guided self-study	17.5 h

### Lecturers in academic year 2018-2019

Blondeel, Phillip	GE38	lecturer-in-charge
Ceelen, Wim	GE10	co-lecturer
Monstrey, Stan	GE38	co-lecturer
Van Landuyt, Koenraad	GE10	co-lecturer

### Offered in the following programmes in 2018-2019

programme	crdts	offering
<a href="#">Master of Medicine in Specialist Medicine (main subject Plastic, Reconstructive and Aesthetic Surgery)</a>	3	A
<a href="#">Master of Medicine in Specialist Medicine (main subject Plastic, Reconstructive and Aesthetic Surgery)</a>	3	A

### Teaching languages

Dutch

### Keywords

Plastic, reconstructive and aesthetic surgery, Evidence Based Medicine, guidelines, scientific literature

### Position of the course

The more "management" aspects of EBM are covered: guidelines, care pathways with attention to social relevance and repercussions on medical policy options etc. This requires basic knowledge concerning EBM, but also a certain technical experience and competences.

### Contents

The offer of theoretical modules (2 hour seminar) of which the trainee has to follow at least 2 modules:

- evaluation of surgical techniques and devices: IDEAL (idea, development, exploration, assessment, long-term follow-up) methodology
- alternative trial designs for evaluation of surgical techniques measurement of health related QoL (quality of life) of surgical trials
- evaluation of quality and quality improvement program
- guidelines for interpretation of guidelines
- evidence from non-randomised studies
- evidence for rare disorders: what can help?
- establish and report on site (clinical) research: tips, pitfalls and tricks
- AGREE (appraisal of guidelines for research and evaluation) as a tool for evaluation of the quality of guidelines
- translation of evidence based medicine to the patient: shared decision making

### Initial competences

You can download the list of prerequisites on <https://oasis.ugent.be/oasis-web/curriculum/voorkennisvancursus?cursuscode=D012444&taal=en>. Having successfully completed the course "Evidence Based Medicine for plastic,

reconstructive and aesthetic surgery, part 1"

or

having successfully completed the course "Practice in Evidence Based Medicine, part 1", major subject plastic, reconstructive and aesthetic surgery

or

having successfully completed the course "Advances in Evidence Based Medicine, including practices", major subject plastic, reconstructive and aesthetic surgery

#### Final competences

- 1 Critically interpreting published guidelines.
- 2 Converting published guidelines to local applicable directives for the benefit of the performance and efficiency of a department.

#### Conditions for credit contract

Access to this course unit via a credit contract is determined after successful competences assessment

#### Conditions for exam contract

This course unit cannot be taken via an exam contract

#### Teaching methods

Guided self-study, seminar, self-reliant study activities

#### Learning materials and price

Website Cochrane ([www.cochrane.org](http://www.cochrane.org)) and CEBM (<http://www.cebm.net/>)

Hand-outs / powerpoint presentation

Plastic Surgery - Second edition - Editor Stephen J. Mathes - 8 volumes - Saunders/Elsevier 2006.

Several textbooks/manuals and reference books in the Plastic Surgery Department library.

#### References

Journals plastic, reconstructive and aesthetic surgery

#### Course content-related study coaching

Consultation of lecturer (appointment or via email)

#### Evaluation methods

continuous assessment

#### Examination methods in case of periodic evaluation during the first examination period

#### Examination methods in case of periodic evaluation during the second examination period

#### Examination methods in case of permanent evaluation

Portfolio, peer assessment

#### Possibilities of retake in case of permanent evaluation

examination during the second examination period is possible

#### Extra information on the examination methods

The trainee needs to apply the theoretical knowledge in an exercise. The trainee can choose one of following possible applications:

- Practical exercise AGREE

A published guideline about one particular topic is methodological analyzed and the quality and relevance are evaluated. By means of the AGREE tool, the various guidelines about a clinical question are individually evaluated. Then, the statements of the various directives are put in a summary data extraction table and a joint position is taken in a consensus process. (It is a group work with no less than 3 - 4 persons and can be performed multidisciplinary, possibly with people external to the master in advanced medicine.)

- Practical exercise ADAPTE

As a result of individual patient situations, a published guideline is evaluated in accordance with a standardised questionnaire (the ADAPTE methodology) and is adapted in consensus in a local implementable directive. (It is a group work with at least 5 - 6 persons not necessarily belonging to the same speciality, possibly with people external to the master in advanced medicine.)

- Practical exercise: translating a guideline into a patient information tool

- Practical exercise: setting up a (clinical) study protocol

- Essay of "problems when compiling and interpreting guidelines" (based on existing

literature and focused on own field)

#### Calculation of the examination mark

The evaluation can take place at the earliest in the second last academic year of the study programme. If the trainee wishes to take up the course earlier, the trainee has to motivate this request in oasis.ugent.be and the curriculum committee has to approve the request.

In order to be evaluated positively the trainee has to meet the following minimum criteria:

- attend at least 2 theoretical modules
- implement at least one of the offered exercises (and scientific assessment in Medbook)
- present at least 1 additional EBM-exercise at the workplace

The lecturer in charge evaluates the submitted project, where equal weighting is given to knowledge, capacity for collaboration and consensus with the other group members, critical-constructive cooperation, sense of being systematic, and clarity.

A "pass" / "fail" result is given.