

Supplementary Material

Supplemental Table 1: International Classification of Disease, 10th Revision, Clinical Modification codes used to define cerebral venous sinus thrombosis (CVST), thrombocytopenia, and relevant comorbidities

Condition	ICD-10-CM Codes
Cerebral Venous Sinus Thrombosis (CVST)	I676', 'I636', 'O2250', 'O2251', 'O2252', 'O2253', 'O873', 'G08'
Thrombocytopenia	D693', 'D6941', 'D6942', 'D6949', 'D6951', 'D6959', 'D696', 'D7582', 'P610'
Hemorrhagic Stroke	I6000', 'I6001', 'I6002', 'I6010', 'I6011', 'I6012', 'I602', 'I6020', 'I6021', 'I6022', 'I6030', 'I6031', 'I6032', 'I604', 'I6050', 'I6051', 'I6052', 'I606', 'I607', 'I608', 'I609', 'I610', 'I611', 'I612', 'I613', 'I614', 'I615', 'I616', 'I618', 'I619', 'I6200', 'I6201', 'I6202', 'I6203', 'I621', 'I629', 'I6900', 'I6901', 'I69010', 'I69011', 'I69012', 'I69013', 'I69014', 'I69015', 'I69018', 'I69019', 'I69020', 'I69021', 'I69022', 'I69023', 'I69028', 'I69031', 'I69032', 'I69033', 'I69034', 'I69039', 'I69041', 'I69042', 'I69043', 'I69044', 'I69049', 'I69051', 'I69052', 'I69053', 'I69054', 'I69059', 'I69061', 'I69062', 'I69063', 'I69064', 'I69065', 'I69069', 'I69090', 'I69091', 'I69092', 'I69093', 'I69098', 'I6910', 'I6911', 'I69110', 'I69111', 'I69112', 'I69113', 'I69114', 'I69115', 'I69118', 'I69119', 'I69120', 'I69121', 'I69122', 'I69123', 'I69128', 'I69131', 'I69132', 'I69133', 'I69134', 'I69139', 'I69141', 'I69142', 'I69143', 'I69144', 'I69149', 'I69151', 'I69152', 'I69153', 'I69154', 'I69159', 'I69161', 'I69162', 'I69163', 'I69164', 'I69165', 'I69169', 'I69190', 'I69191', 'I69192', 'I69193', 'I69198', 'I6920', 'I6921', 'I69210', 'I69211', 'I69212', 'I69213', 'I69214', 'I69215', 'I69218', 'I69219', 'I69220', 'I69221', 'I69222', 'I69223', 'I69228', 'I69231', 'I69232', 'I69233', 'I69234', 'I69239', 'I69241', 'I69242', 'I69243', 'I69244', 'I69249', 'I69251', 'I69252', 'I69253', 'I69254', 'I69259', 'I69261', 'I69262', 'I69263', 'I69264', 'I69265', 'I69269', 'I69290', 'I69291', 'I69292', 'I69293', 'I69298', 'P520', 'P521', 'P5221', 'P5222', 'P523', 'P524', 'P525', 'P526', 'P528', 'P529'

