PAEDIATRIC STROKE- MOYAMOYA DISEASE IN 2 YEAR-OLD GIRL: A CASE STUDY

ABSTRACT

***Importance.*** Moyamoya disease is a rare neurological disorder whereby the vessels in Circle of Willis become progressively occluded. It can be misdiagnosed as vasculitis or intracranial bleed which might mimic the presentation but has different diagnostic and therapeutic algorithm. This might lead delay to treatment. This warrants a necessity of a thorough patient history and immediate neuroimaging findings. ***Results.*** We report a case of a 2-year-old girl with no relevant medical history presented with sudden onset of right-sided body weakness. MRI and MRA had been performed on child revealed that she had left anterior carotid artery infarct with right temporal meningioma. Child was then started on aspirin, given USG carotid outpatient and continued on physiotherapy. ***Conclusion and Relevance.*** MoyaMoya disease is a leading cause of stroke in children peaked at 5-9 year-old. This is one of youngest child found to have Moyamoya disease. Unlike atherosclerosis plaque it is rather a progressive disease that is related to environmental and genetics.