

### **Arterial Ischemic Stroke (AIS)**

A patient will be eligible for the study if s/he meets all of the following criteria for each stroke type:

	<b>AIS</b>	Notes
Event Dx	Diagnosed after January 01, 2003	
Age	Patient between $\geq 36$ weeks and 18 years of age	Pre-term included if stroke onset was in childhood
Clinical Criteria	Focal neurological deficit of acute onset lasting greater than 20 minutes	
Radiological Criteria	CT or MRI showing infarct in location consistent with neurological signs and symptoms	Can include Hypoxic ischemic event with diffuse or bilateral infarction if there is a definite focal, single arterial infarct in a specified vascular territory.
Exclusions: <ul style="list-style-type: none"><li>• Pre-term not included</li><li>• Cerebral haemorrhage not associated with ischemic infarct</li><li>• HIE with diffuse or bilateral infarction alone</li></ul>		

### **Cerebral Sinoveous Thrombosis (CSVT)**

A patient will be eligible for the study if s/he meets all of the following criteria for each stroke type:

	<b>CSVT</b>	Notes
Event Dx	Diagnosed after January 01, 2003	
Age	Patient pre-term to 18 years of age	Pre-term babies included
Clinical Criteria	Any transient neurological dysfunction including headache, seizure, decreased level of consciousness, focal neurological signs consistent with CSVT	
Radiological Criteria	Thrombosis of cerebral veins or venous sinus seen on MRI, MR venography or CT venography	CT alone if definite is acceptable for older infants and children, but not for neonates under 1 month of age
Exclusions: <ul style="list-style-type: none"><li>• Cerebral haemorrhage not associated with ischemic infarct</li><li>• HIE with diffuse or bilateral infarction alone (not associated with one of the above conditions)</li></ul>		

### **Cerebral Vascular Conditions (other than CSVT/AIS)**

A patient will be eligible for the study if s/he meets all of the following criteria for each stroke type:

	General	Notes
--	---------	-------

Other Conditions of Interest	Presumed Perinatal Ischemic Strokes: Infants and children whose stroke is presumed to have occurred in the prenatal or perinatal period	These patients have normal development history up until 4-8 months of age, when they present with early hand preference or hemiparesis OK To include PPCSVT if premature.
	Arteriopathy without stroke	Pre-term OK if arteriopathy dx as older child.
	Arteritis, vasculitis, vasculopathy, Moya Moya with no clinical events or TIA	
	Dissections without stroke (can also include those from traumatic brain injury)	
	Watershed infarct with Sickle Cell Disease	
<p>Exclusions:</p> <ul style="list-style-type: none"> <li>• Presumed Perinatal AIS if child is premature</li> <li>• Any cerebral artery narrowing with TIA alone. IPSS applies the term TIA (transient ischemic attack) to transitory (less than 24 hours) neurological deficit of vascular origin with no visible (new) infarct on neuroimaging</li> </ul> <p>Silent infarcts without arteriopathy. If there is an Arteriopathy, can be enrolled on the basis of arteriopathy and “other condition of interest” would be Silent Infarct.</p>		