

Annex 1 - CPRD medical, product and READ codes for Meningococcal B vaccine

Medical code	READ code	READ term
110021	6571000	First meningitis B vaccination
110156	6571500	1st meningitis B vaccinatn givn by other healthcare provider
110157	6571600	2nd meningitis B vaccinatn givn by other healthcare provider
110158	6571100	Second meningitis B vaccination
110170	6571200	Third meningitis B vaccination
110220	6571300	Fourth meningitis B vaccination
110306	6571700	3rd meningitis B vaccinatn givn by other healthcare provider
110939	6571800	4th meningitis B vaccinatn givn by other healthcare provider
111126	6571400	Meningitis B vaccination given by other healthcare provider

Product Code	CPRD Product name
59577	Bexsero vaccine suspension for injection 0.5ml pre-filled syringes (GlaxoSmithKline UK Ltd)
59575	Meningococcal group B vaccine (rDNA, component, adsorbed) suspension for injection 0.5ml pre-filled syringes

Code lists generated from the CPRD medical and product browser

Annex 2 – CPRD medical and product codes for other routine childhood vaccinations

Combined Diphtheria, Tetanus, Pertussis, Polio and Haemophilus influenza type b (DTaP/IPV/Hib) vaccine

Medical code	READ code	READ term
71429	65a..00	Dipht tetanus acell pertus, haem influ b, inactiv polio vacc
63889	65a0.00	1st dipht tet acell pertus, haem influ b, inactiv polio vacc
64407	65a1.00	2nd dipht tet acell pertus, haem influ b, inactiv polio vacc
63888	65a2.00	3rd dipht tet acell pertus, haem influ b, inactiv polio vacc
94891	65a3.00	Booster diphth tet ac pertus, haem influ b, inac polio vacc
28810	65MH.00	First DTP polio and Hib vaccination
35206	65MI.00	Second DTP polio and Hib vaccination
46182	65MJ.00	Third DTP polio and Hib vaccination
56787	65MK.00	Fourth DTP polio and Hib vaccination
95310	65MP.00	Booster diphth tet ac pertus, haem influ b, inac polio vaccn
98150	65MQ.00	Booster diph tet ac pertussis, haem influ b, inac polio vacc
67	6544.00	Booster diphtheria vaccination
85	6541.00	First diphtheria vaccination
86	6543.00	Third diphtheria vaccination
88	6542.00	Second diphtheria vaccination
10771	ZV03500	[V]Diphtheria vaccination
20205	654..00	Diphtheria vaccination
75	6562.00	Second tetanus vaccination
73	6563.00	Third tetanus vaccination
69	6561.00	First tetanus vaccination
28	6564.00	Booster tetanus vaccination
14631	6565.00	Final tetanus vaccination
110725	6555.00	Pertussis vaccination given by other healthcare provider
94	6553.00	Third pertussis vaccination
95	6551.00	First pertussis vaccination
36214	655Z.00	Pertussis vaccination NOS
11027	ZV03600	[V]Pertussis vaccination
14632	6554.00	Pertussis booster vaccination
14619	655..00	Pertussis vaccination
97	6552.00	Second pertussis vaccination
82	6581.00	First polio vaccination
3359	658..00	Polio vaccination
87	6582.00	Second polio vaccination
39	6584.00	Booster polio vaccination
83	6583.00	Third polio vaccination
14585	657B.00	2 nd haemophilus B vaccination
14607	657D.00	Booster (single) haemophilus B vaccination
14586	657C.00	3 rd haemophilus B vaccination
14584	657A.00	1 st haemophilus B vaccination

Product code	Product name	Drug substance name
781	Diphtheria and tetanus with pertussis, poliomyelitis and haemophilus influenzae b (dtaP/IPV/Hib) adsorbed	Diphtheria Toxoid/tetanus Toxoid/pertussis Toxoid/filamentous Haemagglutinin/pertactin/haemophilus Influenzae

