**Table 1:** Pre-specified Adverse Events of Special Interest (AESI) and the ICD-10 Codes used for their identification, clean window and post-vaccination risk period(s).

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| --- | --- | --- | --- | --- | --- |
| # | AESI | Outcome | ICD-10 Codes | Clean Window | SCCS post-vaccination risk period(s) in days |
| 1 | **Guillain-Barre Syndrome (GBS)** | Acute (Post-) infective polyneuritis | G61.0 | 365 days | 1-42; 43-90 |
| Disorders of multiple cranial nerves| Polyneuritis cranialis | G52.7 |  |
| 2 | **Thrombocytopenia** | Thrombotic microangiopathy | M31.1 | 365 days | 1-21; 22-42 |
| Idiopathic thrombocytopenic purpura | D69.3 |  |
| Other primary thrombocytopenia | D69.4 |  |
| Secondary thrombocytopenia | D69.5 |  |
| Thrombocytopenia unspecified | D69.6 |  |
| 3 | **Facial nerve disorders including Bell’s Palsy** | Bell palsy | G51.0 | 183 days | 1-7; 8-42; 43-90 |
| Injury of facial nerve/7th cranial nerve | **G51** |  |
| 4 | **Deep Vein Thrombosis and Pulmonary Embolism** | Pulmonary embolism with mention of acute cor pulmonale | I26.0 | 365 days | 1-42 |
| Pulmonary embolism without mention of acute cor pulmonale | I26.9 |  |
| Phlebitis and thrombophlebitis of femoral vein | I80.1 |  |
| Phlebitis and thrombophlebitis of other deep vessels of lower extremities | I80.2 |  |
| Phlebitis and thrombophlebitis of lower extremities, unspecified | I80.3 |  |
| 5 | **Other Venous Thromboembolism** | Phlebitis and thrombophlebitis of other sites | I80.8 | 365 days | 1-42 |
| Phlebitis and thrombophlebitis of unspecified site | I80.9 |  |
| Portal vein thrombosis | I81 |  |
| Budd Chiari syndrome | I82.0 |  |
| Thrombophlebitis migrans | I82.1 |  |
| Embolism and thrombosis of vena cava | I82.2 |  |
| Embolism and thrombosis of renal vein | I82.3 |  |
| Embolism and thrombosis of other specified veins | I82.8 |  |
| Embolism and thrombosis of unspecified vein | I82.9 |  |
| Deep phlebothrombosis in pregnancy | D22.3 |  |
| 6 | **Intracranial Venous Thrombosis** | Cerebral infarction due to cerebral venous thrombosis, nonpyogenic | I63.6 | 365 days | 1-42 |
| Intracranial and intraspinal phlebitis and thrombophlebitis | G08 |  |
| Nonpyogenic thrombosis of intracranial venous system | I67.6 |  |
| 7 | **Disseminated Intravascular Coagulation** | Disseminated intravascular coagulation (defribrination syndrome) | D65 | 365 days | 1-21; 22-42 |
| 8 | **Narcolepsy** | Narcolepsy and cataplexy | G47.4 | 365 days | 1-42 |
| 9 | **Encephalitis including Acute Disseminated Encephalomyelitis (ADEM)** | Acute disseminated encephalitis | G040 | 183 days | 1-28 |
| Other encephalitis, myelitis and encephalomyelitis | G048 |  |
| Encephalitis, myelitis and encephalomyelitis, unspecified | G049 |  |
| Acute and subacute haemorrhagic leukoencephalitis | G36.1 |  |
| 10 | **Angina Pectoris** | Angina Pectoris | **I20** | 365 days | 1-28 |
| Unstable angina | I20.0 |  |
| Angina pectoris with documented spasm | I20.1 |  |
| Other forms of angina pectoris | I20.8 |  |
| Angina pectoris, unspecified | I20.9 |  |
| 11 | **Acute Myocardial Infarction** | Acute myocardial infarction | **I21** | 365 days | 1-7; 8-42 |
| Acute transmural myocardial infarction of anterior wall | I21.0 |  |
