

## Alpha-Stim 5-Step Pain Protocol

### Big "X" ♦ Small Stars ♦ Treat Other Side ♦ Connect Both Sides ♦ Earclips

**Using the Smart Probes:** Make certain to keep the pads on the probes wet. The animal's fur will wick away the moisture faster than on a human. Initially saturate pads on the probes after every minute of therapy with Alpha-Stim Conducting Solution. If they get dry the timer will not restart because it will not detect a circuit. The standard frequency is set at 0.5 Hz. The channel current is set at 6 (600 µA) unless the animal seems uncomfortable, then reduce to 4-5.

**Big "X"** - Covers an area on the body wider and longer than the problem zone. This initial pattern is done for 20 seconds.

**Small Stars** - Are directed in multiple planes through the area of pain or trauma (medial to lateral, front to back, top to bottom, oblique, etc.). On a flexing joint make certain to bend and treat across the joint as well (elbow, carpus, knee, hock). A minimum of 5 to 8 lines, each done for 10 seconds.

**Treat Other Side** - Start with a big X on the other side for 20 seconds. The only area where this would not be repeated is on the midline of a neck or back injury. Then do a star pattern, 10 seconds each line, at the same area on the body as the opposite injury site.

**Connect Both Sides** - 4 final connections are made directly across from each other on the body. 2 are made from the lateral aspect of each side and 2 closer together from the medial aspect of each side. 10 seconds each. These should be distal to the area being treated.

#### Earclips -

1. Clean ears with alcohol at site of attachment nearest the base of ear at the head.
2. Apply 2-3 drops of Alpha-Stim Conducting Solution to pads on the Earclips.
3. Clip on ears.
4. Set current to between 1 to 2 for most dogs. Cats and horses are best to start at 0.5 to 1.
5. Initially treat for 20 minutes once to twice daily for 2 weeks then continue as prescribed. Reapply new pads at completion of a treatment.

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**AS-Trodes™:** When using the self-adhesive electrode pads they must be placed on a shaved and clean skin surface (use alcohol). Use a diagonal X placement above and below the affected area. Turn the current to a comfortable setting. Higher is for more pain but watch and reduce the current as you monitor the patient. Generally, a setting of 3 will be comfortable for extended periods of time. A minimum of 1 hour is required but in severe cases the Alpha-Stim can safely be used continuously, 24 hours a day.