



# The complete routine immunisation schedule for Wales from September 2023

Age due	Diseases protected against	Vaccine 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)	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
65 years of age and older	Influenza (annually from September)	Inactivated influenza vaccine	Multiple	Upper arm
65 years of age and older	Pneumococcal (23 serotypes)	Pneumococcal polysaccharide vaccine (PPV)	Pneumovax 23	Upper arm
65 years and 70 to 79 years old	Shingles	Shingles	Zostavax <sup>5</sup> (one dose) or Shingrix <sup>6</sup> (2 doses)	Upper arm

1. 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.  
2. Children must be 2 years old by 31 August to receive influenza vaccine in the routine programme in autumn/winter.  
3. If Fluenz Tetra is contraindicated, use a suitable inactivated flu vaccine.  
4. Check the relevant chapter of the Green Book for individuals requiring a 3 dose schedule.  
5. Those previously eligible for Zostavax will be offered Zostavax until supply is depleted.  
6. Immunocompetent individuals require two doses of Shingrix with the second dose given 6 to 12 months after the first dose. Immunosuppressed individuals require two doses with the second dose given 8 weeks to 6 months after the first dose.

# 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 <sup>1</sup>	Hepatitis B	Hepatitis B vaccines (Engerix B / HBVaxPRO)
Infants in areas of the country with TB incidence >= 40/100,000	At birth	Tuberculosis	BCG
Infants with a parent or grandparent born in a high incidence country <sup>2</sup>	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
Additional groups eligible for a flu vaccine <sup>3</sup>	During flu season	Influenza	Inactivated flu vaccine
Pregnant women	From 16 weeks of pregnancy	Pertussis	dTaP/IPV (Boostrix-IPV)
Gay, bisexual and other men who have sex with men	Aged under 25 years <sup>4</sup> 25 years up to 45 years <sup>5</sup>	HPV <sup>6</sup>	Gardasil 9

1. In addition to hexavalent vaccine (Infanrix hexa or Vaxelis) given at 8, 12 and 16 weeks. Take blood for HBsAg to exclude infection at 12/13 months.

2. Where the annual incidence of TB is >= 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).

3. Refer to annual flu Welsh Health Circular (WHC) for eligibility.

4. 1 dose.

5. 2 doses 6-24 months apart.

6. Check the relevant chapter of the Green Book for individuals requiring a 3 dose schedule.

## Additional vaccines for individuals with underlying medical conditions<sup>1</sup>

Medical condition	Diseases protected against	Vaccines required <sup>2</sup>
Asplenia or splenic dysfunction (including sickle cell and coeliac disease)	Meningococcal groups A, B, C, W and Y Pneumococcal Influenza	MenACWY MenB PCV13 (up to ten years of age) <sup>3</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup>
Cochlear implants, cerebrospinal fluid leaks	Pneumococcal	PCV13 (up to ten years of age) <sup>3</sup> 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 ten years of age) <sup>3</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup>
Chronic neurological conditions (such as Parkinson's or motor neurone disease, or learning disability)	Pneumococcal Influenza	PCV13 (up to ten years of age) <sup>3</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup>
Diabetes	Pneumococcal Influenza	PCV13 (up to ten years of age) <sup>3</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup>
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 ten years of age) <sup>3</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup> Hepatitis B
Chronic liver conditions	Pneumococcal Influenza Hepatitis A & B	PCV13 (up to ten years of age) <sup>3</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup> Hepatitis A & Hepatitis B
Haemophilia	Hepatitis A & B	Hepatitis A & Hepatitis B
Complement disorders (including those receiving complement inhibitor therapy)	Meningococcal groups A, B, C, W and Y Pneumococcal Influenza	MenACWY MenB PCV13 (up to ten years of age) <sup>3</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup>
Immunosuppression due to disease or treatment	Pneumococcal Influenza	PCV13 (up to ten years of age) <sup>3,5</sup> PPV (from two years of age) Annual flu vaccine <sup>4</sup>

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

2. Check relevant chapter of Green Book for specific schedule and for further detail.

3. If aged two years to under ten years of age and unimmunised or partially immunised against pneumococcal infection, give one PCV13 dose.