	vaccination	Type B Vaccine/poliomyelitis Vaccine Inactivated Types 1,2,3/fimbrial Agglutinogens 2 + 3
18241	Pediacel vaccine suspension for injection 0.5ml vials (sanofi pasteur MSD Ltd)	Diphtheria toxoid/Tetanus toxoid/Pertussis antigens/Human poliovirus type 1 inactivated/Human poliovirus type 2 inactivated/Human poliovirus type 3 inactivated/Haemophilus influenzae type b polysaccharide protein conjugate
36069	Infanrix-IPV + Hib vaccine powder and suspension for suspension for injection 0.5ml pre-filled syringes (GlaxoSmithKline UK Ltd)	Diphtheria toxoid/Tetanus toxoid/Pertussis antigens/Haemophilus influenzae type b polysaccharide protein conjugate/Human poliovirus type 2 inactivated/Human poliovirus type 3 inactivated/Human poliovirus type 1 inactivated
49318	Diphtheria / Tetanus / Pertussis (acellular component) / Poliomyelitis (inactivated) / Haemophilus type b conjugate vaccine (adsorbed) suspension for injection 0.5ml vials	Diphtheria toxoid/Tetanus toxoid/Pertussis antigens/Human poliovirus type 1 inactivated/Human poliovirus type 2 inactivated/Human poliovirus type 3 inactivated/Haemophilus influenzae type b polysaccharide protein conjugate
50883	Diphtheria / Tetanus / Pertussis (acellular component) / Poliomyelitis (inactivated) / Haemophilus type b conjugate vaccine (adsorbed) powder and suspension for suspension for injection 0.5ml pre-filled syringes	Diphtheria toxoid/Tetanus toxoid/Pertussis antigens/Haemophilus influenzae type b polysaccharide protein conjugate/Human poliovirus type 2 inactivated/Human poliovirus type 3 inactivated/Human poliovirus type 1 inactivated

Pneumococcal Conjugate vaccine (PCV)

Medical code	READ code	READ term
10713	68Ne.00	Consent given for pneumococcal vaccine
97759	657P.00	Pneumococcal vaccination given by other healthcare provider
61505	657N.00	Third pneumococcal conjugated vaccination
61504	657M.00	Second pneumococcal conjugated vaccination
71121	657L.00	First pneumococcal conjugated vaccination
36826	6572000	Pneumococcal vaccination given
11363	6572	Pneumococcal vaccination
30411	9Oo..00	Pneumococcal vaccination administration
53198	657K.00	Booster pneumococcal vaccination
109937	657R.00	Supplemental pneumococcal conjugated vaccination

Product code	Product name	Drug substance name
42602	Prevenar 13 vaccine suspension for injection 0.5ml pre-filled syringes (Pfizer Ltd)	Streptococcus pneumoniae capsular polysaccharide protein conjugate
42612	Pneumococcal polysaccharide conjugated vaccine (adsorbed) suspension for injection 0.5ml pre-filled syringes	Streptococcus pneumoniae capsular polysaccharide protein conjugate
821	Pneumococcal polysaccharide conjugated vaccine (adsorbed) suspension for injection 0.5ml vials	Streptococcus pneumoniae capsular polysaccharide protein conjugate
50338	Prevenar vaccine suspension for injection 0.5ml pre-filled syringes (Pfizer)	Streptococcus pneumoniae capsular polysaccharide protein conjugate

	Ltd)	
5757	Prevenar Vaccination (Wyeth Pharmaceuticals)	Streptococcus pneumoniae capsular polysaccharide protein conjugate
50267	Prevenar vaccine suspension for injection 0.5ml vials (Wyeth Pharmaceuticals)	Streptococcus pneumoniae capsular polysaccharide protein conjugate
53159	Synflorix vaccine suspension for injection 0.5ml pre-filled syringes (GlaxoSmithKline UK Ltd)	Streptococcus pneumoniae capsular polysaccharide protein conjugate

Rotavirus vaccine

Medical code	Read code	Read term
94970	65d..00	Rotavirus vaccination
106632	65d0.00	First rotavirus vaccination
106633	65d1.00	Second rotavirus vaccination
106876	65d2.00	Rotavirus vaccination given by other healthcare professional

Product code	Product name
36203	Rotarix Oral vaccination (GlaxoSmithKline UK Ltd)
38025	Rotavirus oral Vaccine
52075	Rotavirus vaccine live oral suspension 1.5ml pre-filled syringes
52896	Rotarix vaccine live oral suspension 1.5ml pre-filled syringes (GlaxoSmithKline UK Ltd)

