Neurologic Assessment of Critically III Children

Demographics

What is your current position?
CU attending
O ICU nurse
Other (please specify)
What is the name of your hospital/institution?
Please indicate which unit you will answer the remainder of the survey questions about.
O PICU
CICU
Combined PICU/CICU
How many beds are there in the unit selected in the prior question.
Neurologic Assessment of Critically III Children
Neurologic Assessment of Critically III Children Assessment of Neurologic Function
Assessment of Neurologic Function
Assessment of Neurologic Function Are routine neurologic assessments or "neuro checks" performed on patients in your ICU?
Assessment of Neurologic Function Are routine neurologic assessments or "neuro checks" performed on patients in your ICU? Yes
Assessment of Neurologic Function Are routine neurologic assessments or "neuro checks" performed on patients in your ICU? Yes
Assessment of Neurologic Function Are routine neurologic assessments or "neuro checks" performed on patients in your ICU? Yes No
Assessment of Neurologic Function Are routine neurologic assessments or "neuro checks" performed on patients in your ICU? Yes No Who determines the frequency of these neurologic assessments? (Select all that apply)
Are routine neurologic assessments or "neuro checks" performed on patients in your ICU? Yes No Who determines the frequency of these neurologic assessments? (Select all that apply) MD discretion
Are routine neurologic assessments or "neuro checks" performed on patients in your ICU? Yes No Who determines the frequency of these neurologic assessments? (Select all that apply) RN discretion
Are routine neurologic assessments or "neuro checks" performed on patients in your ICU? Yes No Who determines the frequency of these neurologic assessments? (Select all that apply) MD discretion RN discretion Institution Protocol

Is there a minimum frequency of routine neurologic assessments for patients in your ICU?
○ No
Yes. Please enter frequency in hours below. (i.e. if they are preformed q 4 hours, enter the number 4)
For general ICU patients, (i.e. those without acute brain injury or those not at high risk for brain injury) how frequently are neurologic assessments performed?
Not routinely performed
Routinely preformed with the following frequency (i.e. if they are preformed q 4 hours, enter the number 4)
For patients with acute brain injury (e.g. TBI, stroke, status epilepticus, cardiac arrest), how frequently are neurologic assessments performed?
Not routinely performed
Routinely preformed with the following frequency (i.e. if they are preformed q 4 hours, enter the number 4)
For patients at high risk for brain injury, but without acute brain injury (e.g. shock, ECMO, liver failure, etc.) how frequently are neurologic assessments performed? Not routinely performed
Routinely preformed with the following frequency (i.e. if they are preformed q 4 hours, enter the number 4, must be a whole number)
Neurologic Assessment of Critically III Children
Components of Neurologic Assessment
Who performs routine neurologic assessments in your ICU? (check all that apply)
Nurses
Front line care providers (i.e. residents, NP's, PA's)
CU Fellows
ICU Attendings
Other (please specify)
Are the components of a routine neurologic assessment standardized in your ICU?
○ Yes
○ No

A routine neurologic assessment or neuro check in y	our ICU includes? (Check all that apply)
Glascow Coma Scale (GCS)	Corneal Reflex
Alert Voice Pain Unresponsive (AVPU)	Cough
Full Outline of UnResponsiveness (FOUR) Score	Gag Reflex
Pupillary Reflex	4 Extremity Strength
Other (please specify)	
If you care for neonates, do you use a specific neona	tal neurologic assessment scale?
O No	
Yes (please specify which scale is used)	
Neurologic Assessme	nt of Critically III Children
GCS Questions	
Is a specific pediatric Glasgow Coma Scale (GCS) us	sed in your ICU2
Yes	300 m your 100 .
○ No	
If yes, what is the cut-off age for use of the pediatric	scale?
≤1 year old	
≤ 2 years old	
≤ 3 years old	
≤ 4 years old	
≤ 5 years old	
Other (please specify)	
For intubated nationts in your ICLL how is the CCS \	orbal Dagnanaa raagreed
For intubated patients in your ICU, how is the GCS V Best verbal response	еграї кезропѕе гесогаец.
Non-testable	
No response	
Unsure	
Variable depending on provider	

Plea	ase paste your pediatric GCS scale below (Optional)
	ase rate the following statement: GCS is a valuable tool for serial assessment of neurologic function in CU setting.
\bigcirc	1, Strongly Agree 2, Agree 3, Neutral 4, Disagree 5, Strongly Disagree
	Neurologic Assessment of Critically III Children
Doo	cumentation of Neurological Assessment
	patient's neurologic status on routine assessment has declined from the prior assessment, is this nge communicated to the medical team?
	Yes
\bigcirc	No
\bigcirc	Depends on the finding and severity or degree of the neurologic decline
Wha	at triggers communication regarding a change in neurologic status? (select all that apply)
	RN discretion
	By ICU protocol
	Individualized per patient
	Physician order
	Other (please specify)
Hov	v are changes in neurologic status documented? (select all that apply)
	Neurologic assessment section in Electronic Medical Record
	Free text nursing comments in Electronic Medical Record
	Physician progress note in Electronic Medical Record
	Not routinely documented
	Other (please specify)

Neurologic Assessment of Critically III Children

Optimization of Neurologic Assessment

For children admitted to the ICU with chronic brain injury (i.e. chronic static encephalopathy) is there a standardized way of characterizing their pre-illness neurologic functioning in your ICU?
Yes
No No
Please explain
Would a system to more clearly define pre-illness neurologic functioning of patients be beneficial to your practice?
Yes
No No
Please explain
Do you think your current practice is the optimal way to monitor neurologic status in ICU patients?
Yes
No No
Please describe
What do you think could be done to improve neurologic assessment in critically ill patients?
Other comments