Ischemic Stroke	<p>G43601','G43609','G43611','G43619','G450','G451','G452','G453','G454','G458','G459','I6300','I63011','I63012','I63013','I63019','I6302','I63031','I63032','I63033','I63039','I6309','I6310','I63111','I63112','I63113','I63119','I6312','I63131','I63132','I63133','I63139','I6319','I6320','I63211','I63212','I63213','I63219','I6322','I63231','I63232','I63233','I63239','I6329','I6330','I63311','I63312','I63313','I63319','I63321','I63322','I63323','I63329','I63331','I63332','I63333','I63339','I63341','I63342','I63343','I63349','I6339','I6340','I63411','I63412','I63413','I63419','I63421','I63422','I63423','I63429','I63431','I63432','I63433','I63439','I63441','I63442','I63443','I63449','I6349','I6350','I63511','I63512','I63513','I63519','I63521','I63522','I63523','I63529','I63531','I63532','I63533','I63539','I63541','I63542','I63543','I63549','I6359','I636','I638','I6381','I6389','I639','I6501','I6502','I6503','I6509','I651','I6521','I6522','I6523','I6529','I658','I659','I6601','I6602','I6603','I6609','I6611','I6612','I6613','I6619','I6621','I6622','I6623','I6629','I663','I668','I669','I672','I6782','I6930','I6931','I69310','I69311','I69312','I69313','I69314','I69315','I69318','I69319','I69320','I69321','I69322','I69323','I69328','I69331','I69332','I69333','I69334','I69339','I69341','I69342','I69343','I69344','I69349','I69351','I69352','I69353','I69354','I69359','I69361','I69362','I69363','I69364','I69365','I69369','I69390','I69391','I69392','I69393','I69398','I6980','I6981','I69810','I69811','I69812','I69813','I69814','I69815','I69818','I69819','I69820','I69821','I69822','I69823','I69828','I69831','I69832','I69833','I69834','I69839','I69841','I69842','I69843','I69844','I69849','I69851','I69852','I69853','I69854','I69859','I69861','I69862','I69863','I69864','I69865','I69869','I69890','I69891','I69892','I69893','I69898','I6990','I6991','I69910','I69911','I69912','I69913','I69914','I69915','I69918','I69919','I69920','I69921','I69922','I69923','I69928','I69931','I69932','I69933','I69934','I69939','I69941','I69942','I69943','I69944','I69949','I69951','I69952','I69953','I69954','I69959','I69961','I69962','I69963','I69964','I69965','I69969','I69990','I69991','I69992','I69993','I69998','I97810','I97811','I97820','I97821','P910','R29700','R29701','R29702','R29703','R29704','R29705','R29706','R29707','R29708','R29709','R29710','R29711','R29712','R29713','R29714','R29715','R29716','R29717','R29718','R29719','R29720','R29721','R29722','R29723','R29724','R29725','R29726','R29727','R29728','R29729','R29730','R29731','R29732','R29733','R29734','R29735','R29736','R29737','R29738','R29739','R29740','R29741','R29742'</p>
Myocardial Infarction	<p>I2101','I2102','I2109','I2111','I2119','I2121','I2129','I213','I214','I219','I21A1','I21A9','I220','I221','I222','I228','I229','I230','I231','I232','I233','I234','I235','I236','I237','I238','I241'</p>
Other Arterial Thrombosis	<p>D735','I7401','I7409','I7410','I7411','I7419','I742','I743','I744','I745','I748','I749','I75011','I75012','I75013','I75019','I75021','I75022','I75023','I75029','I7581','I7589','I240','I76','I76','K763'</p>
Other Venous Thromboembolism	<p>I2602','I2609','I2692','I2699','I8010','I8011','I8012','I8013','I80201','I80202','I80203','I80209','I80211','I80212','I80213','I80219','I80221','I80222','I80223','I80229','I80231','I80232','I80233','I80239','I80291','I80292','I80293','I80299','I803','I808','I809','I82210','I82220','I82290','I823','I82401','I82402','I82403','I82409','I82411','I82412','I82413','I82419','I82421','I82422','I82423','I82429','I82431','I82432','I82433','I82439','I82441','I82442','I82443','I82449','I82491','I82492','I82493','I82499','I824Y1','I824Y2','I824Y3','I824Y9','I824Z1','I824Z2','I824Z3','I824Z9','I82601','I82602','I82603','I82609','I82621','I82622','I82623','I82629','I82890','I82A11','I82A12','I82A13','I82A19','I82B11','I82B12','I82B13','I82B19','I82C11','I82C12','I82C13','I82C19','O2230','O2231','O2232','O2233','O871','O88211','O88212','O88213','O88219','O8822','O8823','I81','I820','I8290','K550'</p>

Pregnancy

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,','0029','0030','0031','0032','00330','00331','00332','00333','00334','00335','00336','00337
,','00338','00339','0034','0035','0036','0037','00380','00381','00382','00383','00384','00385
,','00386','00387','00388','00389','0039','0045','0046','0047','00480','00481','00482','00483
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Meningitis,
Encephalitis, or
Other CNS Infection

