Project: Assisting humans with special needs: curriculum for HUman-TOol interaction Network

Movement Assessment in Clinical Study

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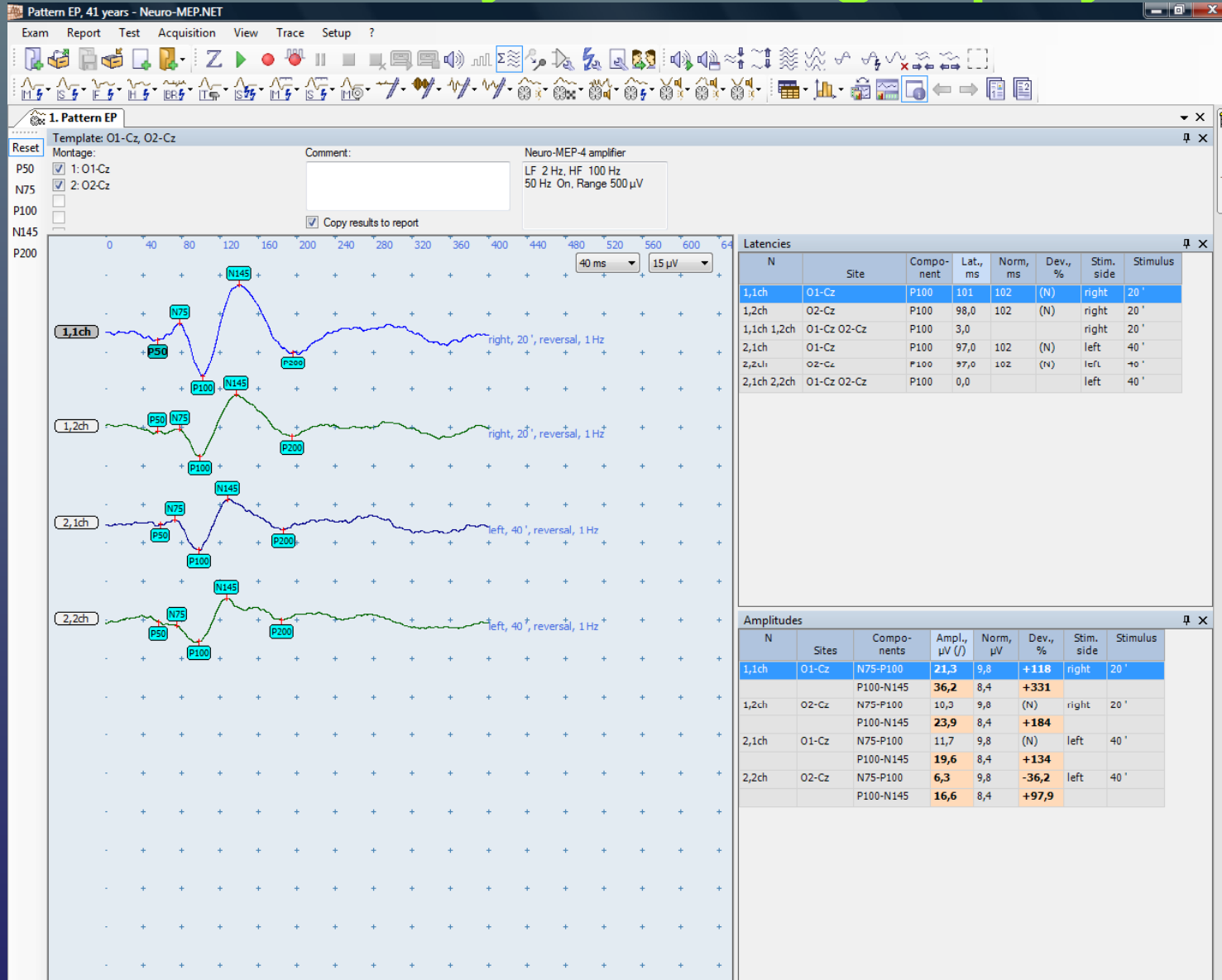**Posture Biomechanics and NeuroDyinamics**

