



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

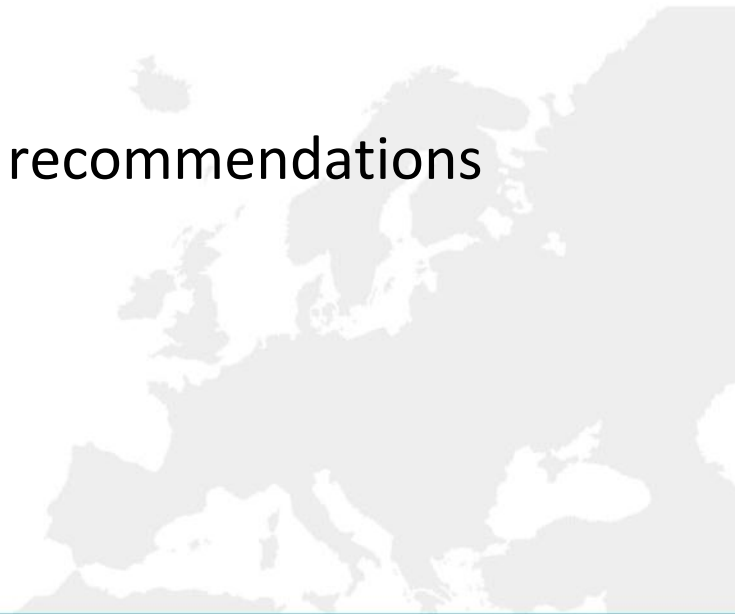
ECDC website on vaccination

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



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[The vaccine database](#)

The vaccine database

The existence of a unique integrated database on vaccines (including commercial name, composition, countries of licensure, availability, link to information sheet etc) that are currently licensed and marketed or that have been available and distributed in the EU countries in the past would be of particular importance in order to provide up-to-date, objective and evidence-based information for the public and health care professionals in the EU. This request was suggested as part of the Council conclusions on childhood immunisation following a council Meeting in Luxembourg on June 6th, 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 healthcare professionals and the public with the aim to provide objective, easily accessible and evidence-based information on vaccines and immunisation schedules including vaccines used in the Member States".

In the EU, new vaccines are introduced according to common EU regulatory procedures, which imply that they are sometimes licensed with common indications for their use across the EU countries and with the same commercial names. This may not be true for vaccine licensed at a national level and launched at different point in time in the EU under different commercial name and for vaccines licensed in the past. It is therefore of importance for health care professionals to have the possibility to retrieve reliable data on immunisation of individuals in particular in the attempt to ensure adequate continuity of individuals immunisation when changing place of residence between Member States.

This repository would also be a first phase in supporting the development of immunisation registries in the EU by the use of common indicators.

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Vaccines Database

☰ Vaccine Demo Database

VACCINE RESOURCE PLATFORM - DEMO DATABASE

This is a demo database as support to ECDC project \ " A Vaccine resource platform: registry of licensed and immunisation schedules in the EU/EEA Member States - Publication Reference OJ/10/07/2012-PROC/2012/049 \ "

This is displayed only for the information of applicants to project reference OJ/10/07/2012-PROC/2012/049. None of the information shown has been validated and should not be used beyond the requirements needed to answer to the project offer.

Official sources should be consulted for information on vaccines registered in the EU/EEA countries.

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Vaccine search criteria

Vaccine commercial name: ?

Display vaccines authorised in

Authorisation Procedure:

Target Diseases Valences

Authorisation date: to ?


Marketing Authorisation Holder:

Submit

Reset form

Standard search

Result page

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

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



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Czech Republic

Summary chart, vaccination schedule for Czech Republic

	DTaP	Hib	IPV	HepB	MMR	PCV	BCG	T
4 days-6 weeks							Yes	
13 weeks ¹	Yes	Yes	Yes	Yes				
4 months						Yes		
17 weeks-1 year ²	Yes	Yes	Yes	Yes				
5 months						Yes		
21 weeks-1 year ³	Yes	Yes	Yes	Yes				
6 months						Yes		
11 months-18 months						Yes		
11 months 1 week-18 months ⁴	Yes	Yes	Yes	Yes				
15 months					Yes			
16-20 months							Yes ⁵	
21-25 months ⁶					Yes			
5 years	Yes							
10 years			Yes					
11 years							Yes ⁷	
12 years				Yes ⁸				
14 years								Yes ⁹

BROWSE BY DISEASE

- [→ HPV](#)
- [→ MMR](#)
- [→ Meningococcal Vaccination \(MenC\)](#)
- [→ Pertussis](#)
- [→ Pneumococcal vaccination \(PCV\)](#)
- [→ Polio](#)
- [→ Varicella](#)

BROWSE BY COUNTRY

- [→ Austria](#)
- [→ Belgium](#)
- [→ Bulgaria](#)
- [→ Croatia](#)
- [→ Cyprus](#)
- [→ Czech Republic](#)
- [→ Denmark](#)
- [→ Estonia](#)

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