'A0101','A0221','A066','A170','A171','A1781','A1782','A1783','A1789','A179','A203','A2781','A3211','A3212','A390','A3981','A4281','A4282','A5041','A5042','A5141','A5210','A5211','A5212','A5213','A5214','A5217','A5219','A522','A523','A5481','A5482','A6921','A800','A801','A802','A8030','A8039','A804','A809','A8100','A8101','A8109','A811','A812','A8181','A8182','A8183','A8189','A819','A820','A821','A829','A830','A831','A832','A833','A834','A835','A836','A838','A839','A840','A841','A848','A849','A850','A851','A852','A858','A86','A870','A871','A872','A878','A879','A880','A881','A888','A89','A922','A9231','B003','B004','B010','B0111','B020','B021','B050','B051','B0601','B0602','B1001','B1009','B261','B262','B2702','B2712','B2782','B2792','B375','B384','B4081','B4281','B431','B451','B5741','B5742','B582','B6011','B900','D8681','G000','G001','G002','G003','G008','G009','G01','G02','G030','G031','G032','G038','G039','G0400','G0401','G0402','G042','G0430','G0431','G0432','G0439','G0481','G0489','G0490','G0491','G053','G054','G060','G061','G062','G07','G14','J1081','J1181'

Head or Neck Infection	A186,'A211','A3281','A360','A361','A362','A3686','A380','A422','A5003','A5005','A5431','A545', 'A690','A740','B002','B0050','B0053','B0059','B0231','B0239','B053','B0581','B084','B085','B086 1','B300','B301','B302','B303','B308','B309','B370','B3781','B3783','B3784','B442','B461','B6012' ,'B6013','B873','H00031','H00032','H00033','H00034','H00035','H00036','H00039','H05011','H0 5012','H05013','H05019','H05021','H05022','H05023','H05029','H20031','H20032','H20033','H2 0039','H44021','H44022','H44023','H44029','H5940','H5941','H5942','H5943','H6000','H6001',' H6002','H6003','H60391','H60392','H60393','H60399','H61321','H61322','H61323','H61329','H6 500','H6501','H6502','H6503','H6504','H6505','H6506','H6507','H65111','H65112','H65113','H6 5114','H65115','H65116','H65117','H65119','H65191','H65192','H65193','H65194','H65195','H6 5196','H65197','H65199','H6520','H6521','H6522','H6523','H6530','H6531','H6532','H6533','H6 5411','H65412','H65413','H65419','H65491','H65492','H65493','H65499','H6590','H6591','H659 2','H6593','H66001','H66002','H66003','H66004','H66005','H66006','H66007','H66009','H66011 ','H66012','H66013','H66014','H66015','H66016','H66017','H66019','H6610','H6611','H6612','H 6613','H6620','H6621','H6622','H6623','H663X1','H663X2','H663X3','H663X9','H6640','H6641',' H6642','H6643','H6690','H6691','H6692','H6693','H671','H672','H673','H679','H70011','H70012' ,'H70013','H70019','H7500','H7501','H7502','H7503','H9400','H9401','H9402','H9403','J00','J02 0','J028','J029','J0300','J0301','J0380','J0381','J060','J340','J36','J390','K046','K047','K113','K122' ,'J1083','J1183'
Prior Venous Thromboembolism	I82211','I82221','I82291','I82501','I82502','I82503','I82509','I82511','I82512','I82513','I82519','I 82521','I82522','I82523','I82529','I82531','I82532','I82533','I82539','I82541','I82542','I82543','I 82549','I82591','I82592','I82593','I82599','I825Y1','I825Y2','I825Y3','I825Y9','I825Z1','I825Z2','I8 25Z3','I825Z9','I82701','I82702','I82703','I82709','I82711','I82712','I82713','I82719','I82721','I82 722','I82723','I82729','I82891','I8291','I82A21','I82A22','I82A23','I82A29','I82B21','I82B22','I82B 23','I82B29','I82C21','I82C22','I82C23','I82C29','I87001','I87002','I87003','I87009','I87011','I870 12','I87013','I87019','I87021','I87022','I87023','I87029','I87031','I87032','I87033','I87039','I870 91','I87092','I87093','I87099','I871','I872','I87301','I87302','I87303','I87309','I87311','I87312','I 87313','I87319','I87321','I87322','I87323','I87329','I87331','I87332','I87333','I87339','I87391','I 87392','I87393','I87399','Z86711','Z86718','I2724','I2782'
Thrombophilia	D6851','D6852','D6859','D6861','D6862','D6869'

