Mobile vaccination team in Flanders, Belgium

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Who are we?

- PIH (health department)
- Mobile vaccination team is commissioned by the Flemish government (AZG)

Staff
- 1,8 FT nurse
- 0,3 FT administrative support
- Training and support: dr. Van Damme en dr. Theeten (Centre for the Evaluation of Vaccination)

In reality:
- Support of the team by 2 extra colleagues

START PROGRAM 1/4 /2015
What we do?

Our assignment:
• Vaccinate underserved groups for vaccination, highlight on children
• Take action when no other health organisation is active. (e.g. Mother and Child Healthcare, School Health Services).

What we don’t do?

• Solve staff shortage of official organisations
• Help agencies set up by the federal government e.g. shelters for asylum seekers

Where?

• Flanders
Benefit of the team

• We are mobile, we work locally
• There is no charge for the team
• There is no charge for the vaccines
## General chart of recommended vaccinations

<table>
<thead>
<tr>
<th>Vaccination against</th>
<th>8 wks</th>
<th>12 wks</th>
<th>16 wks</th>
<th>12 mths</th>
<th>13/15 mths&lt;sup&gt;(8)&lt;/sup&gt;</th>
<th>5-7 yrs&lt;sup&gt;(2)&lt;/sup&gt;</th>
<th>10-13 yrs&lt;sup&gt;(3)&lt;/sup&gt;</th>
<th>14-16 yrs&lt;sup&gt;(3)&lt;/sup&gt;</th>
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</thead>
<tbody>
<tr>
<td>Poliomyelitis</td>
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<tr>
<td>Diphtheria (croup)</td>
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<tr>
<td>Tetanus (lockjaw)</td>
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<tr>
<td>Pertussis (whooping cough)</td>
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<tr>
<td>Haemophilus Influenza B</td>
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<tr>
<td>Hepatitis B (jaundice)</td>
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<tr>
<td>Pneumococcus</td>
<td>&lt;sup&gt;(7)&lt;/sup&gt;</td>
<td></td>
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<tr>
<td>Rotavirus&lt;sup&gt;(4)&lt;/sup&gt;</td>
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<td>&lt;sup&gt;(5)&lt;/sup&gt;</td>
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<td>&lt;sup&gt;(5)&lt;/sup&gt;</td>
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</tr>
<tr>
<td>Measles</td>
<td></td>
<td>&lt;sup&gt;(6)&lt;/sup&gt;</td>
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<td></td>
<td>&lt;sup&gt;(2)&lt;/sup&gt;</td>
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<tr>
<td>Parotitis (mumps)</td>
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<tr>
<td>German measles (rubella)</td>
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<tr>
<td>Meningococcal type C</td>
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<td>&lt;sup&gt;(2)&lt;/sup&gt;</td>
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<tr>
<td>Human Papilloma virus&lt;sup&gt;(6)&lt;/sup&gt;</td>
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</table>
Target groups

• Private schools
• Roma population/gypsies
• Homeless people
• Victims of human trafficking
Preparation

- General course vaccination, medicine training UA
- Courses related to specific vaccines
- Training session vaccination for nurses (dr. Van Damme, dr. Theeten)
- A day on the field with an MD vaccinating in a school
- CPR training in children aged 0-12 years: Training Rescue Belgium
- Visit to the Institute of Tropical Medicine: cold chain management and tips for handling and save keeping of vaccines
- Meeting with Child and Prevention
- Meetings with dr. Van Damme en dr. Theeten (Centre for the Evaluation of Vaccination)
- Meetings with the Flemish government
First assignment: Jewish schools

We started gathering information about Jewish culture:

- Make a list of Jewish schools and contacts.
- Meeting with the staff of Mother and Child Healthcare and School Health Services concerning vaccination in the Jewish community.
- Contact with Dhr Roth, spokesman of the Jewish schools in Antwerp.
- Contact with a teacher Jewish religion.
- Seminar: Working with Jewish families dr. Gita Schnitzer in the ZNA Middelheim hospital.
Other groups/schools contacted

