NASCE business meeting
Feb 25th 2016

Skillslab
Faculty of Medicine and Health Sciences
Ghent University
Faculty educational programs

- Medicine
- Dentistry
- Rehabilitation sciences and Physiotherapy
- Biomedical Sciences
- Logopaedic and Audiologic Sciences
- Physical Education and Movement Sciences
Medicine

Bachelor 1 tot 3: 951 students
Master 1 tot 3: 686 students
Medicine

- Clinical skills
- Communication skills
- Reflection skills
Communication skills

- Bach 1: basic communication principles
- Bach 2: consultation skills
- Bach 3 to Master 2: advanced communication skills
Reflection skills

- Mentor groups of 9 students
- Same physician/mentor for 6 years
- 4 group sessions and one individual feedback moment per year
Skillslab staff

- 3 administrative staff: 260%
- 1 coordinator: 50%
- 9 physician staff members: 180%
- 1 nurse staff member: 20%
- Budget: € 42,000
Skillslab philosophy

Students have to master all basic clinical, technical and communication skills before they enter their full-time 12 month internships in year 6. (year 5 in the new 6-year curriculum)
Skillslab principles

- Skills from the first year in small groups
- Pre-clinical and clinical
- From separate skills to integration
- Cooperation with the clinical departments of the university hospital
- E-learning platform with video fragments
- Independent training
- OSCE every year
Skills as early as possible

- Year 1 tot 5: Communication
- Year 1: First aid - musculoskeletal system - acute wound care
- Year 2: Venipuncture – injections - cardiovascular, pulmonary, gastro-intestinal, orthopedic and neurological examination
- Year 3: infusion therapy – electrocardiography - wound suture - nose, ear and throat and eye examination - urological and obstetric examination - consultation training
Skills as early as possible

• Year 4: gynecological examination - consultation training - cardiovascular and pulmonary examination – inhalation therapy
• Year 5: gyneco examination on volunteers, consultation training, orthopedic and neurological examination
• Year 6: consultation training
• Optional booster sessions
Skills as early as possible

Total: 2220 student contact hours
  + 730 hours communication
  + 1400 hours reflection
Pre-clinical and clinical

- Practice skills on phantoms and peers
- Practice on peers starting from clinical cases
From separate skills to integration

- Practice separate skills on phantoms and peers
- Practice on simulation patients in consultations
Consultation training

With simulation patients

- Year 3: with supervisor
- Year 4: with supervisor
  - online consultations
  - independent with feedback of simulation patients
- Year 5: consultation video recording with feedback in small groups
- Year 6: video recording real patient
  - with supervisor and simulation patient
Cooperation with the clinical departments of the university hospital

- Agreement about content, video, OSCE
- Sessions skillslab staff: 1487 hours
  specialists: 733 hours
Skillslab session preparation

- Introduction lecture
- E-learning platform with video fragments
- Pre-test
- Skillslab session
Independent training

- Electronic registration
- Osteology, skills, reanimation
- Medical students: 1523
- Total Faculty: 3038
OSCEs every year

Year 1: 8 stations (6 skills)
Year 2 – 3 - 4: 5 stations (14 – 23 - 27 skills)
Year 5: 9 stations (27 skills)
Year 6: Integrated clinical exams (32 skills)
13 days - 304 physicians/nursing staff for 4 hours
224 simulated patients
1048 student contact hours
Feedback- Evaluation

• SWOP-report (student workgroup education)
• MOVINGG: model for educational quality care and innovation 2014
  Bach 1: 83,7% satisfied or very satisfied
  Bach 2: 82,1%
• MOVINGG 2015
  Bach 1: clinical & communication skills
  3.98 (average 3.48)
Discussion