| Acute transmural myocardial infarction of inferior wall | I21.1 |  |
| Acute transmural myocardial infarction of other sites | I21.2 |  |
| Acute transmural myocardial infarction of unspecified site | I21.3 |  |
| Acute sub endocardial myocardial infarction | I21.4 |  |
| Acute myocardial infarction, unspecified | I21.9 |  |
| 12 | **Subsequent Myocardial Infarction** | Subsequent myocardial infarction | **I22** | 365 days | 1-7; 8-42 |
| Subsequent myocardial infarction of anterior wall | I22.0 |  |
| Subsequent myocardial infarction of inferior wall | I22.1 |  |
| Subsequent myocardial infarction of other sites | I22.8 |  |
| Subsequent myocardial infarction of unspecified site | I22.9 |  |
| 13 | **Acute Coronary Syndrome** | Haemopericardium as current complication following acute myocardial infarction | I23.0 | 365 days | 1-42 |
| Atrial septal defect as current complication following acute myocardial infarction | I23.1 |  |
| Ventricular septal defect as current complication following acute myocardial infarction | I23.2 |  |
| Rupture of cardiac wall without haemopericardium as current complication following acute myocardial infarction | I23.3 |  |
| Rupture of chordae tendineae as current complication following acute myocardial infarction | I23.4 |  |
| Rupture of papillary muscle as current complication following acute myocardial infarction | I23.5 |  |
| Thrombosis of atrium, auricular appendage, and ventricle as current complications following acute myocardial infarction | I23.6 |  |
| Other current complications following acute myocardial infarction | I23.8 |  |
| Coronary thrombosis not resulting in myocardial infarction | I24.0 |  |
| Dressler syndrome | I24.1 |  |
| Other forms of acute ischaemic heart disease/Acute coronary syndrome | I24.8 |  |
| Acute ischaemic heart disease, unspecified | syndrome | coronary | acute NEC | I24.9 |  |
| Acute myocardial infarction | I21 |  |
| Angina Pectoris | I20 |  |
| 14 | **Myocarditis and Pericarditis** | Acute pericarditis | **I30** | 365 days | 1-42 |
| Acute nonspecific idiopathic pericarditis | I30.0 |  |
| Other forms of acute pericarditis | I30.8 |  |
| Acute pericarditis, unspecified | I30.9 |  |
| Dressler syndrome | I24.1 |  |
| Cardiomyopathy due to drugs and other external agents | I42.7 |  |
| Acute myocarditis | **I40** |  |
| Isolated myocarditis | I40.1 |  |
| Other acute myocarditis | I40.8 |  |
| Acute myocarditis, unspecified | I40.9 |  |
| Myocarditis, unspecified | I51.4 |  |
| 15 | **Heart Failure** | Heart failure | **150** | 365 days | 1-42 |
| Congestive heart failure | I50.0 |  |
| Left ventricular failure | I50.1 |  |
| Heart failure, unspecified | I50.9 |  |
| 16 | **Transient Ischaemic Attack** | Transient cerebral ischaemic attacks and related syndromes | **G45** | 365 days | 1-42 |
| Vertebro-basilar artery syndrome | G45.0 |  |
| Carotid artery syndrome (hemispheric) | G45.1 |  |
| Multiple and bilateral precerebral artery syndromes | G45.2 |  |
| Amaurosis fugax | G45.3 |  |
| Transient global amnesia | G45.4 |  |
| Other transient cerebral ischaemic attacks and related syndromes | G45.8 |  |
| Transient cerebral ischaemic attack, unspecified | G45.9 |  |
| 17 | **Stroke (haemorrhagic)** | **Subarachnoid haemorrhage** | **I60** | 365 days | 1-7; 8-42 |
| Subarachnoid haemorrhage from carotid siphon and bifurcation | I60.0 |  |
