

The role of neuroisualization research in neonatal surgery

Igamova S.S.

Samarkand State Medical Institute,
Republic of Uzbekistan

Abstract

Infant mortality of developmental abnormalities in the world rank third. The severity of the condition of such children at birth is often due to pulmonary-cardiac insufficiency, unstable hemodynamics, which increases the risk of perinatal CNS damage. Recent advances in pediatric neurology, pediatric surgery and neonatology in recent years have identified the possibility of providing emergency care for newborn children with severe developmental anomalies.

Neurosonography is traditionally used as the main method for early diagnosis of structural brain lesions in newborns. The method is widely used in connection with general accessibility, safety and low invasiveness, and is invaluable in diagnosing brain lesions in children in hospital units, transportation of which is impossible for MRT studies due to the severity of the condition.

Information of a higher degree and the nature of the anatomical structures of the brain can be produced by the MRI method, this method is characterized by the absence of radiation load on the body, the possibility of research in various planes without moving the patient, and high tissue contrast. In addition, MRI is a standardized reproducible method, which makes it more objective than other types of neuroimaging, including neurosonography.

Biography:

Igamova S.S, Lecturer of the department, candidate of medical sciences, Responsible for scientific work and work with foreign students.Samarkand State Medical Institute, Republic of Uzbekistan

Speaker Publications:

1. "Morphological structure of encephalomyelitis and myelitis using several treatments (experimental research)"
2. "Morphological study of rat brain in the experiment with chronic encephalitis under the action of ozonized neuroprotectors"
3. "Modern methods of diagnostics of polyneuropathy"

[14th World Pediatric Congress](#); Webinar – December 11, 2020.

Abstract Citation:

Igamova S.S., The Role Of Neuroisualization Research In Neonatal Surgery, WPC 2020, 14th World Pediatric Congress; Webinar- December 11, 2020.

<https://pediatrics-congress.conferenceseries.com/>

