Electrode Placement Q and A

**Question:**
What causes the patient’s excessive twitching of the eyes with each Myomonitor pulse?

**Answer:**
Twitching of the corner of the eyes resulting from the stimulation of the 7th (Facial) cranial nerve is quite common. However, when the left or right electrodes are placed slightly anterior and/or superior to the coronoid notch excessive eye twitching can be observed.

**Question:**
One of my patients reacts to the Myomonitor stimulation with an involuntary contraction of the cervical/shoulder muscles. What causes this?

**Answer:**
1) If you are using the J5 Myomonitor you would expect the shoulders to show visible contraction whenever the upper shoulder (Set B) muscles are stimulated. But there should not be any contraction when Set B is turned off prior to bite registration. If Set B is turned off and the shoulders still contract, the common electrode may be too low on the back of the neck. Reposition the common electrode higher on the neck right below the hair line.

2) If the Myotrodes (Set A) are placed too low and over the ramus instead of directly over the coronoid notch, a shoulder contraction can occur. Check to be sure that the left and right electrodes are not inferior to the coronoid notch.
3) Improper lead connection can also produce a shoulder contraction. Check for proper lead connection. The RED lead must be connected to the common electrode on the back of the neck.

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Myotronics 46th Anniversary Seminar

Final day to take advantage of the Early Bird Discount!!

Myotronic’s 46th Anniversary Seminar, June 29th-30th, features a panel of 19 leading clinicians sharing with you the latest advancements in Neuromuscular Dentistry. Whether you are new to NMD or a veteran with an interest in expanding your skills, you will find this program especially valuable. Topics will include aesthetics, restorative, TMD, practice management, and a full program just for team!

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For more information call 1-800-426-0316, email to Myopearls@myotronics.com or register online.