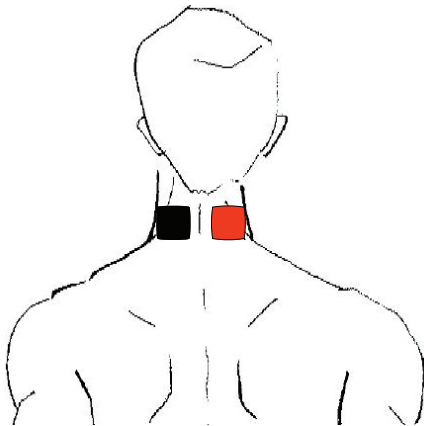


**Degenerative Disc Disease (DDD) - Cervical**

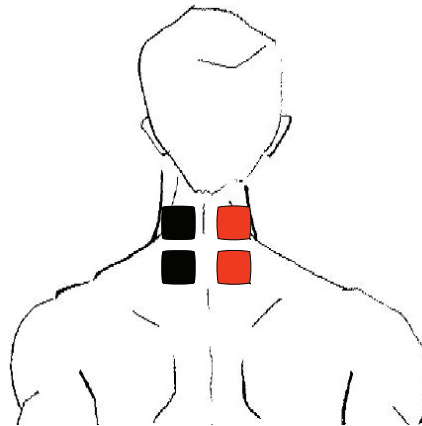
**Degenerative disc disease (DDD) is characterized by damage to the intervertebral discs in the cervical spine. It is often the result of overuse or a traumatic injury and leads to radiculopathy and cervical pain. TENS is an effective means for relieving some of the pain associated with this disease. Other modalities such as cervical traction, cold, heat, ultrasound, etc. can also help decrease symptoms of pain and parasthesias.**

**Suggested Electrode Placements****2-pad placement**

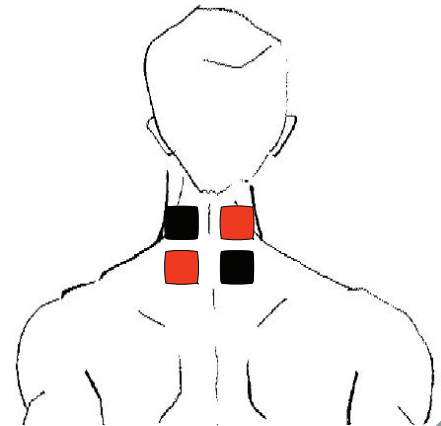
**Place electrode pads over bilateral cervical spine &/ or upper trapezius**

**4-pad placement**

**Place electrode pads across cervical spine &/or upper trapezius**

**4-pad criss-cross pattern**

**Place electrode pads across cervical spine &/or upper trapezius**

**Suggested Treatment Parameters****Mode: Modulated****Pulse rate: 100-120 Hz****Pulse width/duration: 50-150  $\mu$ 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  $\mu$ s****Amplitude: Moderate level stimulation****Treatment Time: Throughout the day as needed**