Malignancy

C000,'C001','C002','C003','C004','C005','C006','C008','C009','C01','C020','C021','C022','C023','C024','C028','C029','C030','C031','C039','C040','C041','C048','C049','C050','C051','C052','C058','C059','C060','C061','C062','C0680','C0689','C069','C07','C080','C081','C089','C090','C091','C098','C099','C100','C101','C102','C103','C104','C108','C109','C110','C111','C112','C113','C118','C119','C12','C130','C131','C132','C138','C139','C140','C142','C148','C153','C154','C155','C158','C159','C160','C161','C162','C163','C164','C165','C166','C168','C169','C170','C171','C172','C173','C178','C179','C180','C181','C182','C183','C184','C185','C186','C187','C188','C189','C19','C20','C210','C211','C212','C218','C220','C221','C222','C223','C224','C227','C228','C229','C23','C240','C241','C248','C249','C250','C251','C252','C253','C254','C257','C258','C259','C260','C261','C269','C300','C301','C310','C311','C312','C313','C318','C319','C320','C321','C322','C323','C328','C329','C33','C3400','C3401','C3402','C3410','C3411','C3412','C342','C3430','C3431','C3432','C3480','C3481','C3482','C3490','C3491','C3492','C37','C380','C381','C382','C383','C384','C388','C390','C399','C4000','C4001','C4002','C4010','C4011','C4012','C4020','C4021','C4022','C4030','C4031','C4032','C4080','C4081','C4082','C4090','C4091','C4092','C410','C411','C412','C413','C414','C419','C430','C4310','C4311','C43111','C43112','C4312','C43121','C43122','C4320','C4321','C4322','C4330','C4331','C4339','C434','C4351','C4352','C4359','C4360','C4361','C4362','C4370','C4371','C4372','C438','C439','C4400','C4401','C4402','C4409','C44101','C44102','C441021','C441022','C44109','C441091','C441092','C44111','C44112','C441121','C441122','C44119','C441191','C441192','C44121','C44122','C441221','C441222','C44129','C441291','C441292','C44131','C441321','C441322','C441391','C441392','C44191','C44192','C441921','C441922','C44199','C441991','C441992','C44201','C44202','C44209','C44211','C44212','C44219','C44221','C44222','C44229','C44291','C44292','C44299','C44300','C44301','C44309','C44310','C44311','C44319','C44320','C44321','C44329','C44390','C44391','C44399','C4440','C4441','C4442','C4449','C44500','C44501','C44509','C44510','C44511','C44519','C44520','C44521','C44529','C44590','C44591','C44599','C44601','C44602','C44609','C44611','C44612','C44619','C44621','C44622','C44629','C44691','C44692','C44699','C44701','C44702','C44709','C44711','C44712','C44719','C44721','C44722','C44729','C44791','C44792','C44799','