4. From six months of age.

5. To any age in severe immunosuppression.

# Rhaglenni imiwneiddio dehol

Grwp targed	Oedran ac amserlen	Afiechyd	Brechiadau
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Babnod wedi'u geni i famau wedi'u heintio â hepatitis B	Ar enedigaeth ac 1 mis oed.	Hepatitis B	Brechiadau Hepatitis B (Engerix B / HBVaxPRO)
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Babnod mewn ardaloedd o'r wlad lle mae achosion o'r TB >= 40/100,000	Ar enedigaeth	Twbercwlosis	BCG
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Babnod gyda rhiant neu nain neu daid wedi'u geni mewn gwlad lle mae llawer o achosion <sup>2</sup>	Ar enedigaeth	Twbercwlosis	BCG
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Pobl mewn grwp risg uchel ar gyfer y ffliw	0 6 mis i 64 oed	Ffliw	LAIV i blant 2 i 17 oed. Brechiad ffliw anweithredol i oedranau eraill neu os nad yw LAIV yn addas
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Grwpiau ychwanegol sy'n gymys ar gyfer brechiad y ffliw <sup>3</sup>	Yn ystod tymor y ffliw.	Ffliw	Brechiad ffliw anweithredol
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Merched beichiog	0 16 wythnos y beichiogrwydd	Pertwsis	dTap/IPV (Boostrix-IPV)
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Dynion hwyw, deurwioi a dynion eraill sy'n cael rhyw gyda dynion	0 dan 25 oed <sup>4</sup> 25 mlynedd hyd at 45 mlynedd <sup>5</sup>	HPV <sup>6</sup>	Gardasil 9
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1. Yn ychwanegol at frechiad hecsafalent (Infanrix hexa neu Vaxelis) a roddir yn 8, 12 ac 16 wythnos oed. Cymryd gwared ar gyfer HBSAg i ethrio haent yn 12/13 mis.  
 2. Os yw'r achosion blynyddol o TB yn >= 40/100,000 edrychwch ar [www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-10000-people](http://www.gov.uk/government/publications/tuberculosis-tb-by-country-rates-per-10000-people).  
 3. Edrychwch ar Gylichlythyr Iechyd Blynyddol Cymru am y ffliw am gymhwysedd.  
 4. Un dos.  
 5. 2 ddos 6-24 mis ar wahan.  
 6. Edrychwch ar y bennod berthnasol yn y Llyfr Gwyrdd am unigolion sydd angen amserlen 3 dos.

## Brechiadau ychwanegol ar gyfer unigolion â chyflyrau meddygol syftaenol<sup>1</sup>

Cyflwr meddygol	Yr afiechyd y gwarchodir rhagddynt	Brechiadau gofynnol <sup>2</sup>
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Asplenïa neu ddiffyg duegol (gan gymys celfyd y crymangelloedd a seilagi)	Grwpiau meningococcol A, B, C, W ac Y Ffliw Niwmococcol	MenACWY MenB PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup>
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Mewnbiantadau yn y glust, differion hylif serbro-sbinal	Niwmococcol	PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed)
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Cyflyrau anadoli a chalon cronig (fel asthma cymedrol i ddiffrol, afiechyd pwmonaidd cronig, a methiant y galon)	Ffliw Niwmococcol	PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup>
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Cyflyrau niwrolegol cronig (fel clefyd Parkinson neu glefyd niwronau motor, neu anabled dsgy)	Niwmococcol Ffliw	PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup>
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Diabetes	Niwmococcol Ffliw	PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup>
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Afiechyd cronig ar yr arennau (CKD) (gan gymys haemodialysis)	Niwmococcol (cam 4 a 5 CKD) Ffliw (cam 3, 4 a 5 CKD) Hepatitis B (cam 4 a 5 CKD)	PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup> Hepatitis B
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Cyflyrau cronig ar yr iau / ofu	Niwmococcol Ffliw Hepatitis A a B	PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup> Hepatitis A a Hepatitis B
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Hemofilia	Hepatitis A a B	Hepatitis A a B
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Anhwyloderau cyflenwol (gan gymys y rhai sy'n cael therapi atalydd cyflenwol)	Grwpiau meningococcol A, B, C, W ac Y Niwmococcol Ffliw	MenACWY MenB PCV13 (hyd at ddeg oed) <sup>3</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup>
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Imiwneiddfygiant oherwydd afiechyd neu driniaeth	Niwmococcol Ffliw	PCV13 (hyd at ddeg oed) <sup>3,5</sup> PPV (o ddyflwydd oed) Brechiad blynyddol y ffliw <sup>4</sup>
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1. Nid yw'r rhestr yn hollgyrhwystawr. Gellir argymhell brechiadau eraill ar gyfer rhai unigolion.

2. Edrychwch ar y bennod berthnasol yn y Llyfr Gwyrdd am amserlen benodol ac am ragor o fanllion.

3. Os rhwng dyflwydd oed a deg oed a heb ei imiwneiddio neu wedi'i imiwneiddio yn rhannol yn erbyn haent niwmococcol, rhoi un dos o PCV13.

