

Management of Medical Data (D000134)

Due to Covid 19, the education and evaluation methods may vary from the information displayed in the schedules and course details. Any changes will be communicated on Ufora.

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

Credits 3.0 **Study time** 75 h **Contact hrs** 13.0 h

Course offerings and teaching methods in academic year 2020-2021

A (year) Dutch Gent lecture 12.5 h

Lecturers in academic year 2020-2021

Belmans, Luc GE39 lecturer-in-charge

Offered in the following programmes in 2020-2021

| | crdts | offering |
|---|-------|----------|
| Master of Medicine in Insurance Medicine and Medico-Legal Expertise | 3 | A |

Teaching languages

Dutch

Keywords

medical data management, minimal clinical data, medical databases

medical data management, medical databases, hospital discharge data set

Position of the course

Healthcare and health policy increasingly rely on data collected and managed in medical databases. More and more medical and clinical data are also being collected and processed in health insurance and in the FPS public health. An example of this is the registration of minimal hospital data for healthcare financing based on pathology. Recently, various public agencies have been set up that rely on medical data: the federal Knowledge Centre, the Intermutualist Agency, healtdata.be ... The insurance medical practitioner will also increasingly come into contact with medical databases (checking data collection, evaluating practice, developing recommendations, policy support, ...)

Contents

Overview of medical databases used for:

- Good clinical practice: support for the evaluation of clinical practice by care providers and institutions. The analysis of the healthcare provider's medical actions by comparing with peers, providing feedback to hospitals and providers, raising standards and recommendations for good practice, and assessing over-consumption.
- The evaluation of the use of care facilities: analysis of the use and the need for health care, including for their organization and financing. Registration of minimum hospital data (MZG) and the APR-DRG classification system (All Patients Refined Diagnostic Related Groups), minimum financial data, ICD-10-BE, ... Pathology-based applications such as fixed drug rates and low variable care.

Initial competences

No specific prerequisites

Final competences

- The student has insight into the existing medical registration instruments (medical data collection, codification and encoding, processing and interpretation of results).
- The student knows the actual applications concerning the use of pathology data and data management in health insurance and health policy.

Conditions for credit contract

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

Conditions for exam contract

Access to this course unit via an exam contract is unrestricted

Teaching methods

Lecture

Extra information on the teaching methods

- Interactive lectures
- Exercises in PC class

Learning materials and price

Course notes

References**Course content-related study coaching****Evaluation methods**

end-of-term evaluation

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

Open book examination, oral examination

Examination methods in case of periodic evaluation during the second examination period**Examination methods in case of permanent evaluation****Possibilities of retake in case of permanent evaluation**

not applicable

Extra information on the examination methods

Open book exam with oral discussion.

Calculation of the examination mark