MMR (measles, mumps and rubella) vaccine

Medical code	readcode	readterm
3387	65M1.00	Measles/mumps/rubella vaccn.
18507	65MA.00	Measles mumps and rubella booster vaccination
25107	65MB.00	MMR pre-school booster vaccination
17913	65MC.00	MMR vaccination - 2nd dose
99336	9ki..00	MMR catch-up vaccination programme - ESA
99255	9ki1.00	MMR catch-up vaccination - enhanced services administration
103217	9ki1.11	Measles mumps rubella catch-up vaccination
9732	ZV06400	[V]Measles-mumps-rubella (MMR) vaccination
23383	65A..00	Measles vaccination
53	65A1.00	Measles vaccination
49720	ZV04200	[V]Measles vaccination
72	65F5.00	Mumps vaccination
40481	ZV04600	[V]Mumps vaccination
58	65B..00	Rubella vaccination
16992	ZV04300	[V]Rubella vaccination

Product Code	Product name
11714	Priorix vaccine powder and solvent for solution for injection 0.5ml vials (GlaxoSmithKline UK Ltd)

38476	M-M-RVAXPRO vaccine powder and solvent for suspension for injection 0.5ml pre-filled syringes (sanofi pasteur MSD Ltd)
20845	Measles, Mumps and Rubella vaccine (live) powder and solvent for suspension for injection 0.5ml pre-filled syringes
18172	Measles, Mumps and Rubella vaccine (live) powder and solvent for solution for injection 0.5ml vials
3906	M-M-R II vaccine powder and solvent for solution for injection 0.5ml vials (sanofi pasteur MSD Ltd)
10333	Pluserix Vaccination (GlaxoSmithKline Consumer Healthcare)
18912	Immravax Vaccination (Aventis Pasteur MSD)

Annex 3 - CPRD medical and READ codes indicating a diagnosis of convulsion

Medical code	READ code	READ term
614	R003000	[D]Convulsions, febrile
1137	R003.00	[D]Convulsions
1306	R003z11	[D]Seizure NOS
1715	F250011	Epileptic absences
1902	1B63.00	Had a fit
3607	F25z.11	Fit (in known epileptic) NOS
3652	1B63.11	Fit - had one, symptom
4093	F253.11	Status epilepticus
4478	F256.00	Infantile spasms
4801	F251300	Epileptic seizures - myoclonic
5117	F253.00	Grand mal status
5152	F251400	Epileptic seizures - tonic
5668	F251600	Grand mal seizure
6063	2827	O/E - febrile convulsion
6072	282..11	O/E - a convulsion
6271	F25X.00	Status epilepticus, unspecified
6721	R003211	[D]Fit (in non epileptic) NOS
7275	282..13	O/E - a seizure
7808	1B64.11	Convulsion - symptom
7809	2823	O/E - petit mal fit
7811	2822	O/E - grand mal fit
8097	2828	Absence seizure
8487	F132z12	Myoclonic seizure
9085	1B64.00	Had a convulsion
9886	F252.00	Petit mal status
11025	R003200	[D]Fit
11394	F254500	Complex partial epileptic seizure
11505	1B27.00	Seizures in response to acute event
12098	2824.12	O/E - focal fit
12662	1B6B.00	Febrile convulsion
13304	Q480.12	Seizures in newborn
15077	R003z00	[D]Convulsion NOS
16792	R003011	[D]Pyrexial convulsion
17136	282..12	O/E - a fit
18471	F251200	Epileptic seizures - clonic
20005	Q480.00	Convulsions in newborn
21839	Q480.11	Fits in newborn
24309	F250200	Epileptic seizures - atonic
25330	F25y300	Complex partial status epilepticus
25865	R003y00	[D]Other specified convulsion
26144	F251.00	Generalised convulsive epilepsy
27647	R003100	[D]Convulsions, infantile
31663	2826	O/E - salaam attack
31830	F250300	Epileptic seizures - akinetic
32662	282..00	O/E - fit/convulsion
38457	282Z.00	O/E - fit/convulsion NOS
39530	2824.11	O/E - Jacksonian fit
40105	F255600	Simple partial epileptic seizure

40806	F251z00	Generalised convulsive epilepsy NOS
45927	F251y00	Other specified generalised convulsive epilepsy
49322	F256z00	Infantile spasms NOS
51517	2825	O/E - psychomotor fit
56966	Eu44500	[X]Dissociative convulsions
57277	2824	O/E - focal (Jacksonian) fit
59120	Fyu5200	[X]Other status epilepticus
68486	F256.11	Lightning spasms
71801	Fyu5900	[X]Status epilepticus, unspecified
72608	Ryu7100	[X]Other and unspecified convulsions
106571	F25H.00	Generalised seizure