



# Wrist and Elbow Clonus in Amyotrophic Lateral Sclerosis: A Rare Feature

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A 62-year-old man presented with progressive, asymmetric limb weakness over 1.5 years, beginning in the right hand and later involving other limbs. Symptoms included difficulty gripping, clumsiness, and progressive thinning of the muscles in the right lower and left upper limbs. He reported muscle twitching, slurred speech, weight loss, and spasticity. Examination revealed significant wasting in distal muscles, fasciculations, brisk reflexes, bilateral Hoffmann signs, and sustained clonus at wrist and elbow—an unusual finding. Investigations ruled out amyotrophic lateral sclerosis (ALS) mimics, with EMG and nerve studies consistent with probable ALS as per revised El Escorial criteria (Supplementary Video 1).

Sustained clonus, including jaw clonus, a marker of upper motor neuron dysfunction, is rare in the upper limbs, with few cases reported in cervical myelopathy and cerebrovascular

disease.<sup>1–3</sup> Many studies highlight the importance and pathophysiology of UMN signs in ALS, including clonus.<sup>4,5</sup> This case highlights an uncommon presentation of ALS with sustained wrist and elbow clonus, expanding its clinical spectrum. Elbow and wrist clonus are rarely reported in ALS.

## SUPPLEMENTARY MATERIAL

Supplementary Video S1 is available online at the journal website.

**Video S1:** Demonstration of sustained wrist and elbow clonus in ALS Maheshwari S, 2026

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