C4480','C4481','C4482','C4489','C4490','C4491','C4492','C4499','C450','C451','C452','C457','C459','C460','C461','C462','C463','C464','C4650','C4651','C4652','C467','C469','C470','C4710','C4711','C4712','C4720','C4721','C4722','C473','C474','C475','C476','C478','C479','C480','C481','C482','C488','C488','C490','C4910','C4911','C4912','C4920','C4921','C4922','C493','C494','C495','C496','C498','C499','C49A0','C49A1','C49A2','C49A3','C49A4','C49A5','C49A9','C4A0','C4A10','C4A11','C4A111','C4A112','C4A12','C4A121','C4A122','C4A20','C4A21','C4A22','C4A30','C4A31','C4A39','C4A4','C4A51','C4A52','C4A59','C4A60','C4A61','C4A62','C4A70','C4A71','C4A72','C4A8','C4A9','C50011','C50012','C50019','C50021','C50022','C50029','C50111','C50112','C50119','C50121','C50122','C50129','C50211','C50212','C50219','C50221','C50222','C50229','C50311','C50312','C50319','C50321','C50322','C50329','C50411','C50412','C50419','C50421','C50422','C50429','C50511','C50512','C50519','C50521','C50522','C50529','C50611','C50612','C50619','C50621','C50622','C50629','C50811','C50812','C50819','C50821','C50822','C50829','C50911','C50912','C50919','C50921','C50922','C50929','C510','C511','C512','C518','C519','C52','C530','C531','C538','C539','C540','C541','C542','C543','C548','C549','C55','C561','C562','C569','C5700','C5701','C5702','C5710','C5711','C5712','C5720','C5721','C5722','C573','C574','C577','C578','C579','C58','C600','C601','C602','C608','C609','C61','C6200','C6201','C6202','C6210','C6211','C6212','C6290','C6291','C6292','C6300','C6301','C6302','C6310','C6311','C6312','C632','C637','C638','C639','C641','C642','C649','C651','C652','C659','C661','C662','C669','C670','C671','C672','C673','C674','C675','C676','C677','C678','C679','C680','C681','C688','C689','C6900','C6901','C6902','C6910','C6911','C6912','C6920','C6921','C6922','C6930','C6931','C6932','C6940','C6941','C6942','C6950','C6951','C6952','C6960','C6961','C6962','C6980','C6981','C6982','C6990','C6991','C6992','C700','C701','C709','C710','C711','C712','C713','C714','C715','C716','C717','C718','C719','C720','C721','C7220','C7221','C7222','C7230','C7231','C7232','C7240','C7241','C7242','C7250','C7259','C729','C73','C7400','C7401','C7402','C7410','C7411','C7412','C7490','C7491','C7492','C750','C751','C752','C753','C754','C755','C758','C759','C760','C761','C762','C763','C7640','C7641','C7642','C7650','C7651','C7652','C768','C770','C771','C772','C773','C774','C775','C778','C779','C7800','C7801','C7802','C781','C782','C7830','C7

