# Information resources for healthcare professionals on immunisation schedules and vaccines in EU countries

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Luxembourg, 17 October 2012, Childhood immunisation Progress, challenges and priorities for further action

# Background

## Council Conclusions June 2011

In the Council conclusions on childhood immunisation (Council meeting, Luxemburg, 6 June 2011), the Commission was invited to:

**"examine with the ECDC and the EMA in close cooperation with and taking into account the work done so far by the WHO, the options to develop multilingual EU vaccination resources for health care professionals and the public with the aim to provide objective, easily accessible (web and/or paper based) and evidence-based information on vaccines and immunisation schedules including vaccines used in the Member States"**

# ECDC: upcoming vaccination resources

**1. ECDC website on immunisation**

**2. Vaccines Database**

**3. Vaccination schedule platform**

# 1. ECDC website on vaccination

## Aim

- to **promote safe** and **responsible vaccination** services

- to provide a comprehensive **package** of **reliable** and **useful information on vaccines** in **several EU languages**

- to support public health professionals and health care workers with **tools for effective communication towards the general public:** leaflets, Q&A, materials to address misconceptions and underserved populations

# ECDC website on vaccination

## Completed

- Exploratory review of existing websites on "immunisation" with examples from EU countries and other regions

## Timeline

- 2012 – Scoping and conceptualisation - recommendations

- 2013 – Development of the website

# 2. Vaccine Database

## Aim

Structured interactive database on vaccines:

- hosted on the ECDC website

- providing information on all vaccines licensed in the EU/EEA countries

# Vaccine Database

## Functionalities

- Multi-criteria search: by name (full or partial), country, type of registration, components etc...

- All vaccines linked to:
  - official documents (e.g. EPAR, SmPC) in original language
  - relevant news item on ECDC website (general and vaccination)

- User-friendly

- Updates:
  - Monitoring through ECDC official bodies in the Member States
  - Close collaboration with the EMA in light of the obligation for all MAHs to register information on their products

# Vaccines Database

## Timeline

**September 2011**

Mock-up for a database containing information on all vaccines licensed in the EU/EEA countries
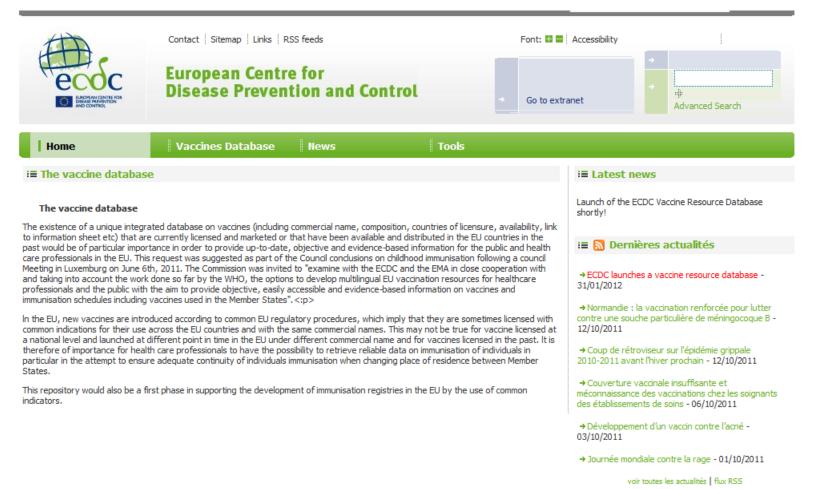
**October 2012 - March 2013**

Development for launch on the ECDC website

Development in collaboration with *Groupe d'Etudes en Preventologie*, developer of mesvaccins.net

