



Radial Nerve Compression

Radial Nerve Compression or injury may occur at any point along the anatomical course of the nerve and may have varied etiologies. The most frequent site of compression is in the proximal forearm in the area of the supinator muscle. Problems can also occur proximally as in a fracture of the humerus, or distally as in an injury to radial aspect of the wrist. The most common symptoms are pain, weakness, and dysfunction. TENS application can be used to decrease the pain associated with this condition.

Suggested Electrode Placement

2-pad placement

Place electrode pads over proximal forearm over the extensor muscle group



Suggested Treatment Parameters

Mode: Continuous

Pulse rate: 80-100 Hz

Pulse width/duration: 50-100 μ s

Amplitude: Low to moderate level stimulation

Treatment Time: Throughout the day as needed

Mode: Burst

Pulse rate: 2 bursts/sec

Pulse width/duration: 180-200 μ s

Amplitude: Low to moderate level stimulation

Treatment Time: Throughout the day as needed

