eTable 2. Major complications as defined by Canadian Classification of Health Intervention codes, International Statistical Classification of Diseases-10 codes, and/or Ontario Health Insurance Plan physician billing codes

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Complication** | **ICD-10 diagnostic codes** | **Description** | **ICD-10 procedure codes (CCI)** | **Description** | **OHIP fee codes** | **Description** | **Exclusions** | **Description** |
|   |   |   |   |   |  |  |   |  |
| **Respiratory Complications** | J150 | Pneumonia due to Klebsiella pneumonia |   |   |   |   |   |   |
|   | J151 | Pneumonia due to Pseudomonas |   |   |   |   |   |   |
|   | J152 | Pneumonia due to Staphylococcus |   |   |   |   |   |   |
|   | J155 | Pneumonia due to Escherichia coli |   |   |   |   |   |   |
|   | J156 | Pneumonia due to other aerobic Gram-negative bacteria; Includes: Pneumonia due to Serratia marcescens |   |   |   |   |   |   |
|   | J159 | Bacterial pneumonia unspecified |   |   |   |   |   |   |
|   | J181 | Lobar pneumonia unspecified |   |   |   |   |   |   |
|   | J210 | Acute bronchiolitis due to respiratory syncytial virus |   |   |   |   |   |   |
|   | J3801 | Paralysis of vocal cords and larynx, unilateral |   |   |   |   |   |   |
|   | J3802 | Paralysis of vocal cords and larynx, bilateral |   |   |   |   |   |   |
|   | J3809 | Paralysis of vocal cords and larynx, unspecified whether unilateral or bilateral |   |   |   |   |   |   |
|   | J690 | Pneumonitis due to food and vomit |   |   |   |   |   |   |
|   | J698 | Pneumonitis due to other solids and liquids |   |   |   |   |   |   |
|   | J853 | Abscess of mediastinum |   |   |   |   |   |   |
|   | J860 | Pyothorax with fistula |   |   |   |   |   |   |
|   | J869 | Pyothorax without fistula |   |   |   |   |   |   |
|   | J942 | Haemothorax |   |   |   |   |   |   |
|   | J9500 | Haemorrhage from tracheostomy stoma |   |   |   |   |   |   |
|   | J9501 | Infection of tracheostomy stoma |   |   |   |   |   |   |
|   | J9502 | Malfunction of tracheostomy stoma |   |   |   |   |   |   |
|   | J9503 | Tracheo-esophageal fistula following tracheostomy |   |   |   |   |   |   |
|   | J9508 | Other tracheostomy complication |   |   |   |   |   |   |
|   | J951 | Acute pulmonary insufficiency following thoracic surgery |   |   |   |   |   |   |
|   | J952 | Acute pulmonary insufficiency following nonthoracic surgery |   |   |   |   |   |   |
|   | J955 | Postprocedural subglottic stenosis |   |   |   |   |   |   |
|   | J9580 | Postprocedural pneumothorax |   |   |   |   |   |   |
|   | J9581 | Transfusion related acute lung injury (TRALI) |   |   |   |   |   |   |
|   | J9588 | Other postprocedural respiratory disorders |   |   |   |   |   |   |
|   | J959 | Postprocedural respiratory disorder, unspecified |   |   |   |   |   |   |
|   | J960 | Acute respiratory failure |   |   |   |   |   |   |
|   | S202 | Contusion of thorax |   |   |   |   |   |   |
|   | S22200 | Fracture of sternum; closed |   |   |   |   |   |   |
|   | S22300 | Fracture of rib; closed |   |   |   |   |   |   |
|   | S22400 | Multiple fractures of 2 - 4 ribs; closed |   |   |   |   |   |   |
|   | S22410 | Multiple fractures of 5 or more ribs; closed |   |   |   |   |   |   |
|   | S22490 | Multiple fractures of unspecified number of ribs; closed |   |   |   |   |   |   |
|   | S27000 | Traumatic pneumothorax, without open wound into thoracic cavity |   |   |   |   |   |   |
|   | S27001 | Traumatic pneumothorax, with open wound into thoracic cavity |   |   |   |   |   |   |
