

Routine Immunisation Schedule Wales from September 2019

Age due	Diseases protected against	Vaccine given and name		Usual site ¹
2 months	Diphtheria, tetanus, pertussis (whooping cough), polio, <i>Haemophilus influenzae</i> type b (Hib) and hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa	Thigh
	Meningococcal group B (MenB)	MenB	Bexsero	Left thigh
	Pneumococcal	Pneumococcal conjugate vaccine (PCV)	Prevenar 13	Thigh
	Rotavirus	Rotavirus	Rotarix	By mouth
3 months	Diphtheria, tetanus, pertussis, polio, Hib and hepatitis B	DtaP/IPV/Hib/HepB	Infanrix hexa	Thigh
	Rotavirus	Rotavirus	Rotarix	By mouth
4 months	Diphtheria, tetanus, pertussis, polio, Hib and hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa	Thigh
	Pneumococcal	PCV	Prevenar 13	Thigh
	MenB	MenB	Bexsero	Left thigh
12 -13 months	Hib and Meningococcal group C (MenC)	Hib/MenC	Menitorix	Upper arm/thigh
	Pneumococcal	PCV booster	Prevenar 13	Upper arm/thigh
	Measles, mumps and rubella (German measles)	MMR	MMR VaxPRO ² or Priorix	Upper arm/thigh
	MenB	MenB booster	Bexsero	Left thigh
2 ⁵ and 3 years old and primary school aged children	Influenza (each year from September)	Live attenuated influenza vaccine	Fluenz Tetra ^{2,3}	Both nostrils
3 years 4 months	Diphtheria, tetanus, pertussis and polio	DTaP/IPV	Infanrix IPV or Repevax	Upper arm
	Measles, mumps and rubella	MMR	MMR VaxPRO ² or Priorix	Upper arm
12 to 13 years (school year 8)	Cervical cancer, some head and neck and ano-genital cancers, and genital warts caused by human papillomavirus (HPV)	HPV ⁴ (two doses 6- 24 months apart)	Gardasil	Upper arm
14 to 15 years (school year 9)	Tetanus, diphtheria and polio	Td/IPV (check MMR status)	Revaxis	Upper arm
	Meningococcal groups A, C, W ,Y disease	MenACWY	Nimenrix or Merveo	Upper arm
	Human papillomavirus (HPV)	2 nd dose HPV ⁶	Gardasil	Upper arm
65 years	Pneumococcal	Pneumococcal polysaccharide vaccine (PPV)	Pneumococcal polysaccharide vaccine	Upper arm
65 years of age and older	Influenza (each year from September)	Inactivated influenza vaccine	Multiple	Upper arm
70 years (but under 80)	Shingles	Shingles	Zostavax ²	Upper arm

- Where two or more injections are required at once, these should ideally be given in different limbs. Where this is not possible, injections in the same limb should be given 2.5cm apart. For more details see Chapters 4 and 11 in the Green Book. All injected vaccines are given intramuscularly unless stated otherwise.
- Contains porcine gelatine
- If Fluenz Tetra is contraindicated and child is in clinical risk group, use suitable inactivated quadrivalent flu vaccine
- If the first dose is given after 15th birthday, three doses are required at 0, 2 and 6 months apart
- Child must be 2 years old by 31 August to receive influenza vaccine in routine programme in autumn/winter
- 2nd dose HPV may be due

Selective immunisation programmes

Target group	Age and schedule	Disease	Vaccines
Babies born to hepatitis B infected mothers	At birth and 1 month old. Boost at 12 - 13 months old ¹	Hepatitis B	Hepatitis B vaccine (Engerix B / HBvaxPRO)
Infants in areas of the country with TB incidence $\geq 40/100,000$	At birth	Tuberculosis	BCG
Infants with a parent or grandparent born in a high incidence country ²	At birth	Tuberculosis	BCG
People in a risk group for influenza	From 6 months to 64 years	Influenza	LAIV for children aged 2-17 years. Inactivated flu vaccine for other ages or if LAIV contraindicated
Pregnant women	During flu season At any stage of pregnancy	Influenza	Inactivated flu vaccine
Pregnant women	From 16 weeks of pregnancy	Pertussis	dTaP/IPV (Boostrix-IPV or Repevax)
Men who have sex with men	Up to and including 45 years	HPV	Gardasil

1. In addition Infanrix Hexa (DTaP/IPV/HepB) given at 8, 12 and 16 weeks. Take blood for HBsAg to exclude infection

2. Where the annual incidence of TB is $\geq 40/100,000$ – In addition Infanrix Hexa (DTaP/IPV/HepB) given at 8, 12 and 16 weeks.

https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/393840/Worldwide_TB_Surveillance_2013_Data_High_and_Low_Incidence_Tables_2_.pdf

Additional vaccines for individuals with underlying medical conditions¹

Medical condition	Diseases protected against	Vaccines required ²
Asplenia or splenic dysfunction (including sickle cell and coeliac disease)	Meningococcal groups A, B, C, W and Y Pneumococcal Haemophilus influenzae type b (Hib) Influenza	Hib/MenC MenACWY MenB PCV13 (up to five years of age) PPV (from two years of age) Annual flu vaccine ⁴
Cochlear implants, cerebrospinal fluid leaks	Pneumococcal	PCV13 (up to five years of age) PPV (from two years of age)
Chronic respiratory and heart conditions (such as moderate to severe asthma, chronic pulmonary disease, and heart failure)	Pneumococcal Influenza	PCV13 (up to five years of age) PPV (from two years of age) Annual flu vaccine ⁴
Chronic neurological conditions (such as stroke, Parkinson's or motor neurone disease, or learning disability)	Pneumococcal Influenza	PCV13 (up to five years of age) PPV (from two years of age) Annual flu vaccine ⁴
Diabetes	Pneumococcal Influenza	PCV13 (up to five years of age) PPV (from two years of age) Annual flu vaccine ⁴
Chronic kidney disease (CKD) (including haemodialysis)	Pneumococcal (stage 4 and 5 CKD) Influenza (stage 3, 4 and 5 CKD) Hepatitis B (stage 4 and 5 CKD)	PCV13 (up to five years of age) PPV (from two years of age) Annual flu vaccine ⁴ Hepatitis B
Chronic liver conditions	Pneumococcal Influenza Hepatitis A Hepatitis B	PCV13 (up to five years of age) PPV (from two years of age) Annual flu vaccine ⁴ Hepatitis A Hepatitis B
Haemophilia	Hepatitis A Hepatitis B	Hepatitis A Hepatitis B
Immunosuppression due to disease or treatment	Pneumococcal Influenza	PCV13 (up to five years of age) ³ PPV (from two years of age), Annual flu vaccine ⁴
Complement disorders (including those receiving complement inhibitor therapy)	Meningococcal groups A, B, C, W and Y Pneumococcal Haemophilus influenzae type b (Hib) Influenza	Hib/MenC MenACWY MenB PCV13 (to any age) PPV (from two years of age) Annual flu vaccine ⁴

1. The list is not exhaustive. Other vaccines may be recommended for certain individuals.

2. Check relevant chapter of Green Book for specific schedule

3. To any age in severe immunosuppression

4. From six months of age

