Multiple intracranial dural arteriovenous fistula

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Abstract

Dural arteriovenous fistula (DAVF) is also known as dural arteriovenous malformation. Two forms of DAVF have been introduced, however, here we present an exceptional case of DAVF with unique origin and drainage. In this study, we present a rare case of multiple DAVFs in a 50 year old man with right parietal intraparenchymal hemorrhage. MRI showed two round right parieto-occipital masses with flow void intensity adjacent to superior sagittal sinus (SSS). Another pathology connected to SSS by an abnormal cortical vein was detected anterior to first lesion. This study showed that both DAVFs were simultaneously drained in SSS in our patient.

Key words: Arteriovenous malformation, multiple dural arteriovenous fistula, multiple lesions