

These training cases were developed for the CIHR-funded study "Testing the World Health Organization's 11th Version of ICD" led by Cathy Eastwood, Danielle Southern, Alicia Boxill, Bill Ghali, Hude Quan, underway at the University of Calgary, Department of Community Health Sciences. This study involves coding 3000 full inpatient discharge records using ICD-11.

These cases were reviewed by Cathy Eastwood and Natasha Hanus.

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Condition	ICD-11 Codes	Comments
Delirium on Dementia	6D70.0 Delirium due to disease classified elsewhere / 6D8Z Dementia, unknown or unspecified cause 6D70.0/6D8Z	
Depression without psychoses	6A70.1 Single episode depressive disorder, moderate, without psychotic symptoms	
Incisional hernia	DD56 Incisional hernia	
Urinary tract infection with Bacteraemia due to E.Coli	GC08.0 Urinary tract infection, site not specified, due to Escherichia coli MA15.0&XN6P4 Bacteraemia Escherichia coli GC08.0 / MA15.0&XN6P4	
Brain metastases originating from malignant melanoma	2D50 Malignant neoplasm metastasis in brain 2C30.Z Melanoma of skin, unspecified	
Pelvic infection following ectopic pregnancy	JA05.0 Genital tract or pelvic infection following abortion, ectopic or molar pregnancy	
Paralysis with weakness and fatigue	MB5Z Paralytic symptoms, unspecified/MG32 Fatigue	
Rheumatic mitral valve stenosis and mitral insufficiency	BB60.0 Rheumatic mitral valve stenosis/ BB61.0 Rheumatic mitral valve insufficiency	
Leiomyoma of Uterus	2E86.0 Leiomyoma of uterus	
Psychosis with delusions caused by epilepsy	6E61.1 Secondary psychotic syndrome, with delusions/8A6Z Epilepsy or seizures, unspecified	
Immobility	MB44.3 Immobility	
Benign neoplasm in ascending colon	2E92.4Y Other specified benign neoplasm of the large intestine &XA3AL5 Ascending colon	
Delirium	6D70.3 Delirium due to unknown or unspecified aetiological factors	
Bulimia	6B81 Bulimia Nervosa	
GI Bleed with angiodysplasia of colon	ME34.23 Digestive system haemorrhage, unspecified/DB34.0 Angiodysplasia of colon&XA03U9 Colon	
Viral meningitis	1D01.1Z Viral meningitis, unspecified	
Glioblastoma of the brain in right temporal lobe	2A00.00 Glioblastoma of brain &XK9K Right &XA9T4 Temporal Lobe	
Skin cancer - melanoma with metastases to liver, lung, retroperitoneum	2C30.Z Melanoma of skin, unspecified&XH4846Malignant melanoma, NOS / 2D80.0 Malignant neoplasm metastasis in liver&XH4846Malignant melanoma, NOS / 2D70Malignant neoplasm metastasis in lung&XH4846 Malignant melanoma, NOS / 2D90Malignant neoplasm metastasis in retroperitoneum&XH4846Malignant melanoma, NOS	
Nephrotic syndrome, uncontrolled Type 2 diabetes	GB41Nephrotic syndrome 5A24 Uncontrolled or unstable diabetes mellitus/5A11Type 2 diabetes mellitus	
Diabetic ketoacidosis. Type 1 diabetes uncontrolled and Hyperkalemia	5A22.0Diabetic ketoacidosis without coma 5A10Type 1 diabetes mellitus/5A24Uncontrolled or unstable diabetes mellitus 5C56 Hyperkalaemia	
Acute MI	BA41.2 Acute myocardial infarction, without specification of ST elevation	
Acute cholecystitis and gall stones	DC11.0 Calculus of gallbladder or cystic duct with acute cholecystitis	
Influenza virus	1E32 Influenza, virus not identified	
Malignant brain cancer, right frontal lobe	2A00.2Primary neoplasm of brain of unknown or unspecified type&XA2NT0Frontal Lobe	
Hydrocephalus	8D64.Z Hydrocephalus, unspecified	
Septic shock	1G51 Sepsis with septic shock	
Myelopathy, C4-7 cervical vertebrae	8B42 Myelopathy&XA3RE9 Fourth cervical vertebra&XA9C12 Fifth cervical vertebra&XA5S79 Sixth cervical vertebra&XA34U8 Seventh cervical vertebra	