|   | S27100 | Traumatic haemothorax, without open wound into thoracic cavity |   |   |   |   |   |   |
|   | S27200 | Traumatic haemopneumothorax, without open wound into thoracic cavity |   |   |   |   |   |   |
|   | S27300 | Contusion and haematoma of lung; Without open wound into thoracic cavity |   |   |   |   |   |   |
|   | S27310 | Laceration and puncture of lung; Includes: Minor, moderate, major lacerations, puncture, traumatic rupture; Without open wound into thoracic cavity |   |   |   |   |   |   |
|   | T173 | Foreign body in larynx |   |   |   |   |   |   |
|   | T174 | Foreign body in trachea |   |   |   |   |   |   |
|   | T175 | Foreign body in bronchus |   |   |   |   |   |   |
|   | T178 | Foreign body in other and multiple parts of respiratory tract |   |   |   |   |   |   |
|   | T179 | Foreign body in respiratory tract, part unspecified |   |   |   |   |   |   |
|   | T71 | Asphyxiation |   |   |   |   |   |   |
|   | T797 | Traumatic subcutaneous emphysema |   |   |   |   |   |   |
|   | T8181 | Emphysema (subcutaneous) resulting from a procedure |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |  |
| Acute renal failure  | N170 | Acute renal failure with tubular necrosis |   |   |   |   | Not any of following OHIP codes in last year |   |
| N171 | Acute renal failure with acute cortical necrosis |   |   |   |   | G860 | Hospital haemodialysis |
| N172 | Acute renal failure with medullary necrosis |   |   |   |   | G861 | Hospital peritoneal dialysis |
| N178 | Other acute renal failure |   |   |   |   | G862 | Hospital self­care haemodialysis or satellite haemodialysis |
|   |   |   |   |   |   | G863 | Independent health facility haemodialysis |
| N179 | Acute renal failure, unspecified |   |   |   |   | G864 | Home peritoneal dialysis. |
|  |  |   |   |   |   | G865 | Home haemodialysis |
|  |  |   |   |   |   | G866 | Intermittent haemodialysis ­ at an auxiliary treatment centre |
|   |   |   |   |   |   |   |   |  |
| New-onset hemodialysis |   |   |   |   | G083 | Continuous venovenous haemodialysis ­ initial and acute (for the first 3 services) | Not any of following OHIP codes in last year |   |
|   |   |   |   | G085 | Continuous venovenous haemofiltration ­ initial and acute (for the first 3 services) | G860 | Hospital haemodialysis |
|   |   |   |   | G082 | Continuous venovenous haemodiafiltration ­ initial and acute (for the first 3 services) | G861 | Hospital peritoneal dialysis |
|   |   |   |   | G090 | Venovenous slow continuous ultrafiltration ­ initial and acute (for the first 3 services) | G862 | Hospital self­care haemodialysis or satellite haemodialysis |
|   |   |   |   | R849 | Initial and acute (includes both medical and surgical components | G863 | Independent health facility haemodialysis |
|   |   |   |   | G323 | Acute, repeat ­ for the first 3 services | G864 | Home peritoneal dialysis. |
|   |   |   |   | G093 | Haemodiafiltration - Contin. Init & Acute (repeatx3) | G865 | Home haemodialysis |
|   |   |   |   | G095 | Slow Continuous Ultra Filtration - Initial & Acute (repeat) | G866 | Intermittent haemodialysis ­ at an auxiliary treatment centre |
|   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |
| **Bleeding** | T810 | Haemorrhage and haematoma complicating a procedure, not elsewhere classified | 1LZ19HHU1A | Transfusion, circulatory system NEC using autologous transfusion of red cell concentrates |   |   |   |  |
| R58 | Haemorrhage, not elsewhere classified | 1LZ19HHU1J | Transfusion, circulatory system NEC using homologous transfusion of red cell concentrates |   |   |   |  |
