

# Sense and Non-Sense in: Anaesthesiology

Anaesthesiology is a key speciality with a central role in the care of perioperative patients, pain patients and patients requiring acute care. Anaesthesiologists are involved in resuscitation and acute care with special interest in airway management. This requires integrating knowledge of physiology, pharmacology, vital functions and homeostasis.

## Introduction

Anaesthesiology is a core specialty in every hospital. Anaesthesiologists provide special care to perioperative patients (run the preoperative screening clinic, give anaesthesia in the operating rooms, and monitor patients post-operatively in the recovery room and the 24h Post Anaesthesia Care Unit). They are key players in the treatment of pain patients, are involved in the care of patients who require acute care such as ICU patients, trauma patients and patients who require special airway management. Apart from



these patient-oriented tasks, anaesthesiologists are involved in research and management (for example, anaesthesiologists are involved in running the operating rooms).

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## Overview

The minor starts with an introduction of basic courses on anatomy, cardiorespiratory physiology, pharmacology, and neuroscience with

special focus on those topics that are relevant to anaesthesia. In later weeks, students will perform research in groups, either related to pain or respiration. Hereafter, the focus will be on anaesthesia and perioperative care. The students will learn how to evaluate patients preoperatively and how patients are treated during surgery in the operating room and next are transferred to the recovery room or post-anaesthesia care unit (PACU). Other subjects this minor focuses on are the treatment of acute pain, palliative care, and the subspecialties of anaesthetist.



## Quote

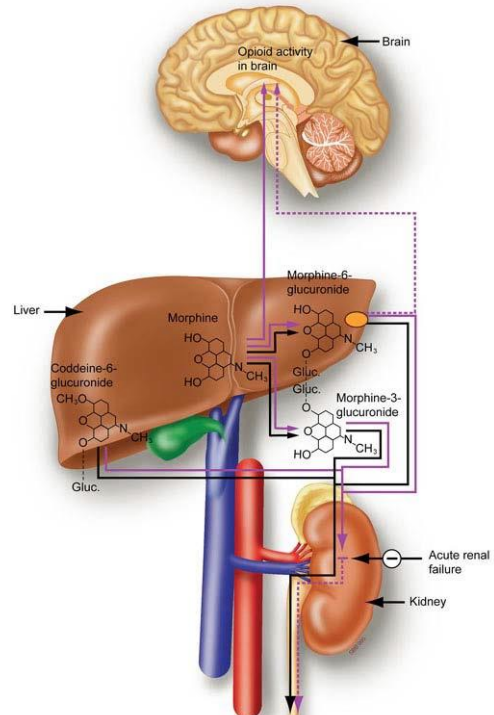
“Clinically oriented, unforgettable experiences in the OR, and enthusiastic teachers.”

## During

this half minor you will perform your own research!

## Learning goals

At the end of this minor, students will understand anatomy, physiology and pharmacology, all of which is relevant to the specialty of anaesthesiology. Insight is gained in the mechanisms and techniques of anaesthesia and perioperative care of patients. Students also acquire knowledge on pain, basic life support, and know the importance of team training. Lastly, students can retrieve literature on a topic of interest related to anaesthesia or pain and present the results in a 40-minute lecture.



**“This minor provides a unique insight in the daily practice of surgery and anaesthesiology!”**

## Clinical activities

- Daily visits to the operating rooms.
- Clinical interaction: pain clinic, preop. Screening – PACU
- Skills lab: Anaesthesia simulator + resuscitation course
- Daily interactive lectures

## Assessment

- Group research: oral presentation (pass/fail)
- Written exams (2x) with open questions (20% of final grade)
- Presentation of a topic of interest (40% of final grade)
- Participation: communication, cooperation, interest, effort (40% of final grade)

## Contact us



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