

عنوان مقاله:

Pronator Teres Reflex and the Diagnosis of C₆ and C₇ Radiculopathy

محل انتشار:

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خلاصه مقاله:

Objectives: Neck roots lesions are among the etiologies of cervical and arm pain. A detailed patient evaluation could assist the diagnosis, reduce imaging requests, and promote the treatment of cervical pain. We tried to estimate the value of pronator teres reflex in C₆ and C₇ roots irritation. **Methods:** The present study comprises 118 participants, including 56 patients with C₆ and C₇ lesions and 62 normal controls. The reliability and usefulness of this reflex in C₆ and C₇ roots lesions were compared to positive electromyography and imaging with magnetic resonance. **Results:** The sensitivity, specificity, positive predictive value, and negative predictive value for pronator teres reflex were 36.4%, 13.6%, 64.8%, and 4.6%, respectively. **Discussion:** This reflex can be considered an additional reflex during the physical examination for C₆ and C₇ nerve roots injury, but its diagnostic value for C₆ and C₇ radiculopathy is unreliable to be used for screening purposes.

