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# High-Resolution Ultrasound in etiological evaluation of Ulnar Neuropathy at the Elbow

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## Abstract

**Objective**— Ulnar neuropathy at the elbow (UNE) involves mechanical compression and irritation of the ulnar nerve (UN) caused by environmental and dynamic abnormalities that can however also be found in asymptomatic patients. Using high-resolution ultrasound, we aimed to assess and compare the relevance of morphological and dynamic variants of the UN and its surrounding structures (UN abnormalities) in symptomatic and asymptomatic patients.

**Method**— UN abnormalities in patients with UNE were assessed using high-resolution ultrasound and compared against unaffected arms (patients or healthy volunteers).

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