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, 'A5','C84A6','C84A7','C84A8','C84A9','C84Z0','C84Z1','C84Z2','C84Z3','C84Z4','C84Z5','C84Z6','C8',
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, '040','D0410','D0411','D04111','D04112','D0412','D04121','D04122','D0420','D0421','D0422','D',
, '0430','D0439','D044','D045','D0460','D0461','D0462','D0470','D0471','D0472','D048','D049','D0

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'T8081',
OS'

Head Injury

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Thyroid Disorder

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Cardiovascular
Disease

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'E0952', 'E1052', 'E1152', 'E1352'

Hypertension	H35031,'H35032','H35033','I10','I110','I119','I120','I129','I130','I1310','I1311','I132','I150','I151','I152','I158','I159','I160','I161','I169','I674','I973','O10011','O10012','O10013','O10019','O1002','O1003','O10111','O10112','O10113','O10119','O1012','O1013','O10211','O10212','O10213','O10219','O1022','O1023','O10311','O10312','O10313','O10319','O1032','O1033','O10411','O10412','O10413','O10419','O1042','O1043','O10911','O10912','O10913','O10919','O1092','O1093','O111','O112','O113','O114','O115','O119','O131','O132','O133','O134','O135','O139','O1400','O1402','O1403','O1410','O1412','O1413','O1420','O1422','O1423','O1490','O1492','O1493','O1500','O1502','O1503','O159','O161','O162','O163','O164','O165','O169','P292','O1404','O1405','O1414','O1415','O1424','O1425','O1494','O1495','O151','O152'
Obesity	E6601,'E6609','E661','E662','E668','E669','Z6830','Z6831','Z6832','Z6833','Z6834','Z6835','Z6836','Z6837','Z6838','Z6839','Z6841','Z6842','Z6843','Z6844','Z6845','Z6854','O99210','O99211','O99212','O99213','O99214','O99215'
Type 2 Diabetes	E1100,'E1101','E1110','E1111','E1121','E1122','E1129','E11311','E11319','E11321','E113211','E113212','E113213','E113219','E11329','E113291','E113292','E113293','E113299','E11331','E113311','E113312','E113313','E113319','E11339','E113391','E113392','E113393','E113399','E11341','E113411','E113412','E113413','E113419','E11349','E113491','E113492','E113493','E113499','E11351','E113511','E113512','E113513','E113519','E113521','E113522','E113523','E113529','E113531','E113532','E113533','E113539','E113541','E113542','E113543','E113549','E113551','E113552','E113553','E113559','E11359','E113591','E113592','E113593','E113599','E1136','E1137X1','E1137X2','E1137X3','E1137X9','E1139','E1140','E1141','E1142','E1143','E1144','E1149','E1151','E1152','E1159','E11610','E11618','E11620','E11621','E11622','E11628','E11630','E11638','E11641','E11649','E1165','E1169','E118','E119','E1337X1','E1337X2','E1337X3','E1337X9','O24111','O24112','O24113','O24119','O2412','O2413'
Hemorrhagic Disorder	D66,'D67','D680','D681','D682','D68311','D68312','D68318','D684','D688','D689','D691','D692','D698','D699','M362','M363','N920','N921','N922','N923','P53','P616','P618','P619'
Systemic lupus erythematosus (SLE) or Other Connective Tissue Disorder	H01121','H01122','H01123','H01124','H01125','H01126','H01129','L4053','L930','L931','L932','M300','M301','M302','M303','M308','M310','M311','M312','M3130','M3131','M314','M315','M316','M317','M318','M319','M320','M3210','M3211','M3212','M3213','M3214','M3215','M3219','M328','M329','M3300','M3301','M3302','M3303','M3309','M3310','M3311','M3312','M3313','M3319','M3320','M3321','M3322','M3329','M3390','M3391','M3392','M3393','M3399','M340','M341','M342','M3481','M3482','M3483','M3489','M349','M3500','M3501','M3502','M3503','M3504','M3509','M351','M352','M353','M354','M355','M356','M357','M358','M359','M360','M368'
Heparin induced thrombocytopenia	'D7582'

