Carotid Artery Donut Sign 87

VASCULAR IMAGE

Carotid Artery Donut Sign

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Figure 1.

A 58-year-old right-handed male, heavy smoker with a past medical history of hypertension, diabetes mellitus and dyslipidemia, was admitted to the Neurology Department with three transient ischemic attacks manifested as right arm hemiparesis and motor aphasia. These episodes were brief in duration and occurred within a period of a few hours. Duplex ultrasound revealed an atherosclerotic plaque with an overlying thrombus producing a 70% stenosis of the left internal carotid artery. Magnetic resonance scanning of the brain demonstrated recent infracts scattered throughout the left hemisphere. Computed tomography angiography showed a 80% stenosis with free floating thrombus: in axial images thrombus pro-



tery beyond the reach of surgery.2

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