

S1 Table: ICD-10-GM codes related to an infection for case selection

| ICD-10-GM code | ICD-10-GM code description |
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| <u>I - Certain infectious and parasitic diseases</u> | |
| A00-A09 | Intestinal infectious diseases |
| A15-A19 | Tuberculosis |
| A20-A28 | Certain zoonotic bacterial diseases |
| A30-A49 | Other bacterial diseases |
| A50-A64 | Infections with a predominantly sexual mode of transmission |
| A70-A74 | Other diseases caused by chlamydia |
| A75-A79 | Rickettsioses |
| A92-A99 | Arthropod-borne viral fevers and viral hemorrhagic fevers |
| B00 | Herpes viral [herpes simplex] infections |
| B01 | Varicella [chickenpox] |
| B02 | Zoster [herpes zoster] |
| B05 | Measles |
| B06 | Rubella [German measles] |
| B15-B19 | Viral hepatitis |
| B25-B34 | Other viral diseases |
| B37 | Candidiasis |
| B38 | Coccidioidomycosis |
| B39 | Histoplasmosis |
| B40 | Blastomycosis |
| B44 | Aspergillosis |
| B49 | Unspecified mycosis |
| B50-B64 | Protozoal diseases |
| B99 | Other infectious diseases |
| <u>VI - Diseases of the nervous system</u> | |
| G00 | Bacterial meningitis, not elsewhere classified |
| G01 | Meningitis in bacterial diseases classified elsewhere |
| G02 | Meningitis in other infectious and parasitic diseases classified elsewhere |
| G04 | Encephalitis, myelitis and encephalomyelitis |
| G05 | Encephalitis, myelitis and encephalomyelitis in diseases classified elsewhere |
| G06 | Intracranial and intraspinal abscess and granuloma |
| G07 | Intracranial and intraspinal abscess and granuloma in diseases classified elsewhere |
| G08 | Intracranial and intraspinal phlebitis and thrombophlebitis |
| <u>VII - Diseases of the eye and adnexa</u> | |
| H05.0 | Acute inflammation of orbit |
| H44.0 | Purulent endophthalmitis |
| <u>VIII - Diseases of the ear and mastoid process</u> | |
| H60.2 | Malignant otitis externa |
| H70.0 | Acute mastoiditis |
| <u>IX - Diseases of the circulatory system</u> | |
| I30.1 | Infective pericarditis |
| I33.0 | Acute and subacute infective endocarditis |
| I40.0 | Infective myocarditis |
| <u>X - Diseases of the respiratory system</u> | |
| J01 | Acute sinusitis |
| J02 | Acute pharyngitis |
| J03 | Acute tonsillitis |
| J04 | Acute laryngitis and tracheitis |
| J06 | Acute upper respiratory infections of multiple and unspecified sites |
| J09-J18 | Influenza and pneumonia |
| J20-22 | Other acute lower respiratory infections |
| J36 | Peritonsillar abscess |

| ICD-10-GM code | ICD-10-GM code description |
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| J39.0 | Retropharyngeal and parapharyngeal abscess |
| J39.1 | Other abscess of pharynx |
| J44.0 | Chronic obstructive pulmonary disease with acute lower respiratory infection |
| J47.0 | Bronchiectasis |
| J85-J86 | Suppurative and necrotic conditions of lower respiratory tract |
| J98.50 | Mediastinitis |
| XI - Diseases of the digestive system | |
| K10.2 | Inflammatory conditions of jaws |
| K11.3 | Abscess of salivary gland |
| K12.2 | Cellulitis and abscess of mouth |
| K35 | Acute appendicitis |
| K57.0 | Diverticular disease of small intestine with perforation and abscess |
| K57.2 | Diverticular disease of large intestine with perforation and abscess |
| K57.4 | Diverticular disease of both small and large intestine with perforation and abscess |
| K57.8 | Diverticular disease of intestine, part unspecified, with perforation and abscess |
| K61 | Abscess of anal and rectal regions |
| K63.0 | Abscess of intestine |
| K63.1 | Perforation of intestine (nontraumatic) |
| K65 | Peritonitis |
| K75.0 | Abscess of liver |
| K75.1 | Phlebitis of portal vein |
| K81.0 | Acute cholecystitis |
| K83.0 | Cholangitis |
| XII - Diseases of the skin and subcutaneous tissue | |
| L00 | Staphylococcal scalded skin syndrome |
| L01 | Impetigo |
| L02 | Cutaneous abscess, furuncle and carbuncle |
| L03 | Cellulitis |
| L04 | Acute lymphadenitis |
| L05 | Pilonidal cyst |
| L08 | Other local infections of skin and subcutaneous tissue |
| L88 | Pyoderma gangrenosum |
| XIII - Diseases of the musculoskeletal system and connective tissue | |
| M00 | Pyogenic arthritis |
| M01 | Direct infections of joint in infectious and parasitic diseases classified elsewhere |
| M46.2 | Osteomyelitis of vertebra |
| M46.3 | Infection of intervertebral disc (pyogenic) |
| M46.5 | Other infective spondylopathies |
| M60.0 | Infective myositis |
| M72.6 | Necrotizing fasciitis |
| M86 | Osteomyelitis |
| XIV - Diseases of the genitourinary system | |
| N10 | Acute tubulo-interstitial nephritis |
| N30.0 | Acute cystitis |
| N30.8 | Other cystitis |
| N30.9 | Cystitis, unspecified |
| N39.0 | Urinary tract infection, site not specified |
| N41.0 | Acute prostatitis |
| N41.2 | Abscess of prostate |
| N41.3 | Prostatocystitis |
| N41.8 | Other inflammatory diseases of prostate |
| N45 | Orchitis and epididymitis |
| N70-77 | Inflammatory diseases of female pelvic organs |

| ICD-10-GM code | ICD-10-GM code description |
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XV - Pregnancy, childbirth and the puerperium

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| O03.0 | Spontaneous abortion : incomplete, complicated by genital tract and pelvic infection |
| O03.5 | Spontaneous abortion : complete or unspecified, complicated by genital tract and pelvic infection |
| O04.0 | Medical abortion : incomplete, complicated by genital tract and pelvic infection |
| O05.0 | Other abortion : incomplete, complicated by genital tract and pelvic infection |
| O06.0 | Unspecified abortion : incomplete, complicated by genital tract and pelvic infection |
| O07.0 | Failed medical abortion, complicated by genital tract and pelvic infection |
| O08.0 | Genital tract and pelvic infection following abortion and ectopic and molar pregnancy |
| O23 | Infections of genitourinary tract in pregnancy |
| O41.1 | Infection of amniotic sac and membranes |
| O75.3 | Other infection during labour |
| O85 | Puerperal sepsis |
| O86 | Other puerperal infections |

XVIII - Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified

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| R57.2 | Septic shock |
| R65.0 | Systemic Inflammatory Response Syndrome of infectious origin without organ failure |
| R65.1 | Systemic Inflammatory Response Syndrome of infectious origin with organ failure |

XIX - Injury, poisoning and certain other consequences of external causes

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| T79.3 | Post-traumatic wound infection, not elsewhere classified |
| T82.x - T85.x | Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts |

International Classification of Diseases, 10th revision, German modification (ICD-10-GM) codes with diagnosis related to an infection used for appropriate case selection in context with the ICD abstraction strategy.