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Cost-Effective CT & MRI Contrast Agents





# Celebrating 35 Years of the AJNR: January 1983 edition

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#### Celebrating 35 Years of the AJNR

January 1983 edition

### Computed Tomography of the Brain Stem with Intrathecal Metrizamide.

Part I: The Normal Brain Stem

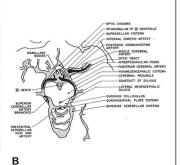
A. John Silver Sadek K. Hilal S. Ramaiah Ganti Detailed anatomy of the brain stem and cervicomedullad demonstrated with metrizamide computed tomographic surface anatomy is unusually well outlined. Nine distinct of section are described: four levels in the medulla, three mesencephalon. Surface features of the brain stem, fin fourth ventricle, cranial nerves, and vascular structures as

relatively accurate integrang of the brain stem and core ming following intrathecal administration of metriz amuse of surface features of the brain stem such as the vest sucleus, pyramids, and olivary protuberance has bed details have not been routinely demonstrable in the pa Many authors [1, 2] have already emphasized the cisternography and its superiority to brain pringing the procedures rely on subtle displace graphy. These latter procedures rely on subtle displace

ration of the various collections of contrast agent and a of features encountered in nontomographic contrast s Improved visualization of the details of the brain set allowed the detection of subtle morphologic change subarachnoid space not previously appreciated. Districtives useral feed after the property of the details of the property of the

good examples of the value of this method. A detailed anatomy of the brain stem, cerebellum, and fourth ventricle on CT cisternograph





/February 983 issue

1983 issue of AJNR and the March 1983 issue of AJR.

sion July 23, 1982.

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#### Materials and Methods

From those patients who ical institute in an 18 montl of the brain stem in 30 who Metrizamide was introdu more often through a C1-C medium. The average amount children. The use of metrix however, in our experience risks of the contrast agent in the hour after injection. scanner using primary rec diameter on a 512 x 512 t

# Dyke Postmortem CT and Award Autopsy in Perinatal Intracranial Hemorrhage

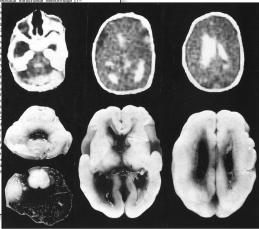
B. Ludwig¹ K. Becker² G. Rutter² J. Bohl³ M. Brand⁴ To improve interpretation of intracranal computed tomographic infinings in vivo postmerters computed tomography as correlated directly with autopsy findings in opportunities of the control of the contr

In recent years, computed tomography (CT) and sonography of newborns have greatly improved our understanding of peopatal intracranial hemography

greatly improved our understanding of ne10). New insights into in vivo morphology c
[11–15] have made it possible to predict the
control of a morphologic diagnostic procedt
pathologic confirmation of its accuracy, the
tion of CT and postmortem pathology [16–2
Postmortem CT provides a unique metho
detecting and characterizing intracranial p

detecting and characterizing intracranial (1) CT findings and pathology can be dir progression of pathology can be dir progression of pathology in the highly can be directly study and the postmorter examination. Testudy and the postmorter examination requires delay for proper brain fixation price to the progression of the progression

before autopsy in the Department of Neui We have tried to delineate some aspects o postmortem CT and autopsy. Preliminary



eceived July 15, 1992; accepted after revi-September 15, 1982. resented at the XII International Symposium oradiologicum, Washington, D.C., October 2.

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