|   |   | 1LZ19HHU2A | Transfusion, circulatory system NEC using autologous transfusion of plasma (fresh, frozen, stored) |   |   |   |  |
|   |   | 1LZ19HHU2J | Transfusion, circulatory system NEC using homologous transfusion of plasma (fresh, frozen, stored) |   |   |   |  |
|   |   | 1LZ19HHU4J | Transfusion, circulatory system NEC using homologous transfusion of platelets |   |   |   |  |
|   |   | 1LZ19HHU5J | Transfusion, circulatory system NEC using homologous transfusion of cryoprecipitate |   |   |   |  |
|   |   | 1LZ19HHU9A | Transfusion, circulatory system NEC using autologous transfusion of whole blood |   |   |   |  |
|   |   | 1LZ19HHU9J | Transfusion, circulatory system NEC using homologous transfusion of whole blood |   |   |   |  |
|   |   |   |   |   |   |   |  |
| D62 | Acute posthaemorrhagic anaemia |   |   |   |   |   |  |
| D683 | Haemorrhagic disorder due to circulating anticoagulants; Includes: longterm use of anticoagulants, warfarin or like drugs, Hyperheparinaemia increase in anti-IXa, VIIIa, Xa, Xia, antithrombin, non-traumatic hematoma due to circulating anticoagulants |   |   |   |   |   |  |
| J942 | Haemothorax |   |   |   |   |   |  |
| J9500 | Haemorrhage from tracheostomy stoma |   |   |   |   |   |  |
| S064 | Epidural haemorrhage |   |   |   |   |   |  |
| S065 | Traumatic subdural haemorrhage |   |   |   |   |   |  |
| S066 | Traumatic subarachnoid haemorrhage |   |   |   |   |   |  |
| S27100 | Traumatic haemothorax, without open wound into thoracic cavity |   |   |   |   |   |  |
| S27200 | Traumatic haemopneumothorax, without open wound into thoracic cavity |   |   |   |   |   |  |
| S27300 | Contusion and haematoma of lung; Without open wound into thoracic cavity |   |   |   |   |   |  |
| S36090 | Haematoma NOS, laceration NOS, injury to spleen NOS; Without open wound into cavity |   |   |   |   |   |  |
| S36091 | Haematoma NOS, laceration NOS, injury to spleen NOS; With open wound into cavity |   |   |   |   |   |  |
| S36150 | Liver haematoma NOS, laceration NOS, injury to liver NOS; Without open wound into cavity |   |   |   |   |   |  |
| S36151 | Liver haematoma NOS, laceration NOS, injury to liver NOS; With open wound into cavity |   |   |   |   |   |  |
| S36800 | Haematoma of other intra-abdominal organs; Without open wound into cavity |   |   |   |   |   |  |
| S36810 | Laceration of other intra-abdominal organs; Without open wound into cavity |   |   |   |   |   |  |
| S37000 | Haematoma of kidney; Without open wound into cavity |   |   |   |   |   |  |
| S37300 | Haematoma of urethra; Without open wound into cavity |   |   |   |   |   |  |
| T792 | Traumatic secondary and recurrent haemorrhage |   |   |   |   |   |  |
| **Venous thromboembolic events** | I260 | Pulmonary embolism with mention of acute cor pulmonale |   |   |   |   |   |  |
| I269 | Pulmonary embolism without mention of acute cor pulmonale |   |   |   |   |   |  |
| I801 | Phlebitis & thrombophlebitis of femoral vein |   |   |   |   |   |  |
| I802 | Phlebitis and thrombophlebitis of other deep vessels of lower extremities (Includes: Deep vein thrombosis NOS) |   |   |   |   |   |  |
| I822 | Embolism and thrombosis of vena cava |   |   |   |   |   |  |
|   |   |   |  |   |  |  |  |
| **Cardiac complications** | I200 | Unstable angina |   |  |   |  |  |  |
| I201 | Angina pectoris with documented spasm |   |  |   |  |  |  |
| I2088 | Other forms of angina pectoris |   |  |   |  |  |  |
