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Celebrating 35 Years of the AJNR: September 1987 edition

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Celebrating 35 Years of the AJNR

September 1987 edition

Transluminal Angioplasty of the Vertebral and Basilar Artery

Randall T. Higashida Grant B. Hieshima Fong Y. Tsai Van V. Halbach David Norman Transtuminal angioplasty of brachlocophalic vessels for atherosclerotic lesions is more being performed in selected cases. We have thus far treated 17 cases of vertebral artery steroois and one case of basiliar artery steroois by intravascular balloon dilatation on the control of the contro

These initial studies indicate that vertebral artery angioplasty may be effective for treating high-grade atherosclerotic lesions and for improving blood flow to the posterior circulation. Angioplasty of the basilar artery is technically more difficult and has a higher degree of right because of the many professing beauties purpoke supplying the springer.

Percutaneous transfurnia angioplasty (PTA) is being performed with increasing frequency in the innominate, subdavian, external, and internal carotid vessels [1-11]. Thus far, this technique appears to be effective for the treatment of hemodynamically significant atherosolerotic lesions. This is particularly important for brooking to located in areas that are more difficult to treat surgically, such as the proximal vertebral and basis arratives. We report our experience with transfurnial poliphasty in 17 cases of hemodynamically significant atherosolerotic lesions of the weterbal and result on one case of stemosystems.

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Subjects and Methods

Patients included 10 men and seven women ranging in age from 46-77 years old (men. 62-5). Perculamous transhimal angiologist (PTA) of the vertical artiery was performed in 13 patients who presented clinically with symptoms of verteiral basiar insufficiency, including circless, diplopis, blacial numbers, sexuadre haddeches, weekness, and ataxia. Two patients presented with symptoms of multiple transient posterior circulation isotheric attaxis. Two patients presented with symptoms of multiple transient posterior circulation isotheric attaxis, which included transient cortical bifurdies, amongy disturbance, and rystagirum. Two patients presented with multiple emiscle strokes and had symptoms of historymous hermitians of the patient of the properties of the pro

are accepted for PTA.

In 15 patients, PTA was performed on the dominant proximal vertebral artery for athero-





Chiari II Malformation: MR Imaging Evaluation

Samuel M. Wolpert¹
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R. Michael Scott²
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The purpose of this study was to explore the value of high-detail MR imaging in the diagnosis of the Chiari II malformation. Twenty-lour patients with known Chiari II malformation as diagnosed by CT scanning were evaluated with cranial MR scans. Two salietins also had spire scans. The sagittal-plane images were the most informative, and abnormatilizes of the tellerosphario, diencephalon, diencephalon, mesencephalon, homboen-most plane of the diencephalon, diencephalon, mesencephalon, homboen-most plane of the diencephalon, diencephalon, mesencephalon, homboen-most plane.

We found MR to be an easy and accurate method for demonstrating the abnormalities of the Chiari II malformation, and it is our procedure of choice.

The Chiari II malformation is a complex developmental deformity characterized by an eclongated small cerebellum and brainstem with causal displacement purposes and cerebellum and pores through an enlarged foramen magnum medulla, parts of the cerebellum, and pons through an enlarged foramen magnum medulla, parts of the cerebellum, and pons through an enlarged foramen magnum purpose, and into the cervical signal cand III 1, a meningonyelocole is a nearly constant and part partying feature, as is hydrocephalus. In addition, numerous other malformations of the neutrasis including polymicrogyria, subpendymal heterotopias, bached heterot

We had the opportunity to evaluate 2.4 patients with China! Il malformation with high-detail MR imaging. Most abnormalities previously described as seen by CT [2–5] were also seen by MR. In this article we review these abnormatities and report on other associated features of the Chiari malformation that either have a greater frequency than has previously been reported or that have not been

Subjects and Methods

Twenty-four patients with memogramydocoles and known Chair ill mathematicins. I Cape cold, the worm 6-15 ware old, few who 6-10 years old, and 11 were 10-50 years of 12 get old, the worm 6-15 ware old, few who 6-10 years old and 11 were 10-50 years of in 2 get old per section of the cape of the cape of the cape old of the cape of the cap

Results

The results are categorized by the involvement of the different embryologic parts of the brain and are summarized in Table 1.



