



# The routine childhood immunisation schedule for Wales from September 2023

When	Diseases protected against	Vaccine given and name		Usual site <sup>1</sup>
8 weeks old	Diphtheria, tetanus, pertussis (whooping cough), polio, <i>Haemophilus influenzae</i> type b (Hib) and hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa or Vaxelis	Thigh
	Meningococcal group B	MenB	Bexsero	Left thigh
	Rotavirus gastroenteritis	Rotavirus	Rotarix	By mouth
12 weeks old	Diphtheria, tetanus, pertussis, polio, Hib and hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa or Vaxelis	Thigh
	Pneumococcal (13 serotypes)	PCV	Prevenar 13	Thigh
	Rotavirus gastroenteritis	Rotavirus	Rotarix	By mouth
16 weeks old	Diphtheria, tetanus, pertussis, polio, Hib and hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa or Vaxelis	Thigh
	Meningococcal group B	MenB	Bexsero	Left thigh
12 -13 months old	Hib / Meningococcal group C	Hib/MenC	Menitorix	Upper arm/thigh
	Pneumococcal	PCV booster	Prevenar 13	Upper arm/thigh
	Measles, mumps and rubella	MMR	MMRVaxPRO or Priorix	Upper arm/thigh
	Meningococcal group B	MenB booster	Bexsero	Left thigh
2 <sup>2</sup> and 3 years old and all school aged children	Influenza (annually from September)	Live attenuated influenza vaccine	Fluenz Tetra <sup>3</sup>	Both nostrils
3 years 4 months old	Diphtheria, tetanus, pertussis and polio	dTaP/IPV	Boostrix-IPV	Upper arm
	Measles, mumps and rubella	MMR	MMRVaxPRO or Priorix	Upper arm
School year 8 (12 to 13 year olds)	Cervical cancer, some head and neck and ano-genital cancers, and genital warts caused by human papillomavirus (HPV)	HPV <sup>4</sup> (one dose)	Gardasil 9	Upper arm
School year 9 (13 and 14 year olds)	Tetanus, diphtheria and polio	Td/IPV (check MMR status)	Revaxis	Upper arm
	Meningococcal groups A, C, W and Y	MenACWY	Nimenrix or Menveo	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 otherwise stated.
- Children must be 2 years old by 31 August to receive influenza vaccine in the routine programme in autumn/winter.
- If Fluenz Tetra is contraindicated, use a suitable inactivated flu vaccine.
- Check the relevant chapter of the Green Book for individuals requiring a 3 dose schedule.

## Selective childhood immunisation programmes<sup>1</sup>

Target group	Age and schedule	Disease	Vaccines required
Babies born to hepatitis B infected mothers	At birth and 1 month old. Boost at 12-13 months old <sup>2,3</sup>	Hepatitis B	Hepatitis B vaccines (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 <sup>4</sup>	At birth	Tuberculosis	BCG
Children in a risk group for influenza	6 months to 17 years	Influenza	LAIV for ages 2-17 years. Inactivated flu vaccine for other ages or if LAIV contraindicated

- Other vaccines may be recommended for individuals with certain underlying medical conditions.
- Take blood for HBsAg to exclude infection at 12/13 months.
- In addition to hexavalent vaccine (Infanrix hexa or Vaxelis) given at 8, 12 and 16 weeks.
- Where the annual incidence of TB is  $\geq$  40/100,000 see [www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-100000-people](http://www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-100000-people)