| I209 | Angina pectoris unspecified |   |  |   |  |  |  |
| I210 | Acute transmural myocardial infarction of anterior wall |   |  |   |  |  |  |
| I211 | Acute transmural myocardial infarction of inferior wall |   |  |   |  |  |  |
| I212 | Acute transmural myocardial infarction of other sites |   |  |   |  |  |  |
| I213 | Acute transmural myocardial infarction of unspecified site |   |  |   |  |  |  |
| I214 | Acute subendocardial myocardial infarction (Includes: Non-Q-wave myocardial infarction) |   |  |   |  |  |  |
| I219 | Acute myocardial infarction unspecified |   |  |   |  |  |  |
| I220 | Subsequent myocardial infarction of anterior wall |   |  |   |  |  |  |
| I221 | Subsequent myocardial infarction of inferior wall |   |  |   |  |  |  |
| I228 | Subsequent myocardial infarction of other sites |   |  |   |  |  |  |
| I229 | Subsequent myocardial infarction of unspecified site |   |  |   |  |  |  |
| I461 | Sudden cardiac death so described |   |  |   |  |  |  |
| I469 | Cardiac arrest unspecified |   |  |   |  |  |  |
| I472 | Ventricular tachycardia |   |  |   |  |  |  |
| I481 | Atrial flutter |   |  |   |  |  |  |
| I4900 | Ventricular fibrillation |   |   |   |   |   |  |
| I4901 | Ventricular flutter |   |   |   |   |   |  |
| I500 | Congestive heart failure |   |   |   |   |   |  |
| I501 | Left ventricular failure |   |   |   |   |   |  |
| I509 | Heart failure unspecified |   |   |   |   |   |  |
| J81 | Pulmonary oedema |   |   |   |   |   |  |
| S26811 | Laceration and puncture of heart; Includes: Minor, moderate, major lacerations, puncture, traumatic rupture; With open wound into thoracic cavity |   |   |   |   |   |  |
| T820 | Mechanical complication of heart valve prosthesis |   |   |   |   |   |  |
| T821 | Mechanical complication of cardiac electronic device |   |   |   |   |   |  |
| T822 | Mechanical complication of coronary artery bypass and valve grafts |   |   |   |   |   |  |
| T825 | Mechanical complication of other cardiac and vascular devices and implants |   |   |   |   |   |  |
| T826 | Infection and inflammatory reaction due to cardiac valve prosthesis |   |   |   |   |   |  |
| T827 | Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts |   |   |   |   |   |  |
| T828 | Other specified complications of cardiac and vascular prosthetic devices, implants and grafts |   |   |   |   |   |  |
| T829 | Unspecified complication of cardiac and vascular prosthetic device, implant and graft |   |   |   |   |   |  |
|   |   |   |   |   |   |   |  |
| Ventilator use for 48 hours or more  |   |   |   |   | G405 | CRIT.CARE VENTIL.SUPPORT-INTENS.CARE-PHYS.IN CHGE-1ST DAY |   |  |
|   |   |   |   |   | G557 | D/T PROC.COMPREHEN.INTENS.CRIT.VENT.SUP.PHYS.IN CHGE-1STDAY |   |  |
|   |   |   |   |   | G406 | CRIT.CARE VENT.SUPPORT INTENS.CARE PHYS IN CHGE 2ND TO 30thDAY |   |  |
|   |   |   |   |   | G558 | D/T PROC.COMP.INTENS.CRIT.VENT.PHYS.IN CHGE 2NDTO30THDAY |   |  |
|   |   |   |   |   |   |   |   |  |
|   |   |   |   |   |   | **REQUIRE (G405 OR G557) AND (G406 OR G558) for outcome to be true** |   |  |
|   |   |   |   |   |   |   |   |  |
| **Hospital-acquired infection** | A020 | Salmonella enteritis |   |   |   |   |   |  |
|  | A021 | Salmonella septicaemia |   |   |   |   |   |  |
|  | A044 | Other intestinal Escherichia coli infections |   |   |   |   |   |  |
|  | A045 | Campylobacter enteritis |   |   |   |   |   |  |
|  | A047 | Enterocolitis due to Clostridium difficile; includes: Foodborne intoxication by Clostridium difficile, Pseudomembranous colitis |   |   |   |   |   |  |
