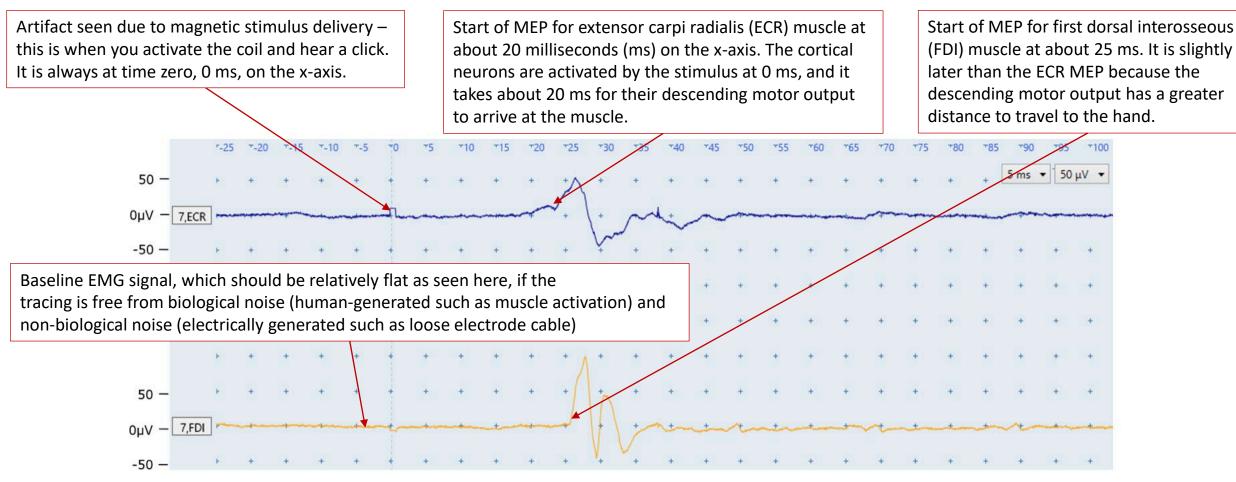
## Motor Evoked Potential (MEP) Cheat Sheet



**Y-axis (amplitude):** You are seeing two EMG traces, the upper one from the extensor carpi radialis (ECR) and lower one from the first dorsal interosseous (FDI) muscles. The vertical size is the amplitude measured in microVolts (uV). Note that amplitudes will vary and need not be considered when assessing MEP status, and only one muscle needs to show MEPs to deem the participant as MEP positive.

**X-axis (time):** Zero milliseconds (ms) marks the time of stimulation, and then the time to the start of the MEP is considered the latency. The typical latency is 15-25 milliseconds (ms) for the start of the ECR MEP, and 20-30 ms for the start of the FDI MEPs, if MEPs are going to be seen.