GI Bleed in jejunum	ME34.23Digestive system haemorrhage, unspecified&XA8UM1Jejunum	
GI bleed with gastric ulcer and malignant neoplasm of stomach - adenocarcinoma.	ME34.23Haemorrhage of anus and rectum/DA60.ZGastric ulcer, unspecified 2B72.ZMalignant neoplasms of stomach, unspecified&XH74S1Adenocarcinoma, NOS	
Malignant neoplasm of the spinal nerves involving the L1-5, coccyx, and T12 vertebrae	2D52Malignant neoplasm metastasis in spinal cord, cranial nerves or remaining parts of central nervous system&XA3291 First lumbar vertebra&XA2G9H Second lumbar vertebra&XA3N97 Third lumbar vertebra&XA9A53 Fourth lumbar vertebra&XA9641 Fifth lumbar vertebra&XA69W5 Twelfth thoracic vertebra&XA4V28 coccyx	
Sepsis due to proteus mirabilis	1G50 Sepsis without septic shock&XN9ZFProteus mirabilis	
Peripheral nerve tumor, malignant	2A02.10 Malignant peripheral nerve sheath tumour	
Left sided ovarian cancer, benign. Cystadenofibroma	2F32.Z Benign neoplasm of ovary, unspecified&XH5S99Cystadenofibroma, NOS&XK8GLeft	
Seizure due to hyponatremia	8A6Z Epilepsy or seizures, unspecified/5C52 Hypo-osmolality or hyponatraemia	
Hernia with Bowel obstruction and strangulation involving the ileum	DD5Z Hernia, unspecified/DA91.ZObstruction of small intestine, unspecified/ME34.9Digestive system strangulation or gangrene&XA0QT6Ileum	
Benign tumor of the pituitary gland with adenoma and hypothyroidism	2F37.YOther specified benign neoplasm of endocrine glands&XA8J35Pituitary gland&XH3DV3Adenoma, NOS/5A00.Z Hypothyroidism, unspecified	
Palliative care	QB9B Palliative care	
Ventricular tachycardia; CAD. LAD artery involvement	BC71.0Z Ventricular tachycardia, unspecified/BA80.0 Coronary atherosclerosis of native coronary artery&XA7NQ7Left anterior descending coronary artery	
Diaphragm hernia; bowel obstruction with gastric volvulus	DD50.0Diaphragmatic hernia/ME34.3Digestive system obstruction/DA40.2Gastric volvulus	
Small intestine obstruction	DA91.Z Obstruction of small intestine, unspecified	
Gastritis	DA42.Z Gastritis, unspecified	
Unstable angina with narrowing of LAD and Ramus on heart catheterization	BA40.0 Unstable angina/BA80.0 Coronary atherosclerosis of native coronary artery&XA7NQ7Left anterior descending coronary artery&XA3QP2ramus intermedius artery	
kidney transplant rejection involving right hydronephrosis	NE84Failure or rejection of transplanted organs or tissues&XA6KU8Kidney/GB56.4 Other or unspecified hydronephrosis& XK9K Right	
Benign Liver and bile duct tumor, liver cell adenoma	2E92.7Benign neoplasm of liver or intrahepatic bile ducts&XH68V1Liver cell adenoma&XA6E54Liver and intrahepatic bile ducts	
GI Bleed	ME34.2Z Digestive system haemorrhage, unspecified	
Benign left ovarian tumor with serous cystadenoma	2F32Benign neoplasm of ovary&XH8TJ0Serous cystadenoma, NOS &XK8GLeft	
hyperkalemia and chronic kidney failure with hypertension from Type 2 diabetes	5C56 Hyperkalaemia/GB61.Z Chronic kidney disease, stage unspecified/BA00.Z Essential hypertension, unspecified/5A11 Type 2 diabetes mellitus	
hydrocephalus	8D64 Hydrocephalus	
acute obstruction of small intestine with Crohn's disease	DA91.Z Obstruction of small intestine, unspecified& XTSR Acute/DD70.Z Crohn disease, unspecified site	

pneumonia with COPD	CA40.Z Pneumonia, organism unspecified/CA22.Z Chronic obstructive pulmonary disease, unspecified	
Anorexia with very low body weight; bingeing and purging	6B80.01 Anorexia Nervosa with significantly low body weight, binge-purge pattern	
ACUTE NSTEMI	BA41.1 Acute non-ST elevation myocardial infarction	