|  | A048 | Other specified bacterial intestinal infections |   |   |   |   |   |  |
|  | A049 | Bacterial intestinal infection, unspecified |   |   |   |   |   |  |
|  | A080 | Rotaviral enteritis |   |   |   |   |   |  |
|  | A081 | Acute gastroenteropathy due to Norwalk agent; includes: Small round structured virus enteritis |   |   |   |   |   |  |
|  | A410 | Sepsis due to Staphylococcus aureus |   |   |   |   |   |  |
|  | A411 | Sepsis due to other specified staphylococcus; includes: Sepsis due to coagulase-negative staphylococcus |   |   |   |   |   |  |
|  | A412 | Sepsis due to unspecified staphylococcus |   |   |   |   |   |  |
|  | A414 | Septicaemia due to anaerobes |   |   |   |   |   |  |
|  | A4150 | Sepsis due to Escherichia coli [E.coli] |   |   |   |   |   |  |
|  | A4151 | Sepsis due to Pseudomonas; includes: Pseudomonas aeroginosa |   |   |   |   |   |  |
|  | A4152 | Sepsis due to Serratia |   |   |   |   |   |  |
|  | A4158 | Sepsis due to other gram-negative organisms; includes: Gram-negative sepsis NOS |   |   |   |   |   |  |
|  | A4180 | Sepsis due to enterococcus; excludes: due to Streptococcus D (A40.2) |   |   |   |   |   |  |
|  | A4188 | Other specified septicaemia |   |   |   |   |   |  |
|  | A419 | Septicaemia unspecified |   |   |   |   |   |  |
|  | A490 | Staphylococcal infection, unspecified site |   |   |   |   |   |  |
|  | B309 | Viral conjunctivitis unspecified |   |   |   |   |   |  |
|  | B373 | Candidiasis of vulva and vagina |   |   |   |   |   |  |
|  | B374 | Candidiasis of other urogenital sites |   |   |   |   |   |  |
|  | B377 | Candidal septicaemia |   |   |   |   |   |  |
|  | B3780 | Candidal esophagitis |   |   |   |   |   |  |
|  | B3781 | Candidal enteritis |   |   |   |   |   |  |
|  | B956 | Staphylococcus aureus as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B957 | Other staphylococcus as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B958 | Unspecified staphylococcus as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B961 | Klebsiella pneumoniae [K. pneumoniae] as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B962 | Escherichia coli [E. coli] as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B964 | Proteus (mirabilis)(morganii) as the cause of diseases classified in other chapters |   |   |   |   |   |  |
|  | B965 | Pseudomonas (aeruginosa) as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B9681 | Enterococcus as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B9688 | Other specified bacterial agents as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | B974 | Respiratory syncytial virus as the cause of diseases classified to other chapters |   |   |   |   |   |  |
|  | G003 | Staphylococcal meningitis |   |   |   |   |   |  |
|  | J150 | Pneumonia due to Klebsiella pneumonia |   |   |   |   |   |  |
|  | J151 | Pneumonia due to Pseudomonas |   |   |   |   |   |  |
|  | J152 | Pneumonia due to Staphylococcus |   |   |   |   |   |  |
|  | J155 | Pneumonia due to Escherichia coli |   |   |   |   |   |  |
|  | J156 | Pneumonia due to other aerobic Gram-negative bacteria; *Includes:* Pneumonia due to Serratia marcescens |   |   |   |   |   |  |
|  | J159 | Bacterial pneumonia unspecified |   |   |   |   |   |  |
|  | J181 | Lobar pneumonia unspecified |   |   |   |   |   |  |
|  | J210 | Acute bronchiolitis due to respiratory syncytial virus |   |   |   |   |   |  |
|  | J853 | Abscess of mediastinum |   |   |   |   |   |  |
|  | J860 | Pyothorax with fistula |   |   |   |   |   |  |
