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Moyamoya: Rare cause of stroke in a young patient

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Moyamoya is a rare idiopathic progressive vaso-occlusive disease that involves the distal Internal Carotid Arteries (ICAs) and circle of Wills. We present the case of a 40 year old female, Māori Ethnicity, who presented with symptoms suggestive of a stroke, on the background of previous TIA like episodes in the past. Initial MRI brain was misleading, demonstrating an irregular pattern to the intracranial arteries and ICAs, giving rise to a suspicion of vacuities. However, Digital Subtraction Angiography (DSA) showed a pattern of classic MMD. Moyamoya is a rare idiopathic progressive vaso-occlusive disease characterized by progressive steno-occlusive disease affecting the terminal portions of the internal carotid arteries and the proximal portions of the anterior and middle cerebral arteries. An MRA brain suggestive for vasculitis does not preclude the diagnosis and a digital subtraction angiography should be considered for young patients with stroke and abnormal MRA.

Biography

Manjula Ricciardi is a Geriatrician and Stroke Physician. She has collected experiences on acute stroke management and stroke rehab. She is currently an Acute Stroke Physician and Community Leader for the Rehabilitation Stroke Service at Whangarei Hospital. She is a Member of British Association of Stroke Physician UK, Stroke Society of Australasian, Australasia Stroke Trials Network and has Fellowship with RACP. She also has particular interest for rehabilitation post-stroke.

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