

CDC Chicken Pox v1
Definition Factsheet & Technical Brief

New or Revised Definition: New

Date Created in ESSENCE: February 8, 2019

Authored by the NSSP Community of Practice.

Table 1. Inclusion and exclusion terms.

| Terms | Description |
|--|--|
| <i>Inclusion</i> | |
| International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) | |
| B01 | Varicella [chickenpox] |
| B01.0 | Varicella meningitis |
| B01.11 | Varicella encephalitis |
| B01.12 | Varicella myelitis |
| B01.2 | Varicella pneumonia |
| B01.8 | Varicella with other complications |
| B01.81 | Varicella keratitis |
| B01.89 | Other varicella complications |
| B01.9 | Varicella without complication |
| Z20.820 | Contact with and (suspected) exposure to varicella |
| SNOMED Concepts | |
| 24059009 | Acute cerebellar ataxia caused by varicella (disorder) |
| 402899000 | Anetoderma following varicella (disorder) |
| 90433002 | Congenital varicella infection (disorder) |
| 277644009 | Congenital varicella syndrome |
| 715223009 | Fetal varicella syndrome |
| 713250002 | Gingival disease caused by varicella-zoster virus |
| 31920006 | Hemorrhagic pneumonia caused by varicella (disorder) |
| 432721000124102 | Maternal varicella infection |
| 428591000124108 | Maternal varicella infection |
| 240468001 | Neurological varicella |
| 240469009 | Perinatal varicella |
| 38907003 | Varicella |
| 186508005 | Varicella infection (& [chickenpox]) (disorder) |

| Terms | Description |
|--|--|
| 154325003 | Varicella infection (disorder) |
| 192732000 | Varicella transverse myelitis (disorder) |
| 186513009 | Varicella with no complication NOS (disorder) |
| 186511006 | Varicella with other specified complications (disorder) |
| 186512004 | Varicella with unspecified complications NOS (disorder) |
| 416718008 | Infection of skin of eyelid due to herpes zoster |
| 309465005 | Varicella-zoster virus infection (disorder) |
| 187419000 | [X]Varicella with other complications (disorder) |
| 187420006 | [X]Varicella without complications (disorder) |
| 186509002 | Postvaricella encephalitis |
| 195911009 | Chickenpox pneumonia |
| 410509003 | Herpes zoster conjunctivitis |
| 19551004 | Varicellovirus humanalpha3 |
| 80298008 | Varicellovirus |
| 186510007 | Chickenpox pneumonia (disorder) |
| 23737006 | Chickenpox with complication |
| 111858004 | Chickenpox with other specified complications (disorder) |
| Chief Complaint | |
| chickenpox | |
| chicken pox | |
| varicella | |
| pocks | |
| chik_po | |
| <i>Exclusion</i> | |
| International Classification of Diseases, Tenth Revision, Clinical Modification (ICD-10-CM) | |
| Z23 | Encounter for immunization |
| Z20.828 | Contact with and (suspected) exposure to other viral communicable diseases |
| Z00.129 | Encounter for routine child health examination without abnormal findings |
| SNOMED Concepts | |
| 138696001 | H/O: chickenpox (situation) |
| 161423008 | H/O: chickenpox |
| 444453009 | Exposure to varicella |

| Terms | Description |
|-----------------|---|
| 10491005 | Herpes zoster meningitis |
| 147732005 | Varicella contact (finding) |
| 432636005 | Administration of vaccine product containing only Human alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and Rubella virus antigens (procedure) |
| 433733003 | Administration of second dose of vaccine product containing only Human alphaherpesvirus 3 and Measles morbillivirus and Mumps orthorubulavirus and Rubella virus antigens (procedure) |
| 116813009 | Administration of Varicella virus immune globulin |
| 451331000124106 | Adverse reaction caused by varicella virus live vaccine (disorder) |
| 333768004 | Anti-varicella-zoster ig injection (product) |
| 425897001 | Administration of first dose of Varicella-zoster vaccine for chickenpox |
| 473164004 | History of varicella vaccination |
| 710704003 | Immunoglobulin M antibody to Varicellovirus humanalpha3 (substance) |
| 116868008 | Intramuscular injection of Varicella virus immune globulin (procedure) |
| 419550004 | Measles + mumps + rubella + varicella vaccine (product) |
| 419771007 | Measles/mumps/rubella/varicella vaccine powder and solvent for injection solution vial (product) |
| 104326007 | Measurement of Varicella-zoster virus antibody (procedure) |
| 703344003 | Requires varicella vaccination (finding) |
| 428502009 | Administration of second dose of Varicella-zoster vaccine for chickenpox |
| 390755008 | Serologic test for Varicella-zoster virus (procedure) |
| 371113008 | Varicella immune |
| 371108009 | Varicella non-immune |
| 413117001 | Varicella status (finding) |
| 68525005 | Varicella vaccination (procedure) |
| 6031000175102 | Varicella-zoster vaccination for chickenpox not done (situation) |
| 122248009 | Varicella virus antigen assay (procedure) |
| 122202000 | Varicella virus culture (procedure) |
| 121197005 | Deoxyribonucleic acid of Varicella virus (substance) |
| 122306004 | Varicella virus deoxyribonucleic acid assay (procedure) |
| 122293001 | Varicella virus identification (procedure) |
| 116814003 | Varicella virus immune globulin issued (situation) |
| 412530002 | Varicella virus live vaccine (product) |
| 412529007 | Varicella virus live vaccine (substance) |