# Accessible through ECDC website

# Search page

# Result page



| Commercial Name, Marketing Authorisation Holder | Description | Country |
|---|---|---|
| COVAXIS<br>Sanofi Pasteur MSD | Diphtheria, Tetanus, Pertussis (acellular, component) Vaccine (adsorbed, reduced antigen(s) content) | AT : TRIAXIS Injektionssuspension (MR/DP) Auth:2009-12-11<br>BE : COVAXIS (MR/DP) Auth:2009-12-11<br>BG : ADACEL (MR/DP) Auth:2009-12-11<br>CY : ADACEL SUSPENSION FOR INJECTION (MR/DP) Auth:2009-12-11<br>CZ : ADACEL (MR/DP) Auth:2009-12-11<br>DK : COVAXIS (MR/DP) Auth:2009-12-11<br>EE : ADACEL (MR/DP) Auth:2009-12-11<br>FI : COVAXIS (MR/DP) Auth:2009-12-11<br>FR : COVAXIS (MR/DP) Auth:2009-12-11<br>DE : COVAXIS (MR/DP) Auth:2009-12-11<br>GR : COVAXIS (MR/DP) Auth:2009-12-11<br>HU : ADACEL (MR/DP) Auth:2009-12-11<br>IS : COVAXIS (MR/DP) Auth:2009-12-11<br>IE : COVAXIS (MR/DP) Auth:2009-12-11<br>IT : COVAXIS (MR/DP) Auth:2009-12-11<br>LV : ADACEL (MR/DP) Auth:2009-12-11<br>LT : ADACEL (MR/DP) Auth:2009-12-11<br>LU : COVAXIS (MR/DP) Auth:2009-12-11<br>MT : ADACEL (MR/DP) Auth:2009-12-11<br>NL : COVAXIS (MR/DP) Auth:2009-12-11<br>NO : COVAXIS (MR/DP) Auth:2009-12-11<br>PL : ADACEL (MR/DP) Auth:2009-12-11<br>PT : COVAXIS (MR/DP) Auth:2009-12-11<br>RO : ADACEL (MR/DP) Auth:2009-12-11<br>SK : ADACEL (MR/DP) Auth:2009-12-11<br>SI : ADACEL (MR/DP) Auth:2009-12-11<br>ES : COVAXIS (MR/DP) Auth:2009-12-11<br>SE : TRIAXIS (MR/DP) Auth:2009-12-11<br>UK : COVAXIS (MR/DP) Auth:2009-12-11 |

European Centre for Disease Prevention and Control (ECDC) 2005 - 2011

**Brand name**

**Description and link to official documents**

**Countries of licensure and date; alternative names; link to official documentation**
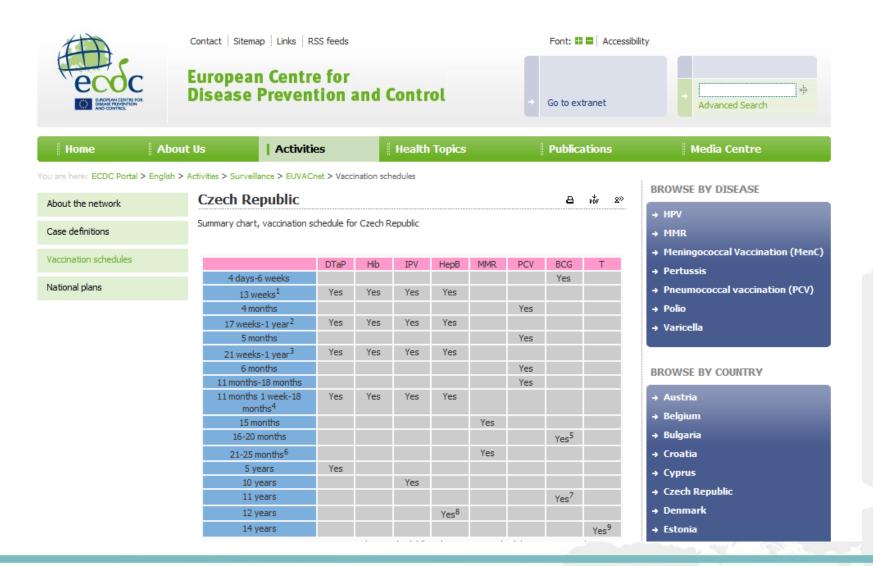
# 3. Vaccination schedule platform

## Aim

**Comparison of vaccination schedules across countries according to age and disease**

Vaccination schedule is the most-clicked page on the ECDC website

But: Current format does not allow easy updates, display and comparison between countries

# Current information on ECDC website

# Vaccination schedule platform

## Key information needed for:

- Vaccine providers

  To better understand vaccination documents of children vaccinated abroad and facilitate their decision on bridging schedules

- The general public

# Vaccination schedule platform

## Functionalities

- Link to official vaccination schedules (view and download)

- Comprehensive tables and graphs of applicable schedules for comparison across countries

- Link between the vaccination schedule platform and the vaccine database for information on vaccine indicated at specific age in a specific country

# Conclusions

## ECDC vaccine resources

- Dedicated space for up-to-date information on vaccine availability, recommendations and related information

- ECDC's VPD page increased visibility and providing useful information to those vaccinating (healthcare professionals) and those needing to be vaccinated (the general public)

- Authoritative source of information on vaccines at EU level

- In collaboration with ECDC official contact points and synergy with EMA activities

# Conclusions

## ECDC vaccine resources

**Patients**

- Participative approach
- Preventive education

**Healthcare professionals**

- A trusted source of information
- Facilitates bridging of vaccination schemes and avoids unnecessary vaccination

**Public health**

- Contributes to the continuous knowledge on vaccination

# Vision for future developments

- Vaccine Schedule Platform to include specific groups recommendations (occupational, travellers, at-risk groups)

- Specific "Apps" development

- Development of expert systems for healthcare professionals to be informed on vaccine scheme of individuals according to several characteristics including: past vaccine and disease history, underlying medical conditions, occupation

- Vaccination resources to be linked to electronic vaccination registers shared between healthcare professionals and individual patients