

**Supplementary appendix 1 – SNOMED codes used**

## MMR

<b>SNOMED Identifier (SCTID)</b>	<b>CT</b>	<b>Description</b>
38598009		Administration of vaccine product containing only Measles morbillivirus and Mumps orthorubulavirus and Rubella virus antigens (procedure)
170431005		Administration of booster dose of vaccine product containing only Measles morbillivirus and Mumps orthorubulavirus and Rubella virus antigens (procedure)
170432003		Administration of pre-school booster dose of vaccine product containing only Measles morbillivirus and Mumps orthorubulavirus and Rubella virus antigens (procedure)
170433008		Administration of second dose of vaccine product containing only Measles morbillivirus and Mumps orthorubulavirus and Rubella virus antigens (procedure)
308081000000105		Measles mumps and rubella vaccination-first dose (procedure)
505001000000109		Measles mumps rubella catch-up vaccination (procedure)
571591000119106		Administration of vaccine product containing only live attenuated Measles morbillivirus and Mumps orthorubulavirus and Rubella virus antigens (procedure)
1037251000000102		First measles mumps and rubella vaccination given by other healthcare provider (finding)
1037271000000106		Second measles mumps and rubella vaccination given by other healthcare provider (finding)
473166002		History of measles, mumps and rubella vaccination (situation)
150971000119104		Measles, mumps and rubella vaccination given (situation)
504481000000108		Measles mumps rubella catch-up vaccination programme enhanced services administration (procedure)

## Pneumococcal vaccine

<b>SNOMED Identifier (SCTID)</b>	<b>CT</b>	<b>Description</b>
12866006		Administration of vaccine product containing only Streptococcus pneumoniae antigen (procedure)

394678003	Administration of booster dose of vaccine product containing only Streptococcus pneumoniae antigen (procedure)
871833000	Subcutaneous injection of pneumococcal vaccine (procedure)
1119366009	Administration of vaccine product containing only Streptococcus pneumoniae Danish serotype 1, 3, 4, 5, 6A, 6B, 7F, 9V, 14, 18C, 19A, 19F, and 23F capsular polysaccharide antigens (procedure)
1119367000	Administration of vaccine product containing only Streptococcus pneumoniae Danish serotype 1, 2, 3, 4, 5, 6B, 7F, 8, 9N, 9V, 10A, 11A, 12F, 14, 15B, 17F, 18C, 19A, 19F, 20, 22F, 23F, and 33F capsular polysaccharide antigens (procedure)
1119368005	Administration of vaccine product containing only Streptococcus pneumoniae Danish serotype 4, 6B, 9V, 14, 18C, 19F, and 23F capsular polysaccharide antigens conjugated (procedure)
247631000000101	First pneumococcal conjugated vaccination (procedure)
247641000000105	Second pneumococcal conjugated vaccination (procedure)
247651000000108	Third pneumococcal conjugated vaccination (procedure)
820741000000108	Supplemental pneumococcal conjugated vaccination (procedure)
170337005	Pneumococcal vaccination given (situation)
43961000119109	Pneumococcal 7-valent conjugate vaccination given (situation)
139791000119105	Pneumococcal 13-valent conjugate vaccination given (situation)
1324631000000100	Pneumococcal vaccination given by other healthcare provider (situation)
310577003	Pneumococcal immunization status (finding)

## Measles

<b>SNOMED Identifier (SCTID)</b>	<b>CT</b>	<b>Description</b>
74325003		Disease caused by Morbillivirus (disorder)
230146001		Post measles meningitis (disorder)
424306000		Exanthem caused by measles virus (disorder)
13420004		Post measles otitis media (disorder)
111872008		Post measles encephalitis (disorder)
191727003		Post measles pneumonia (disorder)

## Mumps

<b>SNOMED Identifier (SCTID)</b>	<b>CT</b>	<b>Description</b>
36989005		Mumps (disorder)

## Rubella

<b>SNOMED Identifier (SCTID)</b>	<b>CT</b>	<b>Description</b>
51490003		Disease caused by Rubivirus (disorder)
186570004		Rubella deafness (disorder)
277138006		Rubella arthralgia (disorder)

## Pneumonia or Pneumonitis

<b>SNOMED Identifier (SCTID)</b>	<b>CT</b>	<b>Description</b>
186342000		Pulmonary Mycobacterium avium complex infection (disorder)
184431000119108		Acute pneumonia due to coccidioidomycosis (disorder)
233604007		Pneumonia (disorder)
<i>Excluding</i>		<i>Excluding</i>
105977003		Non-infectious pneumonia (disorder)
422588002		Aspiration pneumonia (disorder)
700249006		Idiopathic interstitial pneumonia (disorder)
708031000		Idiopathic eosinophilic pneumonia (disorder)
31920006		Hemorrhagic varicella pneumonitis (disorder)
46207001		Pneumonitis caused by acquired toxoplasmosis (disorder)
47082005		Congenital rubella pneumonitis (disorder)
73995006		Pulmonary paracoccidioidomycosis (disorder)

81164001	Ornithosis with pneumonia (disorder)
88036000	Primary pulmonary coccidioidomycosis (disorder)
187066009	Primary pulmonary blastomycosis (disorder)
187069002	Acute pulmonary blastomycosis (disorder)
187196002	Toxoplasma pneumonitis (disorder)
205237003	Pneumonitis (disorder)
233606009	Atypical pneumonia (disorder)
233616001	Pulmonary blastomycosis (disorder)
12571000132104	Pneumonitis due to Herpes zoster (disorder)

## Chicken pox (varicella)

<b>SNOMED Identifier (SCTID)</b>	<b>CT</b>	<b>Description</b>
38907003		Varicella (disorder)
240468001		Neurological varicella (disorder)
31920006		Hemorrhagic varicella pneumonitis (disorder)
161423008		History of chickenpox (situation)
186509002		Postvaricella encephalitis (disorder)
195911009		Chickenpox pneumonia (disorder)
416718008		Varicella-zoster virus eyelid dermatitis (disorder)
423333008		Exanthem due to varicella (disorder)
713250002		Gingival disease caused by varicella-zoster virus (disorder)
715223009		Fetal varicella syndrome (disorder)
734285001		Deoxyribonucleic acid of Varicella-zoster virus wild-type detected (finding)
734287009		Deoxyribonucleic acid of Varicella-zoster virus vaccine strain detected (finding)