

ULTRASOUND DIAGNOSTICS IN INTRACRANIAL DISORDERS IN INFANCY

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Neurosonology is the latest and perhaps most dynamically advancing method of intracranial examination for neonates and infants. In the past two and a half years we examined over 300 children based on pediatric, pediatric neurology or neurosurgery indication.

We did the examinations using standard technology, ourselves developed, that proved suitable for documentating the intracranial status and for continuous follow-ups of change in pathological states. We proved the accuracy of our clinical diagnoses by using control methods / CT- iodine ventriculography /.

Our experience is that echotomography is excellent for primary examination and follow-up of intracranial pathologies and development disorders, as well as for routine screening in pathological neonate departments to discover intracranial hemorrhage. It is also a versatile tool in outpatient care, where it can be used to conduct primary non-invasive examinations of infants with any pathological growth in head circumference, to discover hydrocephalus or other disorders.