

Concomitant Pseudoaneurysm and Arteriovenous Fistula Formation of Brachial Artery: A Case Report

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Abstract:

Concomitant pseudoaneurysm and arteriovenous (AV) fistula formation of brachial artery after a penetrating injury has been rarely reported. False aneurysms of peripheral arteries are very rare. It is usually of infectious, post-traumatic or of iatrogenic etiology. In most cases, these are the result of penetrating injuries such as gunshot or stab wounds and iatrogenic arterial injuries. Brachial artery is not a common site for peripheral artery aneurysms. Its association with fistula formation with adjacent vein makes this a rare case. This case was diagnosed on colour duplex ultrasound and confirmed on subtraction angiography.