- Roma population
- Homeless
- Mortsel town council regarding vaccination in gypsy camp
- Ingenium school, Tervuren
- IONA school, Nijlen
- OBC Mastenhof Hoboken en Brasschaat
- European School in Mol, European School I(Ukkel), en European School II
- International School, Ekeren
- Vlinderwijs, Stabroek
- Sudbury school, Gent

- Internationale Deutsche Schüle, Brussel
- Brussels American school
- Japanese school of Brussels
- Lycée International, Antwerpen
- British Primary, Brussel
- European school 3, Brussel
- Centre De Wijzer, Wervik
- Ecole Notre – Dame de la Sainte-Espérance, Elsene
- Acacia, Etterbeek
- ‘tPasrel, Anderlecht
- ‘t Laar, Brugge
- Lycée Français Jean Monnet, Ukkel
Procedure (for all schools)

- Contact school management
- Collect names, birthdate of all the pupils
- Look up vaccination status in Vaccinnet
- Make vaccination schedules and import into database
- Letter to parents with vaccination proposal
  - Cervarix separately: 86/100 refusals
- Collect the answers, adjust schedules to wishes of the parents
- Telephone consultations
- Vaccination
- Inform the parents about the administered vaccines
- Add vaccinations to Vaccinnet
Adjusting procedure
→ work more efficiently

Adjusted procedure:
• First ask the parents permission to look up the vaccination status in Vaccinnet

• Schedules are not adapted, vaccins for which we don’t obtain parental permission are not given, planning of the other vaccines stays the same.

Example International school:
• 167 pupils
  • 87 searched in vaccinnet
  • 13 agreement for vaccination
  • 11 vaccinated (2 ill)
• 67 OK (22 reported themselves, 45 researched)
• 53 non responders
• 27 go to MD(own initiative or based on our proposal)
• 7 refusals
Other target groups

• **Victims of human trafficking**
  • 68 persons (incl children) are guided by NGO Counter Trafficking.
  • The organization provided a translation of documents in different languages
  • 49 persons were vaccinated (142 vaccines)

• **Gypsies/Roma population**
  • Some municipalities provide places for travelling Gypsies / Roma. They can stay there for a few weeks and then have to move on.
  • We can vaccinate them during their stay.

• **Asylum seekers/homeless**
  • 28 persons were vaccinated with a polio vaccine, limitation is the availability of free vaccines
  • Outbreak of hepatitis B
Some provisional numbers

Schools: 5 Jewish Schools and 3 private schools

- pupils: 1520 - searched statuses: 1090
- pupils vaccinated: 475
- to be vaccinated: 79
- number of vaccines: 782
- 37.2 % consent (565)
- 32.0 % non responders (487)
- 17.9 % vaccination OK (272)
- 9.8 % go to MD (149)
- 3.1 % refusals (47)
## Vaccines given

<table>
<thead>
<tr>
<th>Indication</th>
<th>vaccin</th>
<th>number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diptheria, Tetanus, Pertussis</td>
<td>Boostrix</td>
<td>272</td>
</tr>
<tr>
<td>HPV –cervical cancer</td>
<td>Cervarix</td>
<td>17</td>
</tr>
<tr>
<td>Hepatitis B</td>
<td>Engerix B 20</td>
<td>72</td>
</tr>
<tr>
<td>Polio</td>
<td>Imovax polio</td>
<td>72</td>
</tr>
<tr>
<td>Polio, Diptheria, Tetanus, Pertussis, HIB (Haemophilus influenzae B), Hepatitis B</td>
<td>Hexyon</td>
<td>54</td>
</tr>
<tr>
<td>Polio, Diptheria, Tetanus, Pertussis</td>
<td>Infanrix-IPV / Repevax</td>
<td>179</td>
</tr>
<tr>
<td>Measles, Mumps, Rubella</td>
<td>Priorix / M-M-RVAXPRO</td>
<td>211</td>
</tr>
<tr>
<td>Meningococcus C</td>
<td>NeisVac-C</td>
<td>75</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>952</td>
</tr>
</tbody>
</table>
Questions?