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Cervical perimedullary AVF with feeding artery aneurysm - Endovascular treatment with review of literature

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Perimedullary AV fistula is not common disease. Here we present a case of 11-year-old boy who presented with sudden onset severe headache and neck pain for 1 day. He was having similar episodes in the past and treated as migraine. Imaging revealed SAH in posterior fossa and cervical subarachnoid space. There were multiple flow voids around lower cervical cord suggesting vascular malformation. Patient underwent spinal and brain DSA, which revealed diagnosis of single hole single feeder cervical perimedullary AVF with feeding artery aneurysm as a cause of SAH. He was treated by endovascular means with 5 month imaging follow up.

Biography

Rahul Srinivasan is pre final resident in Neurosurgery department at Medical Trust Hospital Kochi, Kerala. He is also member of Cochin neurological society and neurological society of India. He has co authored various articles in field of neurotrauma. Last article related to ICP monitoring was published in Acta Neurochirurgica in 2018. During his post graduation he has assisted multiple cranial, spinal surgeries and endovascular procedure. He has won best poster award at PULSUS Conference at Singapore conducted in September 2018. His current research also continues in field of Neuro trauma.

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