Disseminated intravascular coagulation	'D65','P60'
Antiphospholipid syndrome	'D6861'
Paroxysmal nocturnal hemoglobinuria	'D595'
Thrombotic thrombocytopenic purpura	'D693'
Hemolytic uremic syndrome	'D593'
Renal Disease	D631,'D631','K9183','N000','N001','N002','N003','N004','N005','N006','N007','N008','N009','N010','N011','N012','N013','N014','N015','N016','N017','N018','N019','N020','N020','N021','N021','N022','N022','N023','N023','N024','N024','N025','N025','N026','N026','N027','N027','N028','N028','N029','N029','N030','N031','N032','N033','N034','N035','N036','N037','N038','N039','N040','N041','N042','N043','N044','N045','N046','N047','N048','N049','N050','N051','N052','N053','N054','N055','N056','N057','N058','N059','N060','N060','N061','N061','N062','N062','N063','N063','N064','N064','N065','N065','N066','N066','N067','N067','N068','N068','N069','N069','N070','N071','N072','N073','N074','N075','N076','N077','N078','N079','N08','N130','N131','N1330','N1339','N134','N135','N138','N139','N140','N140','N141','N141','N142','N142','N143','N143','N144','N144','N150','N158','N159','N16','N170','N171','N172','N178','N179','N181','N182','N183','N184','N185','N186','N189','N19','N23','N250','N251','N2581','N2589','N259','N261','N262','N269','N270','N271','N279','N280','N281','N2881','N2882','N2883','N2884','N2885','N2886','N2889','N289','N29','N990','N990','P960','Q600','Q601','Q602','Q603','Q604','Q605','Q6119','Q612','Q613','Q614','Q615','Q618','Q619','Q620','Q6239','Q638','Q639','R800','R801','R802','R803','R808','R809','R880','R880','T81502A','T81502D','T81502S','T81512A','T81512D','T81512S','T81522A','T81522D','T81522S','T81532A','T81532D','T81532S','T81592A','T81592D','T81592S','T8241XS','T8242XS','T8243XS','T8249XS','T85611A','T85611D','T85611S','T85621A','T85621D','T85621S','T85631A','T85631D','T85631S','T85691A','T85691D','T85691S','T8610','T8611','T8612','T8619','Y622','Y841','Z4901','Z4901','Z4902','Z4902','Z4931','Z4931','Z4932','Z4932','A1811','A1811','A3684','A3684','A5144','A5144','A5421','A5421','B2683','B2683','B520','B520','B5883','B5883','C641','C642','C649','C651','C652','C659','C7900','C7901','C7902','C7A093','D4101','D4102','D4110','D4111','D4112','D4112','D49511','D49512','D49519','E0821','E0821','E0821','E0822','E0822','E0822','E0829','E0829','E0921','E0921','E0921','E0922','E0922','E0922','E0929','E0929','E1021','E1021','E1021','E1022','E1022','E1022','E1029','E1029','E1121','E1121','E1121','E1122','E1122','E1122','E1129','E1129','E1321','E1321','E1321','E1322','E1322','E1322','E1329','E1329','I120','I120','I129','I129','I130','I130','I130','I1310','I1310','I1311','I1311','I132','I132','I132','M1030','M10311','M10312','M10319','M10321','M10322','M10329','M10331','M10332','M10339','M10341','M10342','M10349','M10351','M10352','M10359','M10361','M10362','M10369','M10371','M10372','M10379','M1038','M1039','M1A30X0','M1A30X1','M1A3110','M1A3111','M1A3120','M1A3121','M1A3190','M1A3191','M1A3210','M1A3211','M1A3220','M1A3221','M1A3290','M1A3291','M1A3310','M1A3311','M1A3320','M1A3321','M1A3390','M1A3391','M1A3410','M1A3411','M1A3420','M1A3421','M1A3490','M1A3491','M1A3510','M1A3511','M1A3520','M1A3521','M1A3590','M1A3591','M1A3610','M1A3611','M1A3620','M1A3621','M1A3690','M1A3691','M1A3710','M1A3711','M1A3720','M1A3721','M1A3790','M1A3791','M1A38X0','M1A38X1','M1A39X0','M1A39X1','N10','N110','N111','N118','N119','N12','N136','N151','O0332','O0382','O0482','O0732','O084','O1210','O1210','O1211','O1211','O1212','O1212','O1213','O1213','O1214','O1214','O1215','O1215','O1220','O1220','O1221','O1221','O1222','O1222','O1223','O1223','O1224','O1224','O1225','O1225','O26831','O26831','O26832','O26832','O26833','O26833','O26839','O26839','O904','O904','T81711S','T8571XA','T8571XD','T8571XS','T8613','O1022','O1022','O1022','O1023','O

