

Pediatric Intensive Care Research Core Outcome Set (PICU COS)

Global Domain	Definition	Sub-Domain	Definition
Cognitive Function	General skills related to how the critically ill child takes in information, thinks, learns, and interacts with the world around them. They may involve the ability to communicate with others or to focus on, think about, comprehend and remember information. These skills typically advance over time as children develop.	Child Communication	Impact of critical illness on the child's ability to process information exchanged between individuals through a common system of symbols, signs, or behavior.
Emotional Function	General effects on the critically ill child's mental health, emotional experiences and functioning. This includes, but is not limited to: mood and feelings of joy, anger, hope, fear, and sadness; ability to identify and express feelings; and diagnoses or symptoms of anxiety, depression, and post-traumatic stress disorder.		
Overall Health	The overall impact of the child's critical illness on their physical, social, emotional, and cognitive function including activities of daily living, sleep and pain.	Child Survival	The critically ill child's ability to survive to an expected or determined endpoint.
		Child Health - Related to Quality of Life	A comprehensive measure of how the critically ill child's health affects his/her perception of life satisfaction or enjoyment.
		Child Pain	A range of physical or emotional distress experienced by the critically ill child due to pain from the critical illness.
Physical Function	The general ability of the critically ill child's body to support movement, strength, and age-appropriate functions related to essential activities necessary to maintain health and well-being in addition to nonessential activities that impact the quality of life.		