## Yr amserlen imiwneiddio reolaidd i blant ar gyfer Cymru o fis Medi 2023 ymlaen

Pryd	Afiechydon y gwarchodir rhagddynt	Brechiad a roddir a'i enw		Lleoliad arferol <sup>1</sup>
8 wythnos oed	Difftheria, tetanws, pertwsis (y pas), polio, <i>Haemophilus influenzae</i> math b (Hib) a hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa neu Vaxelis	Clun
	Grŵp meningococol B	MenB	Bexsero	Clun chwith
	Rotafeirws gastroenteritis	Rotafeirws	Rotarix	Drwy'r geg
12 wythnos oed	Difftheria, tetanws, pertwsis, polio, Hib a hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa neu Vaxelis	Clun
	Niwmococol (13 seroteip)	PCV	Prevenar 13	Clun
	Rotafeirws gastroenteritis	Rotafeirws	Rotarix	Drwy'r geg
16 wythnos oed	Difftheria, tetanws, pertwsis, polio, Hib a hepatitis B	DTaP/IPV/Hib/HepB	Infanrix hexa neu Vaxelis	Clun
	Grŵp meningococol B	MenB	Bexsero	Clun chwith
12 i 13 mis oed	Hib / Grŵp meningococol C	Hib/MenC	Menitorix	Rhan uchaf y fraich/Clun
	Niwmococol	Brechiad atgyfnerthu PCV	Prevenar 13	Rhan uchaf y fraich/Clun
	Brech goch, clwy'r pennau a rwbela	MMR	MMRVaxPRO neu Priorix	Rhan uchaf y fraich/Clun
	Grŵp meningococol B	Brechiad atgyfnerthu MenB	Bexsero	Clun chwith
2 <sup>2</sup> a 3 oed a phob plentyn oedran ysgol	Ffliw (bob blwyddyn o fis Medi ymlaen)	Brechiad ffliw byw wedi'i wanhau	Fluenz Tetra <sup>3</sup>	Dau dwll y trwyn
3 oed a 4 mis	Difftheria, tetanws, pertwsis a pholio	dTaP/IPV	Boostrix-IPV	Rhan uchaf y fraich
	Brech goch, clwy'r pennau a rwbela	MMR	MMRVaxPRO neu Priorix	Rhan uchaf y fraich
Blwyddyn 8 (12 i 13 oed)	Canser serfigol, rhai canserau pen a gwddw ac anogenhedlol, a defaid gwenerol a achosir gan bapilomafeirws dynol (HPV)	HPV <sup>4</sup> (un dos)	Gardasil 9	Rhan uchaf y fraich
Blwyddyn ysgol 9 (13 ac 14 oed)	Tetanws, difftheria a pholio	Td/IPV (gwirio statws MMR)	Revaxis	Rhan uchaf y fraich
	Grwpiau meningococol A, C, W ac Y	MenACWY	Nimenrix neu Menveo	Rhan uchaf y fraich

- Os oes angen dau frechiad neu fwy ar yr un pryd, dylid rhoi'r rhain mewn aelodau gwahanol o'r corff yn ddelfrydol. Os nad yw hyn yn bosib, dylid rhoi'r brechiadau yn yr un aelod o'r corff 2.5cm oddi wrth ei gilydd. Am fwy o fanylion gweler Penodau 4 ac 11 y Llyfr Gwyrdd. Rhoddir pob brechiad ar ffurf pigiad yn y cyhyrau oni bai y nodir fel arall.
- Rhaid i'r plentyn fod yn 2 oed erbyn 31 Awst i gael brechiad y ffliw yn rhaglen reolaidd yr hydref/gaeaf.
- Os nad yw Fluenz Tetra yn cael ei gymeradwyo, defnyddiwch frechiad ffliw anweithredol.
- Edrychwch ar y benod berthnasol yn y Llyfr Gwyrdd am unigolion sydd angen amserlen 3 dos.

## Rhaglenni imiwneiddio dethol ar gyfer plant<sup>1</sup>

Grŵp targed	Oedran ac amserlen	Afiechyd	Brechiadau gofynnol
Babanod wedi'u geni i famau wedi'u heintio â hepatitis B	Ar enedigaeth ac 1 mis oed. Brechiad atgyfnerthu yn 12 i 13 mis oed <sup>2,3</sup>	Hepatitis B	Brechiadau Hepatitis B (Engerix B / HBVaxPRO)
Babanod mewn ardaloedd o'r wlad gydag achosion o'r TB >= 40/100,000	Ar enedigaeth	Twbercwlosis	BCG
Babanod gyda rhiant neu daid neu nain wedi'i eni mewn gwlad gyda nifer uchel o achosion <sup>4</sup>	Ar enedigaeth	Twbercwlosis	BCG
Plant mewn grŵp risg ar gyfer y ffliw	6 mis i 17 oed	Ffliw	LAIV ar gyfer 2 i 17 oed. Brechiad ffliw anweithredol ar gyfer oedranau eraill neu os nad yw LAIV yn cael ei gymeradwyo

- Efallai y caiff brechiadau eraill eu hargymhell ar gyfer unigolion gyda rhai cyfyrau meddygol sylfaenol.
- Cymryd gwaed ar gyfer HBsAg i eithrio haint yn 12/13 mis oed.
- Yn ogystal rhoi Infanrix Hexa (DTaP/IPV/Hib/HepB) yn 8, 12 ac 16 wythnos oed.
- Os yw'r achosion blynyddol o TB yn >= 40/100,000 gweler [www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-100000-people](http://www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-100000-people)