|  | J869 | Pyothorax without fistula |   |   |   |   |   |  |
|  | J9501 | Infection of tracheostomy stoma |   |   |   |   |   |  |
|  | K650 | Acute peritonitis |   |   |   |   |   |  |
|  | N390 | Urinary tract infection, site not specified |   |   |   |   |   |  |
|  | N9951 | Infection of external stoma of urinary tract |   |   |   |   |   |  |
|   | R572 | septic shock |   |   |   |   |   |  |
|   | T814 | Infection following a procedure, not elsewhere classified |   |   |   |   |   |  |
|   | T826 | Infection and inflammatory reaction due to cardiac valve prosthesis |   |   |   |   |   |  |
|   | T827 | Infection and inflammatory reaction due to other cardiac and vascular devices, implants and grafts |   |   |   |   |   |  |
|   | T835 | Infection and inflammatory reaction due to prosthetic device, implant and graft in urinary system |   |   |   |   |   |  |
|   | T836 | Infection and inflammatory reaction due to prosthetic device, implant and graft in genital tract |   |   |   |   |   |  |
|   | T8453 | Infection and inflammatory reaction due to hip prosthesis |   |   |   |   |   |  |
|   | T8454 | Infection and inflammatory reaction due to knee prosthesis |   |   |   |   |   |  |
|   | T8460 | Infection and inflammatory reaction due to internal fixation device of humerus |   |   |   |   |   |  |
|   | T8461 | Infection and inflammatory reaction due to internal fixation device of radius and ulna |   |   |   |   |   |  |
|   | T8463 | Infection and inflammatory reaction due to internal fixation device of femur |   |   |   |   |   |  |
|   | T8464 | Infection and inflammatory reaction due to internal fixation device of tibia and fibula |   |   |   |   |   |  |
|   | T8465 | Infection and inflammatory reaction due to internal fixation device of bones of foot |   |   |   |   |   |  |
|   | T8468 | Infection and inflammatory reaction due to internal fixation device of bones at other site |   |   |   |   |   |  |
|   | T847 | Infection and inflammatory reaction due to other internal orthopaedic prosthetic devices, implants & grafts |   |   |   |   |   |  |
|   | T857 | Infection and inflammatory reaction due to other internal prosthetic devices, implants and grafts |   |   |   |   |   |  |
|   | T8742 | Infection of below knee amputation stump |   |   |   |   |   |  |
|   | T8746 | Infection of above knee amputation stump |   |   |   |   |   |  |
|   | T8747 | Infection of below knee amputation stump |   |   |   |   |   |  |
|   | T8748 | Infection of other amputation stump |   |   |   |   |   |  |
|  |   |   |   |   |   |   |   |  |
| Stroke  | H341 | Central retinal artery occlusion |   |   |   |   |   |  |
| I630 | Cerebral infarction due to thrombosis of precerebral arteries |   |   |   |   |   |  |
| I631 | Cerebral infarction due to embolism of precerebral arteries |   |   |   |   |   |  |
| I632 | Cerebral infarction due to unspecified occlusion or stenosis of precerebral arteries |   |   |   |   |   |  |
| I633 | Cerebral infarction due to thrombosis of cerebral arteries |   |   |   |   |   |  |
| I634 | Cerebral infarction due to embolism of cerebral arteries |   |   |   |   |   |  |
| I635 | Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries |   |   |   |   |   |  |
| I636 | Cerebral infarction due to cerebral venous thrombosis, nonpyogenic |   |   |   |   |   |  |
| I638 | Other cerebral infarction |   |   |   |   |   |  |
| I639 | Cerebral infarction, unspecified |   |   |   |   |   |  |
| I64 | Stroke, not specified as haemorrhage or infarction |   |   |   |   |   |  |
