



Vaccination programme in Luxembourg

A short presentation

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- Core principles
 - Immunisation recommendations: NITAG (experts)
 - Decisions regarding the inclusion of vaccines in the schedule: MoH
 - Vaccine supply fully funded by the MoH
 - Vaccine visits reimbursed from the statutory health insurance fund

- Strong incentive for well-baby visits (vaccination opportunities)
 - Post-natal allocation (580,03€) upon completion of 6 well-baby visits at a Paediatrician's or GP's practice between the age of 0-24 months
 1. first 48 hours
 2. 1-10 days
 3. 3-8 weeks
 4. 4-6 months
 5. 9-12 months
 6. 21-24 months



- Operational aspects of immunisation in Luxembourg
 - Mostly in private paediatric and GP practices
 - Di, Te, aP, IPV, Hib, HBV (10µg, 20µg only for risk groups), MenC, PCV13, MMR-V (MMR and V), Rota
 - Supplied free of charge to doctor's practice upon ordering sent to the Health Directorate
 - Sent directly to the doctor's practice / to the hospital
 - Directly available in the doctor's practice for immunisation
 - HPV, Flu
 - Subjected to individual medical prescription, available in pharmacies
 - Fully reimbursed for target groups (Health insurance fund gets compensation from MoH)
 - NOT Directly available in the doctor's practice for immunisation
 - Other vaccines (HVA, vaccines for specific risk groups, travelers, ...)
 - Subjected to individual medical prescription, available in pharmacies
 - Not reimbursed

Luxembourg vaccination scheme 2017



➤ Comprehensive universal immunisation programme

	BIRTH	2 MONTHS	3 MONTHS	4 MONTHS	12 MONTHS	13 MONTHS	15-23 MONTHS	5-6 YEARS	11 YEARS	12 YEARS	13 YEARS	15-16 YEARS	18 YEARS	EVERY 10 YEARS	>65 YEARS
Diphtheria (D/d), tetanus (T), acellular Pertussis (aP), inactivated Polio vaccine (IPV)		D T aP IPV	D T aP IPV	D T aP IPV		D T aP IPV		D T aP IPV						d T aP IPV	
Haemophilus influenzae type b infection		Hib	Hib	Hib		Hib									
Hepatitis B	HBV*	HBV	HBV			HBV			HBV catch-up (3 doses)						
Invasive pneumococcal diseases		PCV13		PCV13	PCV13										PCV13, then PPS23
Rotavirus diarrhea		RV	RV												
Measles Mumps Rubella Varicella					MMRV		MMRV								
Meningococcal C infections						MenC									
Human papilloma virus									HPV 2 doses			HPV catch-up (2 or 3 doses)			
Influenza															TIV / QIV



 6 well-baby visits 0-24 months



- Guidance from the CSMI (NITAG) in 2001
 - For occupational physicians
 - Prevention of HAV transmission for people handling and preparing food
 - HAV vaccination guidance
 - Prevention of HAV transmission in communities
 - no HAV vaccination – health and hygiene guidance

HBV vaccination in Luxembourg (children)



- Universal infant immunisation programme, free of charge
 - Recommended since 1994 - implemented in 1996
 - Coverage (children 25-30 months):

	1996	2002	2007	2012
Coverage	%	%	%	%
Hepatitis B (3 doses)	5.8	94.5	94.5	93.6
DT (4 doses)	89.0	94.9	96.5	95.2

- Catch-up programme for all children aged 12 years
 - Recommended since 1994 – operational 1996-2008 (invitation)
 - 3 doses (months 0-1-6)
- HBV vaccine available free of charge for teenagers 12-15 years



- Recommendations from the CSMI (NITAG)
 - in 2004 – revised 2011
- Risk groups:
 - Hbs-Ag partners and household
 - MSM, multiple sexual partners
 - IV drug users
 - Healthcare professionals (incl. Trainees, first responders, ...)
 - Residents and personnel in facilities for disabled people
 - Patients with chronic renal failure, dialysis patients
 - Organ transplant patients
 - HIV infected people
 - Diabetes patients
 - HCV infection and other chronic liver disease patients
 - People traveling/relocating in high endemicity countries



➤ Recommendations from the CSMI (NITAG)

- in 2004 – revised 2011

➤ Risk groups:

- Hbs-Ag partners and household
- MSM, multiple sexual partners
- IV drug users
- Healthcare professionals (infectious diseases, ...)
- Residents and persons in close contact with people
- Patients with chronic liver disease
- Organ transplant recipients
- HIV infected people
- Renal dialysis patients
- IV drug users
- Diabetes patients
- HCP trainees
- HCV infection and other chronic liver disease patients
- People traveling/relocating in high endemicity countries

Fully reimbursed only for
Renal dialysis patients
IV drug users
HCP trainees



Universal immunisation programme:

- Comprehensive
- Patient-centered, accessible
- High coverage for primary immunisation series

However:

- Reimbursement not available for all risk groups
- Vaccine coverage not routinely assessed
 - beyond the age of 3 (→ teenagers?)
 - among risk groups



➤ A special thank to

- All members of the Conseil supérieur des maladies infectieuses (President: Dr Thérèse Staub)
- All physicians for their dedication to maintain a high vaccine acceptance rate among the population

➤ For more information:

- Conseil supérieur des maladies infectieuses (CSMI):
<http://www.sante.public.lu/fr/politique-sante/acteurs/organismes-consultatifs/conseil-maladies-infectieuses/index.html>
- National recommendations:
<http://www.sante.public.lu/fr/espace-professionnel/recommandations/conseil-maladies-infectieuses/index.html>



THANK YOU FOR YOUR ATTENTION

QUESTIONS?
COMMENTS?