

A Cadaveric Demonstration of the Volar (Henry) Approach to the Radius

Adnan Zubair, John Calhoun Peterson Floyd, Jacob David Taunton, Elijah Alston

The volar approach to the radius is useful for a variety of indications such as fracture fixation, compartment release, osteotomy, tumor resection, tendon repair, and nerve decompression. There are multiple structures at risk during this exposure, including the radial artery and its recurrent branch, posterior interosseous nerve, median nerve, and lateral antebrachial cutaneous nerve. In this video we demonstrate a safe approach to the volar radius, from the volar rim distally to the radiocapitellar joint proximally. We then perform an extended dissection of the forearm to show the course of the structures at risk and their proximity during exposure.