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Practical conducts of vaccinations in different wellbeing services counties

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Wellbeing Services County of Vantaa and Kerava (VAKE)



280 000
residents

Bilingual (Finnish and Swedish)

**23 % non-native language
speakers**



9 health stations

9 maternity and child health clinics

**250 primary care hospital beds
(specialised care organised by HUS)**

**23 care facilities for elderly
(in-house service production)**



Health and development check-ups at child health clinics in VAKE

Age	Vaccine
0-1 weeks (home visit)	
1-4 weeks	
4-6 weeks	
2 months	Rotavirus
3 months	PCV, Rotavirus, DTaP-IPV-Hib
4 months	
5 months	PCV, Rotavirus, DTaP-IPV-Hib
6 months	
8 months	
12 months	PCV, DTaP-IPV-Hib, MMR
1.5 years	Varicella
2 years	
3 years	
4 years	DTaP-IPV
5 years	
6 years	MMRV





School health care

- In Vantaa and Kerava: 51 comprehensive schools
 - Each school has a designated school nurse and a physician.
 - Annual health check-ups by the school nurse.
 - In grades 1, 5 and 8 more extensive examinations by the school nurse and the school physician.
- School health care provides vaccines included in the national vaccination program
 - Administered by the school nurse

Age	Vaccine
10–12 years	HPV
14–15 years	dtap booster
	Influenza vaccination if indicated



Vaccination program for adults



Age	Vaccine
25 years	dtap booster
45 years	dT booster
65 years	dT booster, Influenza

Targeted vaccinations for risk groups:

- Hepatitis A and B
- Influenza
- Invasive meningococcal disease
- Pneumococcal diseases
- Tick-borne encephalitis
- For stem cell transplant recipients
- Whooping cough vaccine in pregnancy (temporary recommendation)
- (COVID19 vaccinations)





Vaccines offered by counties

- Rabies post-exposure prophylaxis
- Pneumococcal vaccines for all persons older than 65 years old / residents in service housing / nursing homes
- HPV vaccines for stem cell transplant recipients
- PCV, PPV and Hib vaccines for patients with spleen deficiency or spleen failure
- Vaccines for immunocompromised patients (e.g. HIV)
- (Nirsevimab)





Where are adults vaccinated?

Mainly by wellbeing services counties at

- Health stations / centres
- Hospitals
- Care facilities and home care
- Student health care
- Low-threshold health services for substance abusers
- Special services for immigrants

But also by

- Occupational health care
- Military health care
- Reception centres for asylum seekers
- Private health care
- Private vaccination clinics
- Pharmacies





Other aspects

- Vaccinations administered mainly by nurses
 - Physician responsible for vaccinations assigned
- Mass vaccination campaigns organised yearly for influenza- and COVID19 –vaccinations
 - Other vaccinations (e.g. dT, PCV/PPV, RSV) may be administered at the same time
- Self-paid vaccinations
 - Prescription needed - may be requested by phone or via client portal





Coordination of vaccinations in VAKE

- Communicable Diseases and Infection Control Unit
 - 2.5 public health nurses
 - Contact persons for THL
 - Consultants to other nurses (and physicians)
 - Responsible for special vaccinations for travellers
 - Give local vaccination instructions
 - 1(-2) physicians responsible for communicable diseases
 - Responsible for planning and implementing vaccinations
 - Consultants to above-mentioned nurses and physicians
 - Give local vaccination instructions





Problems with adult vaccinations

- Remembering to get vaccinated is customer's responsibility
 - Reminders sent to target groups by SMS or via client portal only on influenza and COVID19 –vaccinations
 - Built-in reminders in electronic patient records still rare
- Information about previous vaccinations may be scattered
- (Most) self-paid vaccines are expensive → inequality



Thank You!