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Clinical Gait analysis Methodology should consider

- GMFCS - Gross Motor Function Classification Scale (Palisado et al,1993)
- EMNG (16 Channel)
- 4D Gait Analysis (Motion Capture System Vicon)
- Force Plates
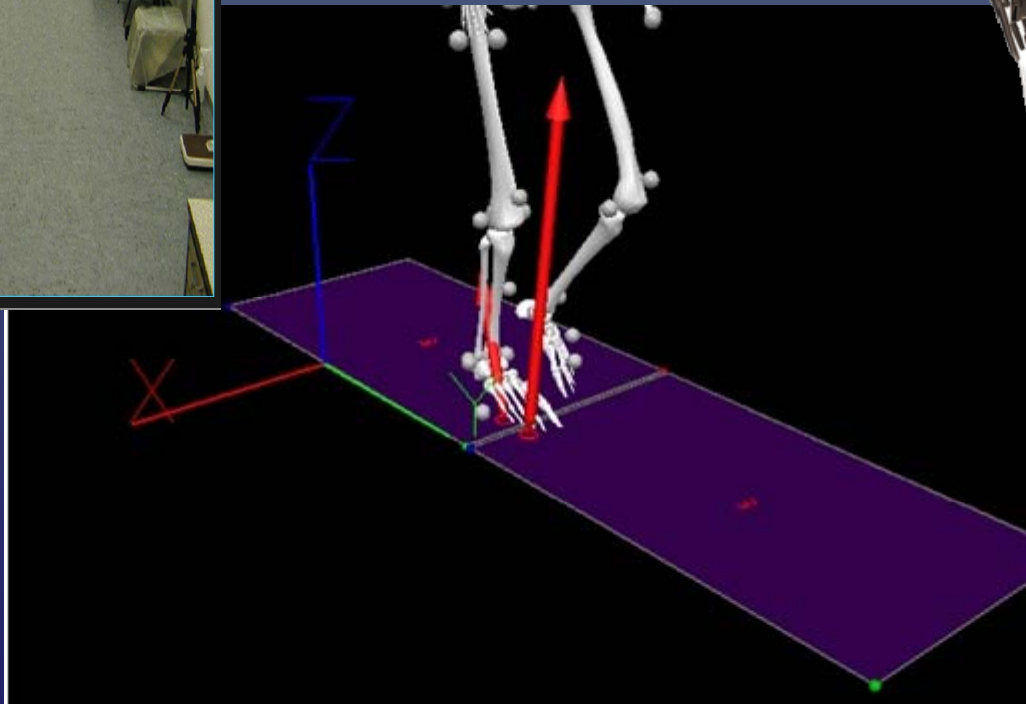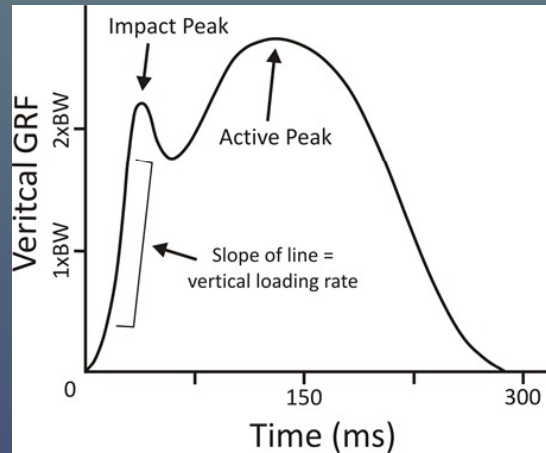- Neural Profiles of PNS during Gait tasks

Electromyoneurography

Gait Analysis in CP patients

- (Ilic et al., 2010)

COM + Gait Analysis + GFR

Future is here

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Thank you