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Liver Disease

E8021', 'E804', 'K700', 'K700', 'K7010', 'K7010', 'K7011', 'K7011', 'K702', 'K702', 'K7030', 'K7030', 'K7031', 'K7031', 'K7040', 'K7040', 'K7041', 'K7041', 'K7041', 'K7041', 'K709', 'K709', 'K710', 'K710', 'K7110', 'K7110', 'K7111', 'K7111', 'K7111', 'K712', 'K712', 'K713', 'K713', 'K714', 'K714', 'K7150', 'K7150', 'K7151', 'K7151', 'K716', 'K716', 'K717', 'K717', 'K718', 'K718', 'K719', 'K719', 'K7200', 'K7201', 'K7201', 'K7210', 'K7211', 'K7211', 'K7290', 'K7291', 'K7291', 'K730', 'K731', 'K732', 'K738', 'K739', 'K740', 'K741', 'K742', 'K743', 'K744', 'K745', 'K7460', 'K7469', 'K751', 'K752', 'K753', 'K754', 'K7581', 'K7589', 'K759', 'K760', 'K761', 'K762', 'K763', 'K764', 'K765', 'K766', 'K767', 'K7681', 'K7689', 'K769', 'K77', 'K9182', 'K9182', 'P7881', 'P7884', 'Q446', 'Q447', 'T8640', 'T8641', 'T8642', 'T8649', 'A5145', 'A5145', 'A5274', 'A5274', 'B0081', 'B0081', 'B150', 'B150', 'B150', 'B159', 'B159', 'B160', 'B160', 'B160', 'B161', 'B161', 'B162', 'B162', 'B162', 'B162', 'B169', 'B169', 'B170', 'B170', 'B1710', 'B1710', 'B1711', 'B1711', 'B1711', 'B172', 'B172', 'B178', 'B178', 'B179', 'B179', 'B180', 'B180', 'B181', 'B181', 'B182', 'B182', 'B188', 'B188', 'B189', 'B189', 'B190', 'B190', 'B190', 'B1910', 'B1910', 'B1911', 'B1911', 'B1911', 'B1920', 'B1920', 'B1921', 'B1921', 'B1921', 'B199', 'B199', 'B251', 'B251', 'B2681', 'B2681', 'B581', 'B581', 'B670', 'B670', 'B675', 'B675', 'C220', 'C221', 'C222', 'C223', 'C224', 'C227', 'C228', 'C229', 'C787', 'C7B02', 'K750', 'K9183', 'O26611', 'O26611', 'O26612', 'O26612', 'O26613', 'O26613', 'O26619', 'O26619', 'O2662', 'O2662', 'O2663', 'O2663', 'P353', 'P353', 'T8643', 'O98411', 'O98411', 'O98412', 'O98412', 'O98413', 'O98413', 'O98419', 'O98419', 'O9842', 'O9842', 'O9843', 'O9843'

Supplemental Table 2: Gender- and age group-specific prevalence of co-occurring conditions among inpatient admissions, overall and among persons hospitalized for cerebral venous sinus thrombosis (CVST), in the Healthcare Cost and Utilization (HCUP), 2018 National Inpatient Sample (NIS)

	General Inpatient Population Weighted N=35,527,481 Weighted % (95% CI)	CVST^b Weighted N=9,310 Weighted % (95% CI)
Hemorrhagic Stroke		
Male, 18-49 Years	0.6 (0.6 - 0.7)	17.1 (12.6 - 21.5)
Female, 18-49 Years	0.2 (0.2 - 0.2)	18.4 (15.1 - 21.7)
Male, 50+ Years	1.2 (1.2 - 1.3)	20.6 (16.5 - 24.7)
Female, 50+ Years	1.0 (1.0 - 1.1)	22.1 (18.0 - 26.2)
Ischemic Stroke		
Male, 18-49 Years	2.1 (2.0 - 2.2)	19.7 (14.7 - 24.7)
Female, 18-49 Years	0.9 (0.9 - 1.0)	22.0 (18.5 - 25.4)
Male, 50+ Years	9.0 (8.9 - 9.1)	31.6 (26.9 - 36.3)
Female, 50+ Years	8.2 (8.1 - 8.3)	32.7 (28.1 - 37.3)
Other VTE		
Male, 18-49 Years	2.6 (2.5 - 2.6)	21.6 (16.7 - 26.5)
Female, 18-49 Years	1.2 (1.2 - 1.3)	15.6 (12.4 - 18.8)
Male, 50+ Years	3.3 (3.2 - 3.3)	18.4 (14.4 - 22.5)
Female, 50+ Years	3.0 (2.9 - 3.0)	15.6 (12.1 - 19.1)

^aInternational Classification of Disease, tenth revision, clinical modification codes indicating co-occurring condition listed anywhere on inpatient claim record.

^bAmong individuals with International Classification of Disease, tenth revision, clinical modification code for CVST listed anywhere on inpatient claim record.