| Subarachnoid haemorrhage from middle cerebral artery | I60.1 |  |
| Subarachnoid haemorrhage from anterior communicating artery | I60.2 |  |
| Subarachnoid haemorrhage from posterior communicating artery | I60.3 |  |
| Subarachnoid haemorrhage from basilar artery | I60.4 |  |
| Subarachnoid haemorrhage from vertebral artery | I60.5 |  |
| Subarachnoid haemorrhage from other intracranial arteries | I60.6 |  |
| Subarachnoid haemorrhage from intracranial artery, unspecified | I60.7 |  |
| Other subarachnoid haemorrhage | I60.8 |  |
| Subarachnoid haemorrhage, unspecified | I60.9 |  |
| **Intracerebral haemorrhage** | **I61** |  |
| Intracerebral haemorrhage in hemisphere, subcortical | I61.0 |  |
| Intracerebral haemorrhage in hemisphere, cortical | I61.1 |  |
| Intracerebral haemorrhage in hemisphere, unspecified | I61.2 |  |
| Intracerebral haemorrhage in brain stem | I61.3 |  |
| Intracerebral haemorrhage in cerebellum | I61.4 |  |
| Intracerebral haemorrhage, intraventricular | I61.5 |  |
| Intracerebral haemorrhage, multiple localized | I61.6 |  |
| Other intracerebral haemorrhage | I61.8 |  |
| Intracerebral haemorrhage, unspecified | I61.9 |  |
| **Intracranial haemorrhage** |  |  |
| Other non-traumatic intracranial haemorrhage | **I62** |  |
| Non traumatic subdural haemorrhage | I62.0 |  |
| Non traumatic extradural haemorrhage | I62.1 |  |
| Intracranial haemorrhage | I62.9 |  |
| 18 | **Multiple Sclerosis** | Multiple Sclerosis | G35 | 365 days | 1-42; 43-90 |
| Acute disseminated demyelination, unspecified | G36.9 |  |
| 19 | **Neuromyelitis Optica** | Neuromyelitis optica [Devic] | G36.0 | 365 days | 1-42 |
| 20 | **Other Arterial Thromboembolism** | Transient retinal artery occlusion | H34.0 | 365 days | 1-42 |
| Central retinal artery occlusion | H34.1 |  |
| Other retinal artery occlusions | H34.2 |  |
| Retinal vascular occlusion, unspecified | H34.9 |  |
| Embolism and thrombosis of abdominal aorta | I74.0 |  |
| Embolism and thrombosis of other and unspecified parts of aorta | I74.1 |  |
| Embolism and thrombosis of arteries of upper extremities | I74.2 |  |
| Embolism and thrombosis of arteries of lower extremities | I74.3 |  |
| Embolism and thrombosis of arteries of extremities, unspecified | I74.4 |  |
| Embolism and thrombosis of iliac artery | I74.5 |  |
| Embolism and thrombosis of other arteries | I74.8 |  |
| Embolism and thrombosis of unspecified artery | I74.9 |  |
| Ischaemia and infarction of kidney | N28.0 |  |
| 21 | **Optic Neuritis** | Optic neuritis NOS | H46 | 365 days | 1-42; 43-90 |
| 22 | **Transverse Myelitis** | Acute transverse myelitis in demyelinating disease of central nervous system | G37.3 | 365 days | 1-42; 43-90 |
| 23 | **Polyneuropathies and Peripheral Neuropathies** | Polyneuropathies and other disorders of the peripheral nervous system | G60-64 | 365 days | 1-42 |
| Hereditary and idiopathic neuropathy | **G60** |  |
| Inflammatory polyneuropathy | **G61** |  |
| Serum neuropathy | G61.1 |  |
| Other inflammatory polyneuropathies | G61.8 |  |
| Inflammatory polyneuropathy, unspecified | G61.9 |  |
| Other neuropathies | **G62** |  |
| Polyneuropathy in diseases classified elsewhere | **G63** |  |
| Other disorders of peripheral nervous system | **G64** |  |
