Course Specifications
Valid as from the academic year 2017-2018

Scientific Research in Radiology, Part 2 (D002767)

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

<table>
<thead>
<tr>
<th>Credits</th>
<th>Study time</th>
<th>Contact hrs</th>
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<tbody>
<tr>
<td>6.0</td>
<td>150 h</td>
<td>70.0 h</td>
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Course offerings and teaching methods in academic year 2019-2020

Lecturers in academic year 2019-2020

Verstraete, Koenraad
GE32
lecturer-in-charge

Offered in the following programmes in 2019-2020

| Master of Medicine in Specialist Medicine (main subject Radiology) | 6 | A |
| Master of Medicine in Specialist Medicine (main subject Radiology) | 6 | A |

Teaching languages

Keywords
Radiologie; Radiografie; radioscopie; CT-scan; echografie; Magnetische Resonantie; positron-emissie tomografie; angiografie; interventionele radiologie Scientific seminars

Position of the course
The trainee has to increase his / her medical knowledge and understanding (including integration of elements from the basic sciences) about all aspects of the specialty by scientific methodology.

Contents
Study and interpretation of clinical scientific research with regard to syndromes that are seen during the residency and are related with the learning outcomes. The trainee functions with increasing independency in an environment of increasing complexity that is evidence based.
Non-exhaustive list of possible activities:
- I@home-activities


Having successfully completed the course "Scientific research in radiology, part 1"

Initial competences

1. Acquiring specialized knowledge in order to deepening of the roles physician, scientist, communicator and manager.
2. Developing an scientific attitude by active participation in scientific activities of the speciality.
3. Working on the enhancement of the quality of the speciality.

Final competences

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
Excursion, lecture

(Approved)
Learning materials and price
Presentation software/slides, papers, and occasionally syllabi from seminars, symposia, courses and congresses organized by the universities, the Royal Belgian Society of Radiology or any organized course or congress that is recognized by the academic chairman of the department of radiology
Electronic learning platform

References
Journals radiology

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

Possibilities of retake in case of permanent evaluation
examination during the second examination period is possible

Extra information on the examination methods
If the trainee has not followed at least 14 h accredited activities during year 3 of the residency, during year 4 of the residency and during year 5 of the residency or if these activities are not archived in the portfolio, the trainee can not be evaluated for the course “Scientific research in radiology, part 2”.
1 hour followed I@home activity is equivalent to 1 accreditation point.

Calculation of the examination mark
In order to successfully complete this course at least 42 h accredited activities (14 h accredited activities followed during year 3 of the residency + 14 h accredited activities followed during year 4 of the residency + 14 h accredited activities followed during year 5 of the residency) have to be archived in the portfolio.
Subsequently, a “pass” / “fail” result is given.