

**Central Nervous System (CNS)**

- o Brain
- o Spinal Cord

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**Peripheral Nervous System**

- o Somatic System
- o Autonomic Nervous System (ANS)
- o Sympathetic Nervous System (SNS)
- o Parasympathetic Nervous System (PNS)

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**History of Electroencephalography (EEG)**

- o Richard Caton
- o Hans Berger

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### Waves, Rhythm and Frequency

- o Alpha
- o Beta
- o Delta
- o Theta
- o Kappa
- o Lambda
- o Mu
- o Gamma

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### Event Related Potentials (ERP)

- o An electrical peak (potential) is related to a particular stimulus like a word or touch.

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### Imaging

- o Positron Emission Tomography (PET)
- o Functional Magnetic Resonance Imaging (fMRI)
- o Magnetoencephalography (MEG)
- o Magneto Evoked Field (MEF)

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