| I610 | Intracerebral haemorrhage in hemisphere, subcortical |   |   |   |   |   |  |
| I611 | Intracerebral haemorrhage in hemisphere, cortical |   |   |   |   |   |  |
| I612 | Intracerebral haemorrhage in hemisphere, unspecified |   |   |   |   |   |  |
| I613 | Intracerebral haemorrhage in brain stem |   |   |   |   |   |  |
| I614 | Intracerebral haemorrhage in cerebellum |   |   |   |   |   |  |
| I615 | Intracerebral haemorrhage, intraventricular |   |   |   |   |   |  |
| I616 | Intracerebral haemorrhage, multiple localized |   |   |   |   |   |  |
| I618 | Other intracerebral haemorrhage |   |   |   |   |   |  |
| I619 | Intracerebral haemorrhage, unspecified |   |   |   |   |   |  |
| I600 | Subarachnoid haemorrhage from carotid siphon and bifurcation |   |   |   |   |   |  |
| I601 | Subarachnoid haemorrhage from middle cerebral artery |   |   |   |   |   |  |
| I602 | Subarachnoid haemorrhage from anterior communicating artery |   |   |   |   |   |  |
| I603 | Subarachnoid haemorrhage from posterior communicating artery |   |   |   |   |   |  |
| I604 | Subarachnoid haemorrhage from basilar artery |   |   |   |   |   |  |
| I605 | Subarachnoid haemorrhage from vertebral artery |   |   |   |   |   |  |
| I606 | Subarachnoid haemorrhage from other intracranial arteries |   |   |   |   |   |  |
| I607 | Subarachnoid haemorrhage from intracranial artery, unspecified |   |   |   |   |   |  |
| I608 | Other subarachnoid haemorrhage |   |   |   |   |   |  |
| I609 | Subarachnoid haemorrhage, unspecified |   |   |   |   |   |  |
| G450 | Vertebro-basilar artery syndrome |   |   |   |   |   |  |
| G451 | Carotid artery syndrome (hemispheric) |   |   |   |   |   |  |
| G452 | Multiple and bilateral precerebral artery syndromes |   |   |   |   |   |  |
| G453 | Amaurosis fugax |   |   |   |   |   |  |
| G454 | Transient global amnesia |   |   |   |   |   |  |
| G458 | Other transient cerebral ischaemic attacks and related syndromes |   |   |   |   |   |  |
| G459 | Transient cerebral ischaemic attack, unspecified |   |   |   |   |   |  |
| **Complications Directly Related to Surgery** |   |   |   |   |   |   |   |  |
| M966 | Fracture of bone following insertion of orthopaedic implant, joint prosthesis, or bone plate |   |   |   |   |   |  |
| S26811 | Laceration and puncture of heart; Includes: Minor, moderate, major lacerations, puncture, traumatic rupture; With open wound into thoracic cavity |   |   |   |   |   |  |
| S27001 | Traumatic pneumothorax, with open wound into thoracic cavity |   |   |   |   |   |  |
| S36091 | Haematoma NOS, laceration NOS, injury to spleen NOS; With open wound into cavity |   |   |   |   |   |  |
| S36151 | Liver haematoma NOS, laceration NOS, injury to liver NOS; With open wound into cavity |   |   |   |   |   |  |
| S36411 | Laceration of duodenum (without bile duct injury); With open wound into cavity |   |   |   |   |   |  |
| S36461 | Laceration of small intestine, excluding duodenum; With open wound into cavity |   |   |   |   |   |  |
| S37111 | Laceration of ureter; With open wound into cavity |   |   |   |   |   |  |
| S37211 | Laceration of bladder; With open wound into cavity |   |   |   |   |   |  |
| S37311 | Laceration of urethra; With open wound into cavity |   |   |   |   |   |  |
| T810 | Haemorrhage and haematoma complicating a procedure, not elsewhere classified |   |   |   |   |   |  |
| T811 | Shock during or resulting from a procedure, not elsewhere classified |   |   |   |   |   |  |
| T812 | Accidental puncture and laceration during a procedure, not elsewhere classified |   |   |   |   |   |  |
