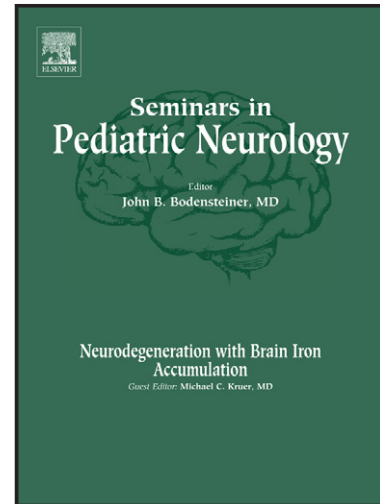


Author's Accepted Manuscript

The practice of pediatric neurocritical care by the child neurologist.

James J. Riviello Jr. M.D., Cherylee Chang M.D.



www.elsevier.com/locate/enganabound

PII: S1071-9091(14)00098-9
DOI: 10.1016/j.spen.2014.12.007
Reference: YSPEN526

To appear in:
Semin Pediatr Neurol

Cite this article as: James J. Riviello Jr. M.D., Cherylee Chang M.D., The practice of pediatric neurocritical care by the child neurologist., *Semin Pediatr Neurol* , 10.1016/j.spen.2014.12.007

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

The Practice of Pediatric Neurocritical Care by the Child Neurologist.

James J. Riviello, Jr., M.D., Cherylee Chang, M.D.

Morgan Stanley Children's Hospital of New York Presbyterian and the Queens Medical Center, Columbia College of Physicians and Surgeons and the University of Hawaii.

Abstract:

Pediatric neurocritical care has emerged as a defined subspecialty in child neurology and requires a collaborative effort among the child neurologist, pediatric critical care medicine specialist and the pediatric neurosurgeon. Pediatric neurocritical care has evolved differently in children than in adults and its delivery depends upon the local resources available for pediatric care. This paper reviews the current practice of pediatric neurocritical care by the child neurologist: where it is practiced, how it is practiced, the disorders encountered (that differ from adult neurocritical care), the training required to care for these disorders, and what is needed for the future of pediatric neurocritical care.

Introduction:

The goal of neurocritical care (NCC) is to improve the outcome for patients with life-threatening central nervous system (CNS) disorders (1). Once brain injury has occurred, NCC must prevent secondary brain injury, applying neuroprotection techniques and treatment before an irreversible CNS insult develops. Technologic advances in respiratory care, neuroanesthesiology, and post-operative neurosurgical care and especially, a strong collaborative effort among neurologists, anesthesiologists, and neurosurgeons contributed to the development of the dedicated neurologic intensive care unit (ICU) (2). NCC is now an established subspecialty of Neurology with

Download English Version:

<https://daneshyari.com/en/article/6042763>

Download Persian Version:

<https://daneshyari.com/article/6042763>

[Daneshyari.com](https://daneshyari.com)