Hepatitis A and B vaccine shortage

The Netherlands

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Disclaimer

- Government

- No personal or financial connections to pharmaceutical industry

- For full clarity on conflict of interests: present here at own expenses
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Department for Vaccine Supply and Prevention Programmes

Execution of prevention programmes:
- National Immunisation Programme
- Heelprick screening
- Prenatal screening
- Database with vaccination and screening results

Procurement, storage and distribution of vaccines and other pharmaceutical products for all public programmes:
- NIP
- Flu campaign
- HepB programme
- Pandemic preparedness
- Individual calamities – antivenoms, antivirals, antisera, scarce vaccines, antitoxins
Hepatitis A vaccines

- No national procurement.

- Vaccines for travellers and post-exposure prophylaxis (PEP) are bought by Public Health Services and travel clinics from wholesalers or directly from suppliers.

- HepA/B vaccine is bought via national procurement for the Men-having-Sex-with-Men (MSM) programme. Approximately 2.800 vaccines/year.
Hepatitis B vaccines

- National procurement (tenders) for hepatitis B-vaccines for specific target groups:
  - Babies born from HBsAg-positive mothers: HepB jr; 700 vaccines/ year.
  - Children of NIP who did not receive a HBV vaccine yet: ~5,800 HepB jr vaccines/ year and ~1,000 HepB adult vaccines/ year.
  - HepB adult for MSM programme: ~12,500 vaccines/ year.

- Hepatitis B vaccines for PEP, travel, work etc. are bought by Public Health Services, travel clinics, hospitals etc. from wholesalers or directly from suppliers.
Shortages and solutions - HepA

• Hepatitis A vaccines (not our scope)
  – Some shortages at national level.
    › Priority for vaccination of (family-) contacts of HepA patients.
    › Temporarily adaptation of travellers advice (no vaccination for travellers to Turkey, Thailand and South-Africa)
    › Delay second vaccination when first vaccination was <3 years ago
    › More focus on hygienic measures

• No shortages of HepA/B vaccine because of contract with penalties when no delivery
Shortages and solutions - HepB

- Hepatitis B vaccines
  - Some shortages at national level (outside national procurement government programmes).
    - Priority for vaccination of (family-) contacts of HepB patients.
      - RIVM has a national emergency stock for PEP (~1,000 vaccines).
    - Delay of third vaccination for health care professionals.

- For NIP: no shortages (yet) because of national procurement (contracts including penalties).
  - In september 2015 we experienced a delay of delivery HepB jr. After that we set up an emergency stock for babies born from HBsAg positive mothers (700 vaccines/ year).
Shortages, causes and solutions - HepB

- For MSM programme no shortages at the moment but will maybe occur in september 2018.
  - Contract partner is not able to deliver vaccines (4,500 vaccines). According to contract they need to find a solution (e.g. buy at another company or vaccines registered in another country).
  - For 2019: situation unknown.

- Causes:
  - Industry: Order driven production, relatively short shelf life, long production timelines, sensitive production process, few registered vaccines.
  - Buyers: Contracts, planning, stocks, forecasting.

- Solutions: More long-term big volume contracts, more registered vaccines.