| Idiopathic peripheral autonomic neuropathy | G90.0 |  |
| Disorder of autonomic nervous system, unspecified | G90.9 |  |
| 24 | **Rheumatoid Arthritis and Polyarthritis** | **Seropositive rheumatoid arthritis** | **M05** | 365 days | 1-42; 43-90 |
| Felty syndrome | M05.0 |  |
| Rheumatoid lung disease | M05.1 |  |
| Rheumatoid vasculitis | M05.2 |  |
| Rheumatoid arthritis with involvement of other organs and systems | M05.3 |  |
| Other seropositive rheumatoid arthritis | M05.8 |  |
| Seropositive rheumatoid arthritis, unspecified | M05.9 |  |
| Other rheumatoid arthritis | **M06** |  |
| Seronegative rheumatoid arthritis | M06.0 |  |
| Adult-onset Still disease | M06.1 |  |
| Rheumatoid bursitis | M06.2 |  |
| Rheumatoid nodule | M06.3 |  |
| Inflammatory polyarthropathy | M06.4 |  |
| Other specified rheumatoid arthritis | M06.8 |  |
| Rheumatoid arthritis, unspecified | M06.9 |  |
| 25 | **Myasthenia Gravis** | Myasthenia gravis and other myoneural disorders | **G70** | 365 days | 1-42 |
| Myasthenia gravis | G70.0 |  |
| Myoneural disorder, unspecified | G70.9 |  |
| Myasthenic syndromes in other diseases classified elsewhere | G73.3 |  |
| 26 | **Autoimmune Thyroiditis** | autoimmune thyroiditis | E06.3 | 365 days | 1-42; 43-90 |
| thyroiditis, unspecified | E06.9 |  |
| Postpartum thyroiditis | O90.5 |  |
| 27 | **Seizures** | Epilepsy | **G40** | 28 days | 0-6 |
| Localization-related (focal)(partial) idiopathic epilepsy and epileptic syndromes with seizures of localized onset | G40.0 |  |
| Localization-related (focal)(partial) symptomatic epilepsy and epileptic syndromes with simple partial seizures | G40.1 |  |
| Localization-related (focal)(partial) symptomatic epilepsy and epileptic syndromes with complex partial seizures | G40.2 |  |
| Generalized idiopathic epilepsy and epileptic syndromes | G40.3 |  |
| Other generalized epilepsy and epileptic syndromes | G40.4 |  |
| Special epileptic syndromes | G40.5 |  |
| Grand mal seizures, unspecified (with or without petit mal) | G40.6 |  |
| Petit mal, unspecified, without grand mal seizures | G40.7 |  |
| Other epilepsy | G40.8 |  |
| Epilepsy, unspecified | G40.9 |  |
| Status epilepticus | **G41** |  |
| Grand mal status epilepticus | G41.0 |  |
| Petit mal status epilepticus | G41.1 |  |
| Complex partial status epilepticus | G41.2 |  |
| Other status epilepticus | G41.8 |  |
| Status epilepticus, unspecified | G41.9 |  |
| Convulsions, not elsewhere classified | **R56** |  |
| 28 | **Fibromyalgia** | Fibromyalgia | M79.7 | 365 days | 1-91; 92-181 |
| Myalgia | M79.1 |  |
| Myositis | M60 |  |
| 29 | **Chronic Fatigue Syndrome** | Post viral fatigue syndrome | G93.3 | 365 days | 1-91; 92-181 |
| 30 | **Demyelination** | Other specified demyelinating diseases of central nervous system | G37.8 | 365 days | 1-42;43-90 |
| Demyelinating disease of central nervous system, unspecified | G37.9 |  |
| 31 | **Vasculitis** | Skin vasculitis | L95.9, L95.8, **L95** | 365 days | 1-7; 8-28 |
| Allergic vasculitis | M31.0 |  |
| Henoch-Schoenlein Purpura | D69.0 |  |
| 32 | **Stroke (Ischemic)** | **Cerebral infarction** |  | 365 days | 1-7; 8-42 |
| Cerebral infarction due to thrombosis of pre-cerebral arteries | I63.0 |  |
| Cerebral infarction due to embolism of pre cerebral arteries | I63.1 |  |