| Terms | Description |
|-----------|--|
| 108729007 | Varicella virus vaccine (product) |
| 396442000 | Varicella virus vaccine (substance) |
| 377005004 | Varicella virus vaccine live 1350pfu powder (product) |
| 377008002 | Varicella virus vaccine live 1350pfu/0.5mL powder (product) |
| 366846003 | Varicella zoster antibody level (procedure) |
| 166226001 | Varicella zoster IgM level (procedure) |
| 395187004 | Varicella zoster nucleic acid detection (finding) |
| 392854005 | Varicella zoster nucleic acid detection (procedure) |
| 703486008 | Immunoglobulin G antibody to Varicellovirus humanalpha3 (substance) |
| 134451006 | Varicella-zoster antibody level (procedure) |
| 165975001 | Varicella-zoster IgG level (procedure) |
| 62294009 | Product containing Varicella-zoster virus antibody (medicinal product) |
| 421804006 | Varicella-zoster immune globulin 125 iu powder for injection solution vial (product) |
| 333775003 | Product containing precisely Varicella-zoster virus antibody 250 milligram/1 vial powder for conventional release solution for injection (clinical drug) |
| 333771007 | Product containing precisely Varicella-zoster virus antibody 500 milligram/1 vial powder for conventional release solution for injection (clinical drug) |
| 293103002 | Varicella-zoster immunoglobulin adverse reaction (disorder) |
| 294639003 | Allergy to Varicella-zoster virus antibody (finding) |
| 407746005 | Varicella-zoster live attenuated vaccine (product) |
| 407933006 | Varicella-zoster live attenuated vaccine injection (pdr for recon)+solvent (product) |
| 424778000 | Varicella-zoster live attenuated vaccine powder 0.65mL vial + diluent (product) |
| 398503008 | Varicella-zoster nucleic acid assay (procedure) |
| 407737004 | Varicella-zoster vaccine (product) |
| 259858000 | Antibody to Varicellovirus humanalpha3 (substance) |
| 313587003 | Varicella-zoster virus antibody immunoglobulin G measurement (procedure) |
| 315231005 | Varicella-zoster virus antibody immunoglobulin M measurement (procedure) |
| 260214004 | Antigen of Varicellovirus humanalpha3 (substance) |
| 252349000 | Varicella-zoster virus T-lymphocyte stimulation (procedure) |
| 120729003 | Varicellavirus antibody (substance) |
| 122141009 | Varicellavirus antibody assay (procedure) |
| 121005009 | Varicellavirus antigen (substance) |
| 445133005 | Detection of Human herpesvirus 3 using polymerase chain reaction technique (procedure) |

| Terms | Description |
|-----------------|---|
| 366768003 | Varicella zoster antibody level (procedure) |
| 143590001 | Varicella zoster IgM level (procedure) |
| 143362001 | Varicella-zoster IgG level (procedure) |
| 413138007 | Chickenpox vaccination (procedure) |
| Chief Complaint | |
| vaccin | |
| prophyla | |
| inocu | |
| shingles | |
| shot | |
| immunization | |
| inject | |
| meningitis | |
| titer | |

Table 2. ESSENCE syntax.

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(, (^chickenpox^,or,^chicken pox^,or,^varicella^,or,^pocks^,or,^chik_po^),or,^;/ ]B01^,or,
(^;/ ]Z20.820^,or,^;/ ]Z20820^,or,^;/ ]24059009^,or,^;/ ]402899000^,or,^;/ ]90433002^,or,^;/ ]277644009^,or,^;/
]715223009^,or,^;/ ]713250002^,or,^;/ ]31920006^,or,^;/ ]432721000124102^,or,^;/ ]428591000124108^,or,^;/
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9000^,or,^;/ ]187420006^,or,^;/ ]186509002^,or,^;/ ]195911009^,or,^;/ ]410509003^,or,^;/ ]19551004^,or,^;/ ]8
0298008^,or,^;/ ]186510007^,or,^;/ ]23737006^,or,^;/ ]111858004^,)),ANDNOT,
(^vaccin^,or,^prophyla^,or,^inocu^,or,^shingles^,or,^shot^,or,^immunization^,or,^inject^,or,^meningitis^,or,^titer^,
or,^;/ ]Z23^,or,^;/ ]Z20.828^,or,^;/ ]Z20828^,or,^;/ ]Z00129^,or,^;/ ]Z00.129^,or,^;/ ]138696001^,or,^;/ ]161423
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