

Supplemental Material

ICD10 codes for pain:

M05.642', 'S12.101B', 'S12.111D', 'S12.130A', 'S12.650D', 'G44.321', 'M16.52', 'M19.222', 'M12.531', 'M1A.4120', 'M86.619', 'M25.769', 'S22.002B', 'S22.049D', 'M06.332', 'S12.121D', 'S12.350S', 'S32.002K', 'S32.129B', 'F45.42', 'S22.069K', 'M05.372', 'M60.851', 'S32.131K', 'S34.132D', 'M25.562', 'S44.01XA', 'M05.331', 'M05.379', 'M05.632', 'M06.211', 'M49.83', 'S14.104S', 'S12.24XG', 'S12.431G', 'S14.126S', 'S14.155D', 'S32.011S', 'S32.012K', 'S34.101A', 'M10.032', 'M86.571', 'M77.10', 'S44.02XS', 'E08.40', 'M05.512', 'M99.57', 'S24.152D', 'S24.154D', 'M05.719', 'S12.040K', 'S12.100B', 'S12.530K', 'S32.028A', 'S32.042G', 'S32.130K', 'M17.0', 'M19.221', 'M19.272', 'M00.262', 'M02.341', 'M25.529', 'S22.032D', 'M06.00', 'M12.041', 'M87.251', 'S12.091A', 'S12.451B', 'S12.691S', 'G44.84', 'S32.000G', 'M15.9', 'M00.119', 'M00.219', 'G57.30', 'S22.078B', 'S22.081K', 'J34.9', 'S12.34XS', 'S12.501A', 'S12.551K', 'S32.019S', 'G43.401', 'G43.A0', 'M62.432', 'M12.552', 'M1A.0391', 'M1A.0410', 'M1A.20X0', 'M1A.3210', 'M1A.3590', 'M86.38', 'M99.54', 'S22.081D', 'S22.24XK', 'M06.1', 'M05.862', 'M32.8', 'S32.119S', 'S32.129A', 'M10.152', 'M1A.0620', 'M86.352', 'M54.13', 'S22.029G', 'S24.113S', 'S22.20XD', 'M06.28', 'S14.114S', 'S14.135D', 'G56.43', 'G44.229', 'S32.040G', 'S32.041D', 'M90.812', 'M70.42', 'G65.1', 'M05.549', 'S22.000K', 'S22.000S', 'S22.23XK', 'S22.41XK', 'T14.8XXD', 'M05.229', 'M46.88', 'S14.123A', 'S12.450D', 'S12.601G', 'M05.042', 'M12.031', 'S12.041A', 'S12.121G', 'S12.450K', 'S12.531D', 'G56.42', 'G44.51', 'M12.532', 'M1A.0611', 'M1A.09X0', 'M1A.4490', 'M86.541', 'E13.42', 'M05.20', 'M50.822', 'S12.031B', 'S12.110G', 'S12.491G', 'S14.155S', 'S32.040S', 'S32.041A', 'M00.072', 'M10.141', 'M1A.38X1', 'G57.22', 'G57.62', 'G57.91', 'S24.101D', 'M05.049', 'M06.271', 'M50.120', 'S12.130K', 'S32.131A', 'M10.28', 'M1A.2290', 'M86.651', 'M86.379', 'M90.80', 'M46.80', 'S12.591D', 'S32.010G', 'S32.018K', 'S32.031K', 'M00.89', 'M01.X19', 'M1A.2590', 'M1A.3510', 'M1A.3711', 'M1A.3720', 'M1A.4420', 'M26.623', 'M86.421', 'S54.01XS', 'E11.40', 'G56.20', 'S24.103S', 'M05.219', 'M05.522', 'M05.531', 'M05.549', 'M12.019', 'S12.041D', 'S12.251D', 'S14.106D', 'G44.221', 'M62.471', 'M12.50', 'S22.002D', 'S24.112A', 'M05.629', 'M05.771', 'S14.152S', 'S12.34XG', 'S12.350K', 'M99.63', 'S32.050D', 'M62.451', 'M00.142', 'M01.X31', 'M02.212', 'M1A.3220', 'M1A.3691', 'M86.529', 'M86.472', 'M86.48', 'M89.671', 'M90.811', 'S64.02XS', 'S22.052A', 'M05.532', 'M06.051', 'M06.372', 