

Electromyography (EMG)

- o Electromyogram
- o Surface recordings sEMG
- o Electrodes inserted into the muscle
- o Recording Muscle Activity (action potentials)
- o Amplitude of signal is linear to the strength of the muscle contraction.

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Motor Systems

- o Central Nervous System (CNS)
- o Motor cortex (precentral gyrus of the cortex)
- o Extrapyramidal Motor system
- o Motor pathway from CNS to a muscle

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Muscle

- o Smooth Muscle
- o Striated Muscle (Skeletal)
- o Somatic Motor System
- o Major Skeletal Muscles
- o Muscle functioning.

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Psychophysiological Studies

- o Five Categories of Psychophysiological Studies
- o REM
- o Facial Expression and Emotion
- o Zygomatic Muscles
- o Corrugator Muscles
- o Cognition

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