| T813 | Disruption of operation wound, not elsewhere classified |   |   |   |   |   |  |
| T8152 | Perforation due to foreign body accidentally left in body cavity or operation wound following a procedure |   |   |   |   |   |  |
|  | T8158 | Other specified complication due to foreign body left in body cavity or operation wound following a procedure |   |   |   |   |   |  |
|  | T8159 | Unspecified complication due to foreign body accidentally left in body cavity or operation wound following a procedure |   |   |   |   |   |  |
|  | T816 | Acute reaction to foreign substance accidentally left during a procedure |   |   |   |   |   |  |
|  | T8181 | Emphysema (subcutaneous) resulting from a procedure |   |   |   |   |   |  |
|  | T8188 | Other complications of procedures, not elsewhere classified |   |   |   |   |   |  |
|  | T819 | Unspecified complication of procedure |   |   |   |   |   |  |
| **Severe life or major vital organ threatening adverse event** | G372 | Central pontine myelinolysis |   |   |   |   |   |  |
| I210 | Acute transmural myocardial infarction of anterior wall |   |   |   |   |   |  |
| I211 | Acute transmural myocardial infarction of inferior wall |   |   |   |   |   |  |
| I212 | Acute transmural myocardial infarction of other sites |   |   |   |   |   |  |
| I213 | Acute transmural myocardial infarction of unspecified site |   |   |   |   |   |  |
| I214 | Acute subendocardial myocardial infarction (Includes: Non-Q-wave myocardial infarction) |   |   |   |   |   |  |
| I219 | Acute myocardial infarction unspecified |   |   |   |   |   |  |
| I220 | Subsequent myocardial infarction of anterior wall |   |   |   |   |   |  |
| I221 | Subsequent myocardial infarction of inferior wall |   |   |   |   |   |  |
| I228 | Subsequent myocardial infarction of other sites |   |   |   |   |   |  |
| I229 | Subsequent myocardial infarction of unspecified site |   |   |   |   |   |  |
| I260 | Pulmonary embolism with mention of acute cor pulmonale |   |   |   |   |   |  |
| I461 | Sudden cardiac death so described |   |   |   |   |   |  |
| I469 | Cardiac arrest unspecified |   |   |   |   |   |  |
| I472 | Ventricular tachycardia |   |   |   |   |   |  |
| I4900 | Ventricular fibrillation |   |   |   |   |   |  |
| I4901 | Ventricular flutter |   |   |   |   |   |  |
| J960 | Acute respiratory failure |   |   |   |   |   |  |
| K223 | Perforation of oesophagus |   |   |   |   |   |  |
| K650 | Acute peritonitis |   |   |   |   |   |  |
| R570 | Cardiogenic shock |   |   |   |   |   |  |
| R571 | Hypovolaemic shock |   |   |   |   |   |  |
| R572 | septic shock |   |   |   |   |   |  |
| R578 | Other shock |   |   |   |   |   |  |
| T71 | Asphyxiation |   |   |   |   |   |  |
| T800 | Air embolism following infusion, transfusion and therapeutic injection |   |   |   |   |   |  |
| T805 | Anaphylactic shock due to serum |   |   |   |   |   |  |
| T811 | Shock during or resulting from a procedure, not elsewhere classified |   |   |   |   |   |  |
| T882 | Shock due to anaesthesia |   |   |   |   |   |  |
| T883 | Malignant hyperthermia due to anaesthesia |   |   |   |   |   |  |
| T884 | Failed or difficult intubation |   |   |   |   |   |  |
| T886 | Anaphylactic shock due to adverse effect of correct drug or medicament properly administered |   |   |   |   |   |  |
| Unplanned return to the operating room  |   | In DAD, if any INUNPL field is =='Y' any time AFTER the main intervention service date, then this outcome is true. |   |   |   |   |   |  |