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Pediatric Stroke Outcome Measure (PSOM-SNE) Short Neuro Exam Child Version (Ages 2 and older) Infant Version (Birth to Two Years)

Availability	<p>This instrument is not currently available on the NINDS CDE website; however, copyright permission has been granted. If you wish to obtain a copy of the instrument, please submit your request to NINDSCDE@EMMES.com.</p> <p>Request:</p> <p>Child Version (Children Aged 2 Years and Older)</p> <p>And/Or</p> <p>Infant Version (Infants Term Birth to Two Years)</p>
Classification:	<p>Supplemental - Highly Recommended: Stroke (based on study type, disease stage and disease type)</p>
Short Description of Instrument:	<p><u>Purpose</u></p> <p>This scale assesses neurologic deficit severity following pediatric ischemic stroke.</p> <p><u>Overview</u></p> <p>The PSOM is a composite of clinical and radiographic information and a detailed neurologic examination. The measure was published in 2000.</p> <p><u>Time</u></p> <p>Varies depending on the examination results for the 115 test items</p> <p><u>Scoring</u></p> <p>The neurologic examination of the PSOM contains 115 test items ordered developmentally in the areas of behavior, mental status, cranial nerves, motor functions, sensory function, cerebellar function, and gait function. At the completion of the examination, a deficit severity score ranging from 0 (no deficit) to 2 (severe deficit) is assigned for each of five spheres: right sensorimotor (including motor, visual, hearing, and somatosensory function), left sensorimotor, language production, language comprehension, and cognitive and behavioral performance. The patient is assigned an overall Deficit Severity Score of normal, mild, moderate, or severe for each assessment, based on the combination of scores in the individual spheres of the PSOM.</p> <p><u>Psychometric Properties</u></p> <p>The PSOM has demonstrated reliability and validity.¹ It has been used in several neonatal/ childhood stroke studies to assess neurological deficit severity.</p>

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References:	<p>DeVeber G, MacGregor D, Curtis R (2000). Neurologic Outcome in Survivors of Childhood Arterial Ischemic Stroke and Sinovenous Thrombosis. <i>Journal of Child Neurology</i>, 15, 316-324.</p> <p>Hartel C, Schilling S, Sperner J, Thyen U (2004). The clinical outcomes of neonatal and childhood stroke: review of the literature and implications for future research. <i>European Journal of Neurology</i> 2004, 11: 431-438</p>
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