

MD programme at NTNU

Ivar Skjåk Nordrum MD PhD

Leader Medical Doctor Programme
Professor in Forensic Medicine

Faculty of Medicine and Health Sciences

The Faculty of Medicine and Health Sciences



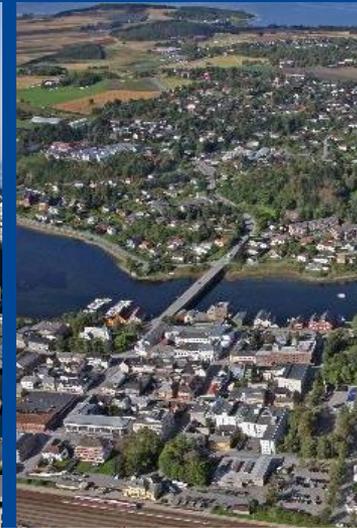
TRONDHEIM



GJØVIK



ÅLESUND



LEVANGER

The Faculty of Medicine and Health Sciences
and
The University Hospital of St. Olav



The University hospital is integrated with the Faculty of Medicine and Health Sciences in each of the new centres build in the period 2006-2010

Trondheim



Medical Musum in The Knowledge Centre



From the opening exhibition in 2014
Theme: Ultrasound

The Faculty of Medicine and Health Sciences

Who are we?

- 6500 students
- 1800 employees
- 8 departments
- In four cities:
 - Trondheim
 - Levanger
 - Ålesund
 - Gjøvik



Research

The faculty hosts several centres for outstanding research and research-driven innovation, K. G. Jebsen centers, major EU projects, as well as [The Trøndelag Health \(HUNT\) Research Centre](#) in Levanger

In 2014, May-Britt Moser and Edvard Moser, along with John O'Keefe, were [awarded the Nobel Prize in Physiology or Medicine](#) for the discovery of the brain's navigation system.

The faculty hosts one of NTNU's strategic area of research [NTNU Health](#).



Education

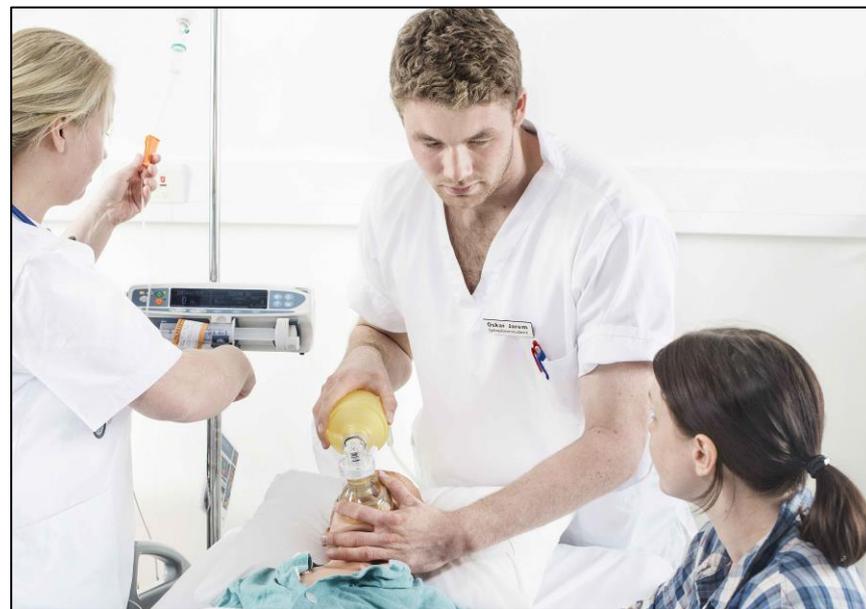
Health-related programmes

Master (6 years):

- Medicine (Trondheim/Levanger)

Bachelor (3 years):

- Audiology (Trondheim)
- Human Movement Science (Trondheim)
- Occupational therapy (Gjøvik/Trondheim)
- Physiotherapy (Trondheim)
- Radiography (Gjøvik/Trondheim)
- Paramedic Science (Gjøvik)
- Nursing (Gjøvik/Trondheim/Ålesund)
- Social education (Trondheim)



