CHANGES IN PRACTISE DUE TO MOTION ANALYSIS RESEARCH

Motion Analysis research in understanding long-term treatment outcomes.

Pam Thomason B Phty, M Physio
Senior Physiotherapist & Manager
Hugh Williamson Gait Analysis Laboratory
The Royal Children’s Hospital Melbourne

Learning Objectives:

1. To gain knowledge of the evidence for medium to long term outcomes, in the context of SEMLS, at the joint/muscle level.
2. To gain knowledge of the evidence for medium to long term outcomes of SEMLS.
3. To understand the importance and impact of gait analysis on the long term outcomes of SEMLS

Outline:

1. Discuss why long term outcome is important with use of an example where short term results were excellent but this was not maintained in the long term
2. Summarize and compare the literature on long term outcome following
   a. Gastrocsoleus surgery both isolated surgery and in the context of SEMLS. The three papers from Austria, Germany and Australia will be discussed. This will highlight how gait analysis allows us to compare and contrast outcomes from different centres.
3. Medium to Long term outcome of SEMLS
   a. Results of systematic review discussed.
   b. Five year outcome of RCT cohort and long term long term outcomes studies discussed. Study outcomes will be compared and contrasted.

References:


