

## Communication and Clinical Examination II (D011973)

Course size (nominal values; actual values may depend on programme)

Credits 3.0 Study time 90 h Contact hrs 42.0 h

Course offerings in academic year 2018-2019

A (year) Dutch

Lecturers in academic year 2018-2019

Deveugele, Myriam	GE21	lecturer-in-charge
Christiaens, Thierry	GE21	co-lecturer
Delanghe, Joris	GE06	co-lecturer
Pype, Peter	GE21	co-lecturer
Reniers, Jan		co-lecturer

Offered in the following programmes in 2018-2019

	crdts	offering
<a href="#">Bachelor of Science in Medicine</a>	3	A

Teaching languages

Dutch

Keywords

communication, skills, therapeutic skills, rational prescription of medication, medical imaging

Position of the course

Supply clinical examination methods and communication techniques as a base for efficient and patient-oriented consultations.

Solving pharmacotherapeutic problems and prescribing medication

Interpreting medical imaging

These skills are a continuation from the skills acquired in previous years

Contents

### 1. Clinical skills

Basic laboratory tests regarding sexuality and reproduction, kidneys and urinary tract, gastroenterology, respiration and dermatology.

- Clinical examination of the orthopedic system, the pregnant mother, the male genitals, as well as of the eye, the nose, throat and ear.

- Take an ECG

- Application of the fundamentals about working in a sterile operating room, as well as the technique of a wound suture.

- Integration of clinical, communicative and reasoning skills in a consultation with a simulated patient.

### 2. Communicative skills

Difficult topics in a medical consultation:

Breaking bad news, conversations with patients who received bad news, multi disciplinary conversations, shared decision making

### 3. Pharmacotherapy

### 4. Medical Imaging

Initial competences

You can download the list of prerequisites on <https://oasis.ugent.be/oasis-web/curriculum/voorkennisvancursus?cursuscode=D011973&taal=en>.  
V-line I and II year 1 and 2, knowledge about the healthy body.

## Final competences

### 1 **Clinical skills**

Basic skills of anamnesis, propaedeutics and interpretation of the basic laboratory tests.

2 Performing basic laboratory tests regarding sexuality and reproduction, kidneys and urinary tract, gastroenterology, respiration and dermatology.

3 Performing a clinical examination of the orthopedic system, a pregnant woman, the male genitals, as well as of the eye, the nose, throat and ear.

4 Applying the fundamentals about working in a sterile operating room and demonstration of wound suture techniques.

5 Taking of an ECG

6 Integrating clinical, communicative and reasoning skills in a consultation with a simulated patient.

### 7 **Communication skills**

Applying shared decision making during a medical consultation

8 Team meeting with healthcare professionals from other professional background

9 Break bad news

10 Communicating with a patient during the course of a serious illness, after receiving bad news.

### 11 **Therapeutic skills**

Prescribing medication in relation to the problems from the clinical lessons and constructing a formulary with logical arguments.

12 Applying and correctly interpreting techniques in **medical imaging**

## 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, lecture, PDE tutorial, self-reliant study activities, seminar: coached exercises

## Extra information on the teaching methods

Plenary sessions skills + communication (12u)

Skills sessions (22u)

Booster training sessions are organised about clinical skills of previous years. Studies can update their knowledge about clinical procedures through Learning paths, presented on the electronic learning platform Minerva, and by practising independently in the Skillslab.

Earlier acquired clinical, communicative and reasoning skills are integrated in supervised consultation training sessions in groups of 3 students with a simulated patient (2u).

Communication skills sessions (6u)

Medical imaging: plenary + exercises (10u30)

Farmacotherapy tutorials (participation required)

## Learning materials and price

Syllabus: line-book with the most important points of interest

A-books:

- GLEADLE. History and Examination at a Glance.

- Silverman, J., S. Draper, 'Vaardig communiceren in de gezondheidszorg. Een evidence-based benadering.' Lemma BV - Utrecht 2000.

## References

### Course content-related study coaching

op afspraak

### Evaluation methods

end-of-term evaluation

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

Written examination with multiple choice questions, skills test

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

Written examination with multiple choice questions, skills test

### Examination methods in case of permanent evaluation

Participation

Possibilities of retake in case of permanent evaluation  
not applicable

#### Calculation of the examination mark

This line consists of 3 clusters:

- a skills test (OSCE + communication examination)
- medical imaging
- pharmacotherapy

##### **a.) Deliberation per cluster:**

###### **OSCE's:**

Mathematical average unless:

If one station insufficient:

- one score between 8 and 9,99/20: no effect
- one score between 7 and 7,99: end score minus 1 point
- one score between 6 and 6,99: end score minus 2 points
- one score < 6: end score 9/20

If two stations insufficient:

- two scores between 9 and 9,99/20: end score 9/20
- one score < 9/20: end score: 8/20
- one score < 8/20: end score 7/20
- two scores < 8/20 or one score < 7/20: end score 6/20

If 3 or more stations insufficient: end score 6/20

**Radiology:** mathematical average

**Pharmacotherapy:** mathematical average (incl. absences and preparation)

##### **b.) Deliberation of 3 clusters:**

Mathematical average (OSCE's weight 2 and radiology and pharmacotherapy weight 1), unless:

- one cluster  $\leq$  9/20: end score minus 1 point
- one cluster  $\leq$  8/20: end score: 9/20
- two clusters < 10/20:
  - both scores between 9 and 9,99: end score: 9/20
  - one score < 9/20: end score 8/20
  - one score < 8/20: end score 7/20
- three clusters < 10/20: end score 6/20

Up to 2 points can be subtracted from the total score when the student failed to attend one or more training sessions without legal reason.

A student who does not participate in one of the parts of the line cannot succeed for the total.