'M50.221', 'M46.43', 'S12.350A', 'S12.390B', 'S12.430K', 'S14.156A', 'S12.531B', 'S12.630K', 'M54.40', 'S32.052D', 'M00.111', 'M02.179', 'M12.529', 'M67.369', 'M66.212', 'M75.81', 'M76.70', 'M99.58', 'S32.009D', 'S32.2XXS', 'S22.022B', 'S22.079G', 'M06.319', 'M46.83', 'S12.64XK', 'M26.643', 'M54.5', 'M10.071', 'M1A.4711', 'M76.811', 'G56.90', 'S22.038K', 'M05.041', 'M05.479', 'M06.242', 'S32.010K', 'S32.052S', 'S34.104S', 'S32.121S', 'M00.862', 'M1A.0190', 'G61.1', 'M99.25', 'M99.55', 'S22.009A', 'M05.061', 'M50.00', 'S12.301A', 'M26.641', 'S32.112G', 'S32.15XD', 'M62.411', 'M00.271', 'M1A.2110', 'M86.519', 'M65.129', 'S22.070D', 'M05.752', 'M06.212', 'M87.011', 'S12.190G', 'S32.012B', 'S32.059B', 'G43.811', 'M76.00', 'G56.23', 'S22.021A', 'M05.369', 'M05.849', 'M50.90', 'S12.200D', 'S12.400K', 'S32.119K', 'S34.132S', 'M10.151', 'S54.01XD', 'S22.008A', 'S22.069S', 'S22.078A', 'M50.922', 'S12.230B', 'S12.550B', 'S12.690D', 'S32.011B', 'S32.041G', 'M19.212', 'M02.332', 'M25.50', 'E11.42', 'M05.522', 'M48.00', 'S22.039K', 'S12.390D', 'S12.530A', 'S32.022K', 'S32.050K', 'M01.X69', 'M02.879', 'M46.21', 'G58.7', 'S22.068K', 'S22.43XB', 'M12.071', 'M50.220', 'S14.112A', 'S12.34XA', 'S12.400G', 'S12.651A', 'M60.831', 'S32.021A', 'S32.059A', 'M16.9', 'M12.539', 'M89.639', 'M46.09', 'S32.009K', 'S22.062A', 'M05.321', 'S12.251G', 'S12.401D', 'S32.000A', 'S34.119S', 'M02.111', 'M1A.4710', 'M86.372', 'M89.649', 'M65.111', 'S22.042K', 'S22.078K', 'M46.87', 'M87.875', 'S12.201D', 'S32.042B', 'M02.252', 'M86.349', 'M76.01', 'M05.529', 'M99.29', 'S22.24XA', 'M05.269', 'M05.579', 'S12.151S', 'S12.601B', 'M26.632', 'S32.16XD', 'M00.812', 'M1A.2121', 'M90.842', 'I70.232', 'M65.151', 'M65.89', 'M76.21', 'M51.34', 'M05.621', 'M12.012', 'M87.159', 'S12.300B', 'S12.150G', 'S12.690A', 'S32.050S', 'S34.119D', 'S32.112K', 'M00.232', 'M12.59', 'G55', 'G57.93', 'M05.569', 'M99.56', 'S32.009A', 'S22.039B', 'S22.052S',

'S22.079D', 'M30.8', 'M46.85', 'G44.82', 'S32.029G', 'S32.122D', 'M17.31', 'M19.029', 'M18.52', 'M00.19', 'M90.829', 'M67.312', 'M99.68', 'S32.009S', 'S22.030D', 'M06.339', 'M87.276', 'S12.110A', 'S12.111G', 'S12.231A', 'S32.029S', 'S32.048D', 'S34.103D', 'M19.249', 'M02.142', 'M10.231', 'S22.030A', 'S22.088D', 'S22.089G', 'M05.032', 'M06.09', 'M32.14', 'S12.14XS', 'S32.130A', 'S32.132B', 'M15.4', 'M10.079', 'M10.159', 'M86.641', 'I73.01', 'M46.06', 'S22.011D', 'S24.112S', 'S22.21XG', 'M05.569', 'M87.322', 'S12.301D', 'S14.137A', 'M31.6', 'S32.058G', 'S32.139G', 'M00.239', 'M02.849', 'M1A.4720', 'M1A.4791', 