| Cerebral infarction due to unspecified occlusion or stenosis of pre cerebral arteries | I63.2 |  |
| Cerebral infarction due to thrombosis of cerebral arteries | I63.3 |  |
| Cerebral infarction due to embolism of cerebral arteries | I63.4 |  |
| Cerebral infarction due to unspecified occlusion or stenosis of cerebral arteries | I63.5 |  |
| Other cerebral infarction | I63.8 |  |
| Cerebral infarction, unspecified | I63.9 |  |
| Stroke, not specified as haemorrhage or infarction | I64 |  |
| Occlusion and stenosis of vertebral artery | I65.0 |  |
| Occlusion and stenosis of basilar artery | I65.1 |  |
| Occlusion and stenosis of carotid artery | I65.2 |  |
| Occlusion and stenosis of multiple and bilateral precerebral arteries | I65.3 |  |
| Occlusion and stenosis of other precerebral artery | I65.8 |  |
| Occlusion and stenosis of unspecified precerebral artery | I65.9 |  |
| Occlusion and stenosis of middle cerebral artery | I66.0 |  |
| Occlusion and stenosis of anterior cerebral artery | I66.1 |  |
| Occlusion and stenosis of posterior cerebral artery | I66.2 |  |
| Occlusion and stenosis of cerebellar arteries | I66.3 |  |
| Occlusion and stenosis of multiple and bilateral cerebral arteries | I66.4 |  |
| Occlusion and stenosis of other cerebral artery | I66.8 |  |
| Occlusion and stenosis of unspecified cerebral artery | I66.9 |  |
| 33 | **Respiratory Failure** | Respiratory failure unspecified | J96.9 | 365 days | 1-21; 22-42 |
| Adult Respiratory Distress Syndrome | J80 |  |
| 34 | **Acute and Subacute Hepatic Failure** | Acute and subacute hepatic failure | K72.0 | 365 days | 1-7; 8-21; 22-42 |
| Postpartum acute renal failure | O90.4 |  |
| 35 | **Acute Renal Failure** | **Acute renal failure** | **N17** | 365 days | 1-7; 8-21; 22-42 |
| Acute renal failure with tubular necrosis | N17.0 |  |
| Acute renal failure with acute cortical necrosis | N17.1 |  |
| Acute renal failure with medullary necrosis | N17.2 |  |
| Other acute renal failure | N17.8 |  |
| Acute renal failure, unspecified | N17.9 |  |
| Unspecified kidney failure | **N19** |  |
| 36 | **Lymphadenopathy** | Enlarged lymph nodes | R59 | 365 days | 1-7, 8-21, 22-42 |
|  |  | LOCALIZED ENLARGED LYMPH NODES | R59.0 |  |  |
|  |  | GENERALIZED ENLARGED LYMPH NODES | R59.1 |  |  |
|  |  | ENLARGED LYMPH NODES, UNSPECIFIED | R59.9 |  |  |
| 37 | **Anaphylactic shock** | Anaphylactic shock, unspecified | **T78.2** | 30 days | 0-1 |
|  |  | Anaphylactic shock due to adverse effect of correct drug or medicament properly administered | T88.6 |  |  |
| 38 | **Atrial Fibrillation** | Paroxysmal atrial fibrillation | I48.0 | 365 days | 1-7; 8-21; 22-42 |
|  |  | Persistent atrial fibrillation | I48.1 |  |  |
|  |  | Atrial fibrillation and atrial flutter (unspecified) | I48.9 |  |  |
|  |  | Atrial fibrillation and flutter | I48.X |  |  |
| 39 | **Bulbar Palsy** | Other inherited spinal muscular atrophy  Progressive bulbar palsy of childhood [Fazio-Londe]  Spinal muscular atrophy:  adult form  childhood form, type II  distal  juvenile form, type III [Kugelberg-Welander]  scapuloperoneal form | G12.1 | 183 days | 1-7; 8-42; 43-90 |
|  |  | Motor neuron disease  Familial motor neuron disease  Lateral sclerosis:  amyotrophic  primary  Progressive:  bulbar palsy  spinal muscular atrophy | G12.2 |  |  |