4. O chwe mis oed.

5. I unrhyw oedran ag imiwneiddfygiant diffrol.



# Amserlen Imiwneiddio Rheolaidd Gyflawn ar gyfer Cymru o fis Medi 2023 ymlaen

Pryd	Affechydau y gwarchodir rhagddynt	Brechid ac enw	Lleoliad arferol <sup>1</sup>
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8 wythnos oed	Difffheria, tetanus, pertwsis (y pas), polio, <i>Haemophilus influenzae</i> math b	DTaP/IPV/Hib/ HepB	Infanrix hexa neu Vaxelis Clun
	Grŵp meningococcol B (MenB)	MenB	Bexsero Clun chwith
	Rotafeirws gastroenteritis	Rotafeirws	Rotarix Drwy'r geg

12 wythnos oed	Difffheria, tetanus, pertwsis, polio, Hib a hepatitis B	DTaP/IPV/Hib/ HepB	Infanrix hexa neu Vaxelis Clun
	Niwrococcol (13 seroteip)	PCV	Prevenar 13 Clun
	Rotafeirws gastroenteritis	Rotafeirws	Rotarix Drwy'r geg

16 wythnos oed	Difffheria, tetanus, pertwsis, polio, Hib a hepatitis B	DTaP/IPV/Hib/ HepB	Infanrix hexa neu Vaxelis Clun
	Grŵp meningococcol B	MenB	Bexsero Clun chwith

12-13 mis oed	Hib / Grŵp meningococcol C	Hib/MenC	Mentorix Rhan uchaf y fraich/clun
	Niwrococcol	Brechid atgyferthu 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 meningococcol B	Brechid atgyferthu MenB	Bexsero Clun chwith

2 <sup>a</sup> a 3 <sup>o</sup> oed a phob plentyn oedran ysgol	Ffliw (bob blwyddyn o fis Medi ymlaen)	Brechid ffliw byw wedi'i wanhau	Fluenz Tetra <sup>3</sup> Dau dwll y trwyn
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3 oed a 4 mis	Difffheria, tetanus, 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 serrigol, rhai canserau pen a gwddw ac anogheddiol, a defaid gwenerol a achosir gan bapilomatfeirws dynol (HPV)	HPV <sup>4</sup> (un dos)	Gardasil 9 Rhan uchaf y fraich
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Blwyddyn ysgol 9 (13 ac 14 oed)	Tetanws, difffheria a pholio	Td/IPV (gwirio statws MMR)	Revaxis Rhan uchaf y fraich
	Grwpiau meningococcol A, C, W ac Y	MenACWY	Nimenrix neu Menveo Rhan uchaf y fraich

65 oed a hyn	Y ffliw (yn fflyddol o fis Medi ymlaen)	Brechid ffliw anweithredol	Lluosog Rhan uchaf y fraich
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65 oed a hyn	Niwrococcol (23 seroteip)	Brechid polysaccarid niwrococcol (PPV)	Pneumovax 23 Rhan uchaf y fraich
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65 oed a 70 i 79 oed	Eryr	Eryr	Zostavax <sup>5</sup> (un dos) neu Shingrix <sup>6</sup> (dau ddos) Rhan uchaf y fraich
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1. Os oes angen dau frechid neu fwy ar yr un pryd, dylid rhoi'r rhain mewn aelodau gwahanol o'r corff yn ddefnyddol. Os nad yw hyn yn bosib, dylid rhoi'r brechidau yn yr un aelod o'r corff 2.5cm oddi wrth ei gilydd. Am fwy o fanylion gweler Penodau 4 ac 11 y Llyfr Gwyrd. Rhoddir pob brechid ar ffurf pigiad yn y cyhyrau oni bai y nodir fel arall.  
2. Rhaid i blant fod yn 2 oed erbyn 31 Awst i gael brechid y ffliw yn rhaglen reolaidd yr hydref/gaeaf.  
3. Os nad yw Fluenz Tetra yn cael ei gymeradwyo, defnyddiwch frechid ffliw anweithredol.  
4. Edrychwch ar y bennod berthnasol yn y Llyfr Gwyrd am unigolion sydd angen amserlen 3 dos.  
5. Bydd y rhai a oedd yn gymwys ar gyfer Zostavax yn flaenorol yn cael cynnig Zostavax nes bod y cyfnewid wedi dod i ben.  
6. Mae angen dau ddos o Shingrix ar unigolion imiwnogymwys gyda'r ail ddos yn cael ei roi 6 i 12 mis ar ôl y dos cyntaf. Mae angen dau ddos ar unigolion sydd ag imiwnedd gwan, gyda'r ail ddos yn cael ei roi 8 wythnos i 6 mis ar ôl y dos cyntaf.