'M90.869', 'M65.161', 'G60.3', 'M46.49', 'S24.109D', 'S22.011G', 'S22.021B', 'S22.021K', 'M05.851', 'S12.331B', 'S12.531G', 'M19.019', 'M19.172', 'M90.832', 'M66.219', 'S22.038S', 'M05.051', 'S14.113A', 'S12.631A', 'S34.115A', 'M00.829', 'M00.832', 'M1A.2310', 'I70.239', 'S22.078D', 'M34.2', 'J34.1', 'S14.132D', 'S14.133D', 'S32.052K', 'S32.17XG', 'M1A.2491', 'I70.243', 'M75.00', 'S22.040G', 'M05.439', 'S32.008K', 'S32.129G', 'S32.16XS', 'M00.052', 'M1A.0390', 'S64.02XD', 'M99.35', 'S22.018K', 'S22.21XS', 'S22.41XA', 'M06.039', 'M06.221', 'M50.920', 'S12.030S', 'S12.190S', 'M00.042', 'M10.132', 'M1A.0721', 'M1A.2690', 'M90.849', 'M79.662', 'G60.9', 'G65.0', 'S22.009G', 'M06.30', 'M87.021', 'M87.821', 'S12.091K', 'S12.24XB', 'S12.500D', 'S12.601D', 'M51.16', 'S32.001K', 'S32.039A', 'M19.132', 'M86.552', 'M54.11', 'M05.69', 'M32.11', 'M50.322', 'S14.112D', 'S12.54XS', 'S12.590G', 'S32.119B', 'M19.131', 'M18.30', 'M19.29', 'M01.X51', 'M02.39', 'M10.019', 'M1A.3310', 'M26.629', 'I70.213', 'M46.00', 'M51.35', 'M05.529', 'M90.50', 'S14.153A', 'S12.400A', 'S12.630D', 'G50.0', 'G43.711', 'M86.361', 'I70.231', 'M65.819', 'S64.01XS', 'G62.82', 'S22.061S', 'M05.7A', 'M06.041', 'M32.13', 'M87.150', 'S12.001G', 'S12.491S', 'S14.117S', 'S34.111A', 'M10.279', 'M1A.4291', 'M05.579', 'M54.18', 'M99.69', 'M05.019', 'G44.009', 'S32.131S', 'M00.841', 'M00.851', 'M86.332', 'M25.762', 'B02.21', 'S22.019B', 'M05.512', 'M87.00', 'S14.123S', 'S12.590D', 'S32.010A', 'S32.042A', 'M62.431', 'M02.352', 'M10.121', 'M1A.3191', 'M77.32', 'B02.0', 'M99.79', 'S22.001A', 'S22.038B', 'S22.060G', 'S22.071K', 'S22.42XS', 'S12.031S', 'S12.390K', 'S14.117D', 'S12.64XG', 'S32.022A', 'S32.058B', 'S34.109A', 'S32.120K', 'M02.221', 'M36.3', 'N25.0', 'M25.761', 'M66.211', 'G61.81', 'M99.66', 'S22.048B', 'S22.061D', 'S22.23XD', 'S22.43XG', 'M05.539', 'M12.09', 'M46.50', 'S14.105A', 'S34.3XXD', 'M02.862', 'M25.549', 'M86.671', 'M54.15', 'M34.89', 'S12.090B', 'M60.822', 'S32.029D', 'S32.132K', 'G43.839', 'M62.459', 'M01.X59', 'M02.329', 'I70.261', 'M76.11', 'S24.102D', 'M05.312', 'M87.122', 'M87.176', 'S14.107S', 'M26.622', 'S32.020K', 'M01.X9', 'M10.051', 'M86.68', 'M25.751', 'M54.89', 'M05.552', 'M06.249', 'S14.154D', 'S12.350G', 'S12.500G', 'M00.012', 'M10.041', 'M12.9', 'M25.541', 'M83.0', 'S22.009S', 'M06.321', 'S12.330G', 'S14.115D', 'S32.030D', 'S32.059S', 'S32.10XD', 'S32.2XXS', 'S34.131S', 'M02.272', 'M1A.2411', 'M90.839', 'I70.219', 'M76.822', 'S22.059B', 'M05.222', 'S34.112D', 'S32.121K', 'G43.601', 'M19.071', 'M10.18', 'M86.8X9', 