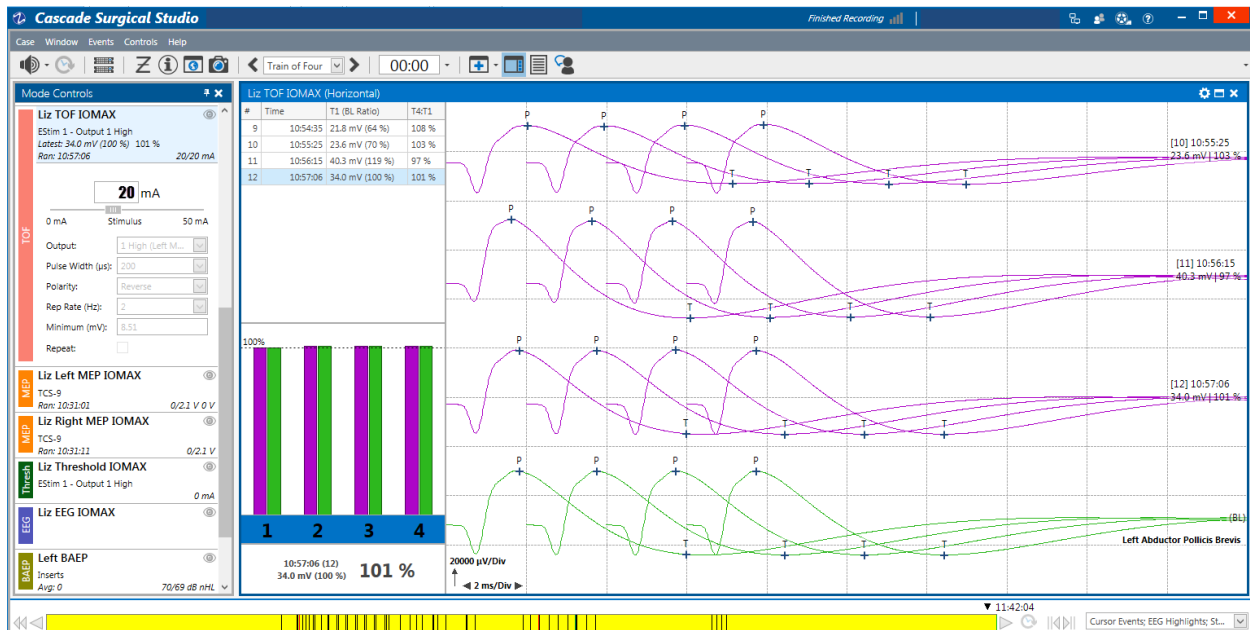


Train of Four Surgical Studio and IOMAX



~Train of Four recording done on healthy subject with no neuromuscular blockades~
 ~Settings are for example only~

Channel Setup

Channel: Abductor Pollicis Brevis (Act) – Abductor Pollicis Brevis (Ref)

**train of four can be recorded in foot using the AH or other muscle*

Amplifier Channel Gain: 10,000 uV/Div (100,000 uV full gain)

Sweep: 2 ms/Div

**longer sweep will compress wave appearance and shorter sweep such as 2 or 3ms/div will allow visualization of CMAP detail and allow easier cursor control*

Pulse Width: 200 ms

Stimulus Intensity: 20 mA

**varies by patient - overstimulating will reduce CMAP amplitude*

Mode Setup

Low Cut (Hz): 10 – 50

High Cut (Hz): 2000

Notch: off

Minimum (mV): 8.51

Remove EMG stim artifact: on

Stim artifact duration (ms): 1.5

Repeat: off

Auto-store on train complete: on

Stimulator: Electrical Stimulator at Limb Module 1

Output: 1 High - Left Media act/ref pair (ACT)

Operating Mode: Constant Current

Pulse Width (us): 200

Initial intensity (mA): 11

Max intensity (mA): 50

Rep Rate (Hz): 2

Recording

Display Gain: 20,000 uV/Div

**varies by patient*

Sweep: 2 ms/Div

Pulse Width: 200 ms

**varies by patient - excessive pulse widths exaggerate stim artifact*

Stimulus Intensity: 20 mA

**varies by patient - overstimulating will reduce CMAP amplitude*