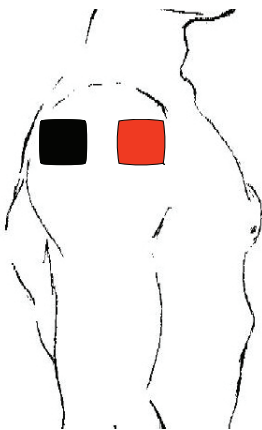


**Adhesive Capsulitis/Frozen Shoulder**

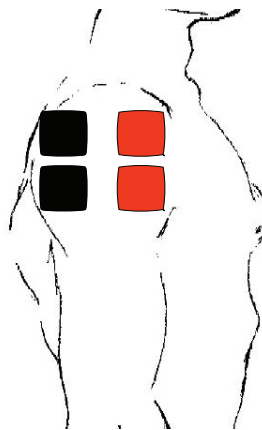
Adhesive Capsulitis (or Frozen Shoulder) causes pain and reduced range of motion from joint capsule fibrosis. In most cases, the fibrosis resolves and shoulder function returns to normal or near normal. The cause of adhesive capsulitis remains unknown. X-rays usually reveal normal joints or show minimal degenerative changes. Clinical signs and symptoms of a systemic inflammatory disorder are absent. Conservative therapies include rest, analgesia with TENS, and range-of-motion exercises.

Suggested Electrode Placements**2-pad placement**

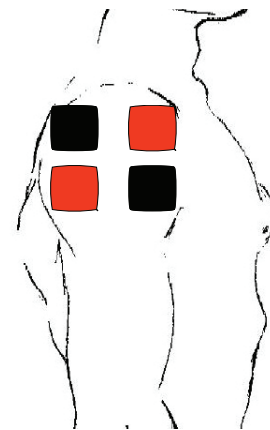
Place electrode pads over posterior and anterior shoulder

**4-pad placement**

Place electrode pads around shoulder joint

**4-pad criss-cross pattern**

Place electrodes with 2 pads superior and inferior, 2 pads anterior and posterior to shoulder joint

**Suggested Treatment Parameters****Mode: Burst****Pulse rate: 2 bursts/sec****Pulse width/duration: 180-200 μ s****Amplitude: Moderate level stimulation****Treatment Time: Throughout the day as needed****Mode: Modulated****Pulse rate: 100-120 Hz****Pulse width/duration: 50-150 μ s****Amplitude: Moderate level stimulation****Treatment Time: Throughout the day as needed**