

51. NEUROLOGICAL OUTCOME AT DISCHARGE FROM HOSPITAL

Definition/Description:

- The neurological outcome of the patient at the time of hospital discharge, defined by the simple and validated Cerebral Performance Categories (CPC) scale.
- Survival without higher neurological function is suboptimal; therefore, it is important to attempt to assess neurological outcome at time of discharge.

Instructions for Coding:

- This field is applicable only if the patient survived to hospital discharge (Hospital Outcome = Discharged Alive).
- Select the neurological outcome that is most appropriate based on the adult and pediatric definitions below.
 - If a patient is discharged to a "Skilled Nursing Facility/Hospice" with "Good Cerebral Performance (CPC 1)" at time of discharge, CARES will prompt the user to clarify in the Hospital Comments box.
 - If a patient is discharged to a "Home/Residence" with "Severe Cerebral Disability (CPC 3)" or "Coma, vegetative state (CPC 4)" at time of discharge, CARES will prompt the user to clarify in the Hospital Comments box.
- For reporting purposes, CARES groups CPC 1 & 2 as a positive neurological outcome and CPC 3 & 4 as a poor neurological outcome.

Neurological Outcome at Discharge From Hospital	Adult Definition
Good Cerebral Performance (CPC 1)	Conscious, alert, able to work and lead a normal life.
Moderate Cerebral Disability (CPC 2)	Conscious and able to function independently (dress, travel, prepare food), but may have hemiplegia, seizures, or permanent memory or mental changes.
Severe Cerebral Disability (CPC 3)	Conscious, dependent on others for daily support because of impaired brain function (in an institution or at home with exceptional family effort).
Coma, vegetative state (CPC 4)	Not conscious. Unaware of surroundings, no cognition. No verbal or psychological interactions with environment.

Pediatric/Neonate Cerebral Performance Categories Scale	CARES Coding
PCPC 1 (Normal) - Age-appropriate level of functioning; preschool child developmentally appropriate; school-age child attends regular classes. Neonate – No obvious neurological abnormalities.	Good Cerebral Performance (CPC 1)
PCPC 2 (Mild cerebral disability) – Able to interact at an age-appropriate level; minor neurological disease that is controlled and does not interfere with daily functioning (i.e. seizure disorder that is well controlled with medication); preschool child may have minor developmental delays, but more than 75% of all daily living milestones are above the 10 th percentile; school-age child attends regular school, but grade is not appropriate for age, or child is failing appropriate grade because of cognitive difficulties. Neonate – Minor neurological abnormality; neurological disease that is controlled and does not interfere with daily functioning.	Moderate Cerebral Disability (CPC 2)
PCPC 3 (Moderate cerebral disability) – Below age-appropriate functioning; neurological disease that is not controlled and severely limits activities; most activities of preschool child's daily living developmental milestones are below the 10 th percentile; school-age child can perform activities of daily living, but attends special classes because of cognitive difficulties and/or has a learning deficit. Neonate – Neurological disease that is not controlled (i.e. breakthrough seizures despite medications which affect responsiveness to environment).	Moderate Cerebral Disability (CPC 2)

<p>PCPC 4 (Severe cerebral disability) – Preschool child’s activities or daily living milestones are below the 10th percentile, and child is excessively dependent on others for provision of activities of daily living; school-age child may be so impaired as to be unable to attend school and is dependent on others for provision of activities of daily living; abnormal motor movements for both preschool and school-age child may include non-purposeful, decorticate, or decerebrate responses to pain.</p> <p>Neonate – Obvious severe neurological disorder. Abnormal motor movements may include non-purposeful, decorticate, or decerebrate response to pain.</p>	<p>Severe Cerebral Disability (CPC 3)</p>
<p>PCPC 5 (Coma or vegetative state) - Any degree of coma. Unaware, even if awake in appearance, without clear or consistent interaction with environment. Unresponsive with no evidence of cortical function (not aroused by verbal stimuli). Possibility of some reflexive response, spontaneous eye-opening, and sleep-wake cycles.</p>	<p>Coma, vegetative state (CPC 4)</p>