'M86.329', 'I70.218', 'M67.359', 'M70.50', 'M05.462', 'M87.321', 'S12.031D', 'S12.300G', 'S12.330S', 'S12.530G', 'S32.000B', 'S32.15XA', 'M62.441', 'M02.839', 'M1A.3321', 'M86.549', 'I73.00', 'M70.10', 'M70.60', 'G56.22', 'M99.32', 'S22.32XD', 'M05.361', 'M05.749', 'M06.351', 'M50.23', 'S14.153S', 'S12.131K', 'M48.062', 'M10.261', 'M10.271', 'M25.752', 'S22.012G', 'S22.060A', 'M05.852', 'M46.51', 'M46.95', 'S12.431D', 'G44.091', 'G43.609', 'M18.50', 'M02.371', 'M10.161', 'M90.852', 'M75.100', 'S22.040K', 'S22.058B', 'S22.058S', 'S22.072B', 'S22.082K', 'S22.43XS', 'S12.150K', 'S12.451D', 'S13.4XXS', 'N94.819', 'S34.123S', 'M00.062', 'M01.X32', 'M77.12', 'S44.00XS', 'S54.00XS', 'M05.351', 'M05.611', 'M05.639', 'M05.469', 'M87.275', 'M96.1', 'S12.090K', 'S12.34XD', 'S12.501B', 'S12.691K', 'R10.10', 'M26.601', 'S32.041S', 'M19.92', 'M00.00', 'M1A.4310', 'M89.669', 'M25.741', 'S22.032A', 'S22.062S', 'M05.311', 'S14.132A', 'S12.691A', 'S32.010B', 'S32.049K', 'S32.122K', 'S32.17XK', 'M18.11', 'M02.269', 'M02.359', 'M67.362', 'G57.33', 'S22.22XA', 'M05.541', 'M05.711', 'M46.91', 'M50.323', 'S12.331K', 'S12.351K', 'M17.10', 'M00.241', 'M1A.4321', 'M1A.48X1', 'M26.621', 'M86.58', 'M65.139', 'S22.001D', 'S22.39XS', 'S22.49XS', 'M05.40', 'S12.030G', 'S14.122D', 'S14.136S', 'S12.551D', 'M26.609', 'S32.038D', 'S34.101S', 'M02.231', 'M1A.3320', 'M25.569', 'M46.22', 'I70.262', 'M65.851', 'S22.021S', 'S22.059K', 'S22.089B', 'L93.0', 'M05.29', 'M06.059', 'M75.52', 'M05.572', 'M54.9', 'S32.10XK', 'S22.001S', 'S22.082D', 'M05.821', 'S32.009G', 'S34.129D', 'M1A.4210', 'S44.02XA', 'G57.60', 'S22.030S', 'M06.852', 'M87.175', 'S12.201K', 'S32.000D', 'S32.030B', 'M19.171', 'M10.111', 'M12.541', 'M86.8X8', 'M79.606', 'M99.74', 'S22.082S', 'M06.241', 'M26.619', 'M62.461', 'M19.239', 'M10.029', 'M86.569', 'M65.861', 'M06.062', 'M06.349', 'M12.039', 'M87.876', 'M50.222', 'S12.601A', 'S12.54XB', 'S32.012G', 'S32.19XD', 'M10.012', 'M83.1', 'M65.812', 'G62.1', 'S22.32XA',

'M05.622', 'S12.110S', 'R51.9', 'S32.020G', 'S32.050B', 'G43.001', 'G43.901', 'M00.129', 'M10.211', 'M10.251', 'M1A.4191', 'S22.039A', 'M05.031', 'M05.332', 'M06.849', 'S12.351D', 'S32.17XD', 'M02.131', 'M1A.00X0', 'M1A.4190', 'M86.631', 'M75.02', 'F44.5', 'S22.048D', 'M05.571', 'S12.031A', 'S12.230K', 'S12.350D', 'S32.051A', 'M99.46', 'M99.52', 'S22.048A', 'S22.052B', 'S24.114S', 'S22.31XB', 'M12.029', 'M90.511', 'M50.921', 'S12.331A', 'S12.44XD', 'M99.73', 'M00.212', 'M00.252', 'M10.269', 'M05.551', 'S22.022D', 'S22.081B', 'S22.24XG', 'M05.319', 'M05.741', 