Activities to train (future) health care providers in Flanders

HPV Prevention and Control Board
Bucharest May 15-16, 2018

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Content

• Flanders
  • Initiatives for students
  • Initiatives for HCP

• EU
  • Co-organization of EU LIVE master in vaccinology
  • Co-organization of IDEAL infectious disease and vaccination week
  • Participation in the postgraduate on vaccinology, Florence University (P. Bonanni)
  • Participation in the master in vaccinology, Siena University

• WHO EURO
  • Training of HCP in Bosnia & Herzegovina
  • Development of game for 10-12 year old pupils
Initiatives for the students

- Antwerp University
  - Faculty of medicine and health sciences (> 15 years)
    - Bachelor 1: applied training on use of syringe and needle
      - Small group learning (15 students per group)
    - Bachelor 2:
      - ½ day introduction on vaccinology
        - How do vaccines work
        - Why important
        - What can be achieved
      - ½ day practical training = skills training
        - How to administer a vaccine
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Initiatives for students

- **Bachelor 3:**
  - 1 week module on vaccinology – interactive teaching and group work
    - Review of each vaccine-preventable infectious disease
    - Review of each vaccine
    - Discuss safety and reporting, interpretation of safety and AE
    - Schedules
    - Immunization programs in Belgium and Europe
    - Targets of WHO EURO and HQ
    - Catch up immunization based on cases
New medical curriculum: switch from 7 year to 6 year curriculum

• Year 7: first year of GP training
  • Full day for update on vaccinology based on cases
Initiatives for students

- University of Antwerp
- **Faculty of Pharmacy**: bachelor 3
  - Package of 12 hours on vaccinology
- **Summer course on vaccinology for students (see later)**
- EU-LIVE master on vaccinology
- 24 month educational program in 4 EU countries, including 6 months in Belgium for vaccinology
Initiatives for students

• EU-IDEAL course (2017-2020)
• Teaching week on infectious diseases and vaccines in Rome, Paris (Descartes), Antwerp, and Edinburgh + summer course in August on ID and vaccines in Paris
Antwerp Summer University

www.uantwerp.be/asu
Summer School on Vaccinology for students

2-9 July 2018

@ University of Antwerp, Belgium
Part of Antwerp Summer University (ASU)
In an average medical curriculum:

How much time (hours) is spent on vaccines and vaccination?
History

FRAMEWORK EU-PROJECT VACSA
c

www.vacsatc.eu established in 2006

- Less than 60% of students report to have received training about **current safety issues** and controversies

- Only 44% of the students indicate that they receive training on how **to communicate** with patients and parents about vaccination.

- Only 50% of the students reported receiving **practical training** in administering vaccines.
Medical and nurse students competences in vaccinology

- About 37% of medical students and 38% of nurse students do not feel confident to communicate about vaccine risks and benefits.
- More than 85% of the students expressed the need for more training on immunization.


A summer school on vaccinology: Responding to identified gaps in pre-service immunisation training of future health care workers.


Author information
Programme

✓ a 5 day training course

+ social programme evening & weekend organised by EMSA

✓ on all aspects of vaccinology

immunology, public health, infectious diseases, vaccines, immunization programs, communication on vaccine safety

✓ practical training how to vaccinate – how to communicate

✓ via interactive teaching sessions & hands-on workshops

✓ in an international environment
Participants’ reflections

“This summer school should be a model for all summer schools”

“I had a great time both on educational and cultural/social activities”

“Don’t change the instructors”

PARTICIPANTS’ OPINION ON ANTWERP SUMMER SCHOOL ON VACCINOLOGY

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Valentine vaccination Symposium

Yearly symposium with scientific presentations covering present-day vaccination topics.

Organized by the Centre for the Evaluation of Vaccination (CEV), University of Antwerp & Flemisch Agency for Care and Health

www.uantwerpen.be/valentijn
History

There is a continuous and growing need for scientific research supporting vaccination and tackling present-day vaccination-related topics.

Not only for researchers, but also for vaccinators (doctors and nurses) in the health care sector.

Helping with practical vaccine-related questions through question & answer sessions.
History

In 2003, the first edition of the symposium was organised, with < 100 participants.

Now, in 2018, over 500 people attended the symposium!
Participants receive a **booklet** and **USB-stick** with all information presented during the day, as well as background documents:

- Information about speakers
- Updated schedule and document about simultaneous vaccination
- Useful websites about vaccination
- Critical questions about vaccination: Fact checks
- Literature
Edition 2018

16th edition of the symposium

Topic: ‘Vaccinations: Today and Tomorrow’
Kritische vragen over vaccinatie: Fact checks

“We starten te vroeg met onze vaccinaties”

✓ Niet waar
○ Eerder niet waar
○ Eerder wel waar
○ waar

Waarom moet er tijdig met vaccinatie gestart worden?

Omdat we infecties die gevaarlijk kunnen zijn wanneer ze op jonge leeftijd worden opgelopen, vóór willen zijn. Het is immers niet mogelijk om het tijdstip van blootstelling aan een infectieziekte correct in te schatten. Omwille van dat onvoorspelbare is het bijzonder belangrijk om zich tijdig te laten inenting alvorens de ziekte op te lopen. Een kind het recht op bescherming tegen infectieziekten ontzeggen in zijn meest kwetsbare levensperiode gaat in tegen het Verdrag inzake de Rechten van het Kind (art 24).

Baby’s worden geboren met een nog heel onvolgroeid immuunsysteem. Ze krijgen van de mama een voorraadje antistoffen mee, maar die verdwijnen op 2 à 4 maanden uit hun bloed. Borstvoeding valt zeker aan te moedigen maar kan dit niet compenseren. Bovendien heeft niet elke mama evenveel
Program 2018

Lectures

✓ Keynote: How do you inform parents who ask:
  ✓ How vaccines work?
  ✓ Where a vaccine is made of?
✓ European vaccination week: edition 2018
✓ Reflections about HPV and prevention: a testimony after cervical cancer
✓ Local: a project for vulnerable children
✓ Vaccination by a nurse, is this feasible?

Valentine award!
Question about vaccines? The expert panel answers

Topics

✓ Meningococcal infection, Pneumococcal infection, Measles-Mumps-Rubella, Varicella, Hepatitis B, Human Papillomavirus, Rabies, Side effects and safety, Policy, etc.

✓ Example question: ‘What do you think about vaccinating somebody after he/she had a local reaction?’
Next year - edition 2019

17th edition of the symposium

With Keynote speaker:

**Prof. Stanley Plotkin, MD, PhD**

Author of the reference work ‘Vaccines’ and godfather of vaccinology
THANK YOU!