MD programme by numbers

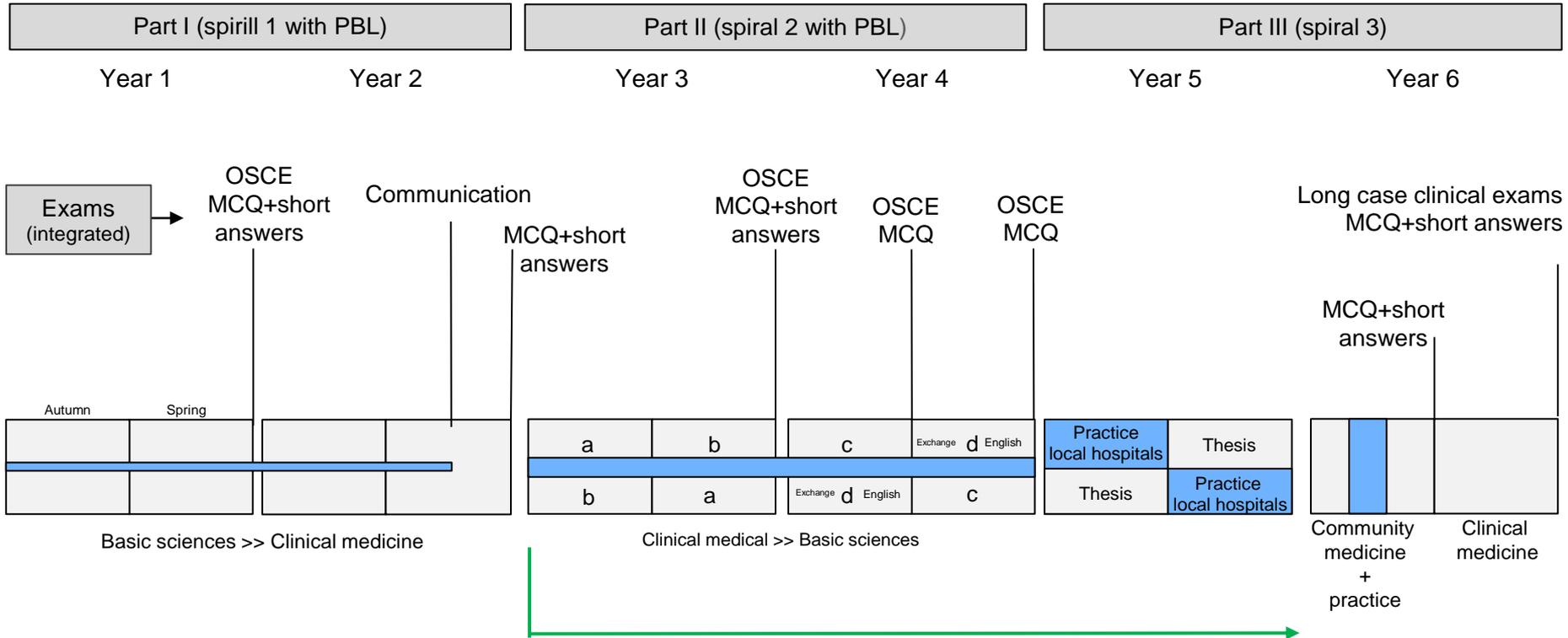
- 1975: 3,5-year clinical education after 2,5-year pre-clinical studies in Bergen
- 1993: 6-year MD programme opened with 60 students
- 2003: 1. revision: MCQ was introduced, new courses and more lecturers in the clinical training
- 2014: 2. revision: OSCE, organizational change, faculty development etc., still ongoing...
- 2018: Decentralized curriculum opened in the city of Levanger
- 2020: Increase from 135 to 155 students
- 2023: Decentralized curriculum opens in the city of Ålesund (?)

- 2020: Number of students admitted annually in medical schools in Norway
 - Tromsø: 136
 - Trondheim: 155
 - Bergen: 185
 - Oslo: 240
 - The aim is to increase with 360 more students within 6-7 years to reach the goal of educate 80% of the physicians needed in the country.

Medical doctor programme (MD)

An outcome-based curriculum with early patient contact, subject integration and spiral learning

(in year 3-5 the students are divided in two groups with opposite order of progression)



- Three longitudinal themes from 2019:
- Health promotion and disease prevention
 - Scientific competence
 - Professionalism and communication

From 2018 decentralized curriculum - longitudinal integrated clerkship (NTNU Link) – 16 students

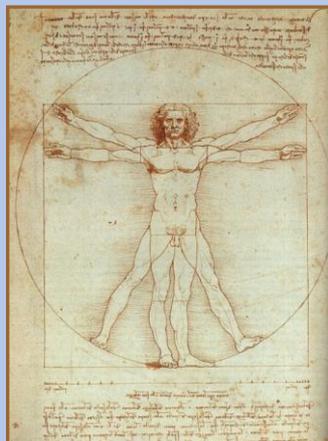
■ Patient contact: LPK (doctor-patient course) in part I, clinical rotation in part II, practice in local hospitals in year five, and practice in primary care in year six

PBL: Problem Based Learning
 MCQ: Multiple Choice Question
 OSCE: Objective Structured Clinical Examination

Medical Schools (red)
and
decentralized
curricula (green)
in Norway



Thank you



The Vitruvian Man
by
Leonardo da Vinci 1492