'M87.822', 'S12.041G', 'S12.591B', 'M01.X49', 'M36.4', 'M1A.2510', 'G56.91', 'M51.05', 'S22.049B', 'S22.21XK', 'M05.421', 'M87.352', 'M50.10', 'S12.230S', 'M31.5', 'S32.021S', 'S32.039B', 'S34.124D', 'M15.0', 'M10.031', 'M1A.39X1', 'M1A.4511', 'G57.51', 'S34.139D', 'S22.039S', 'S22.080D', 'M05.829', 'S12.110B', 'S12.150B', 'G44.329', 'S32.17XB', 'M00.011', 'M01.X39', 'M46.23', 'M65.152', 'M67.342', 'M70.40', 'M79.676', 'G57.63', 'S22.020K', 'S22.42XB', 'M87.274', 'S12.131S', 'G89.21', 'S32.001A', 'M02.229', 'M1A.4220', 'G56.83', 'M99.45', 'S22.020S', 'S22.39XK', 'M05.261', 'M05.341', 'M05.80', 'S14.157A', 'S12.54XK', 'S32.038K', 'M01.X41', 'M86.559', 'M05.559', 'M51.84', 'S22.009B', 'M05.432', 'M05.442', 'M06.311', 'M30.2', 'M49.86', 'M60.812', 'M60.841', 'S32.111G', 'M16.31', 'M02.88', 'M10.249', 'M72.2', 'S12.090S', 'S32.110S', 'M19.031', 'M00.029', 'M10.232', 'M1A.0420', 'M1A.4411', 'G57.23', 'S22.022A', 'S22.031B', 'M05.241', 'M32.10', 'S14.134D', 'S12.191B', 'M79.11', 'S32.038S', 'S32.049D', 'M1A.3311', 'M90.871', 'M65.179', 'S22.051D', 'S24.151A', 'M06.011', 'M06.839', 'S14.102A', 'S12.54XG', 'S12.691D', 'S34.125D', 'S32.139A', 'S32.19XB', 'S34.3XXS', 'M62.462', 'M16.2', 'M19.049', 'M01.X79', 'M1A.0210', 'M1A.4491', 'M86.8X4', 'M79.632', 'M99.59', 'S14.109D', 'S22.000A', 'S22.012A', 'S22.049S', 'S22.059S', 'S22.080B', 'S12.230G', 'S14.117A', 'S14.137D', 'M79.18', 'M19.90', 'M19.19', 'M02.80', 'M01.X11', 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'M46.90', 'S12.040S', 'S12.64XB', 'G43.919', 'M10.169', 'M1A.2220', 'M89.621', 'M90.872', 'M76.60', 'G62.81', 'S12.9XXS', 'S22.23XA', 'M12.079', 'S12.112D', 'S12.401B', 'S12.64XA', 'M19.91', 'M02.311', 'M86.459', 'M67.372', 'M75.110', 'M77.50', 'M79.675', 'G57.50', 'S12.9XXA', 'S22.039D', 'M06.279', 'M06.80', 'M79.10', 'M51.36', 'M19.129', 'M86.649', 'M86.351', 'M50.821', 'S12.091S', 'S32.132S', 'S32.14XA', 'M16.6', 'M00.259', 'M00.08', 'M10.241', 'M1A.28X0', 'M1A.9XX0', 'S22.39XB', 'S22.49XA', 'M46.42', 'M50.91', 'S12.690K', 'M60.88', 'S32.002G', 'G43.419', 'M1A.30X0', 'G57.20', 'S22.041A', 'S22.070B', 'S32.009B', 'S32.011A', 'S32.051B', 'S34.125A', 'G43.719', 'M54.08', 'M1A.2291', 'M70.70', 'S22.029D', 'S22.050D', 'S22.081G', 'S24.104D', 'M12.042', 'M12.069', 'M87.229', 'S12.030K', 'S12.200S', 'G90.511', 'S32.010S', 'M62.469', 'M19.079', 'M02.19', 'M87.350', 'M50.11', 'S12.450S', 'M86.521', 'M90.851', 'I73.81', 'M75.111', 'M76.52', 'M77.30', 'G57.11', 'S22.42XD', 'M34.1', 'S12.111S', 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