



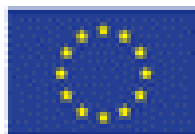
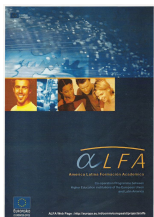
Program of

"Gait Analysis and clinics: a focus on clinical cases"

Third course of TRAMA Network Project

10th-14th March 2008

Sociedad Pro Ayuda del Niño Lisiado
Instituto de Rehabilitacion Infantil Teleton Santiago
Av. Libertador Bernardo O'Higgins 4620
Santiago (CHILE)



The quantitative analysis of walking or Gait Analysis is a rapidly expanding biomedical field of considerable interest from a clinical and rehabilitative viewpoint.

After the last courses of TRAMA Project, where the main topics were the description of the most important protocols used in clinical settings and the deep analysis of report of Gait Analysis focusing on the identification of significant parameters useful for the quantification of functional limitations, the participants have required to get a deeper knowledge of clinical cases provided with quantitative analysis of movement.

From this request this course, that is the last course of the first year of TRAMA Project, has been thought with the main aim of making a comprehensive evaluation of the most common pathologies characterised by functional limitations with a focus on the interpretation and discussion of case examples provided with quantitative analysis of movement and with Gait Analysis.

Monday, 10th March 2008

- 8.30 - 9.00 *Susana Lillo – Carlo Paolinelli - Manuela Galli –
Marcello Crivellini*
Welcome
General description of the course and conclusion of the first year of TRAMA Project
- 9.00 – 9.30 *Manuela Galli*
**Gait Analysis for the evaluation of functional limitation:
The most common evaluated pathologies in a clinical
MAL**
- 9.30 – 10.30 *Mónica Morante Rodríguez*
Cerebral Palsy
Description of the pathology - Functional clinical scales
- 10.30 – 11.00 Break
- 11.00 – 11.30 *Helga Hirschfeld - Manuela Galli*
Clinical case presentation with video
- 11.30 – 12.00 *Veronica Cimolin - Chiara Rigoldi*
Group organization with raw data
A PC will be given to each group; each group will receive the raw data of the clinical case
- 12.00 – 13.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 13.00 – 14.00 Lunch
- 14.00 – 15.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 15.00 – 15.30 Break
- 15.30 – 18.30 *Helga Hirschfeld - Manuela Galli*
**Presentation of the case reports and general
discussion**
Group 1
Group 2
Group 3

Tuesday, 11th March 2008

- 8.30 - 9.30 *Susana Lillo*
Cerebral Palsy
Main treatments
- 9.30 - 10.30 *Helga Hirschfeld - Manuela Galli*
Clinical case presentation with video
Clinical case: Pre/Post treatment
- 10.30 - 11.00 Break
- 11.00 - 11.30 *Veronica Cimolin - Chiara Rigoldi*
Group organization with raw data
A PC will be given to each group; each group will receive the raw data of one clinical case
- 11.30 - 13.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 13.00 - 14.00 Lunch
- 14.00 - 15.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 15.00 - 15.30 Break
- 15.30 - 18.30 *Helga Hirschfeld - Manuela Galli*
Presentation of the case reports and general discussion
Group 1
Group 2
Group 3

Wednesday, 12th March 2008

- 8.30 – 9.30 *Mariana Haro Divin*
Myelomeningocele
Description of the pathology - Functional clinical scales
- Main treatments
- 9.30 – 10.00 **Clinical case presentation with video**
- 10.00 – 10.30 *Veronica Cimolin - Chiara Rigoldi*
Group organization with raw data
A PC will be given to each group; each group will receive the raw data of the clinical case
- 10.30 – 11.00 Break
- 11.00 – 13.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 13.00 – 14.00 Lunch
- 14.00 – 15.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 15.00 – 15.30 Break
- 15.30 – 18.30 *Helga Hirschfeld - Manuela Galli*
Presentation of the case reports and general discussion
Group 1
Group 2
Group 3

Thursday, 13th March 2008

- 8.30 – 9.30 *Giorgio Albertini - Guy Cheron,*
Gait analysis in adults with movement disorders
- 9.30 - 10.00 *Helga Hirschfeld - Manuela Galli*
Clinical cases presentation with video
- 10.00 – 10.30 *Veronica Cimolin - Chiara Rigoldi*
Group organization with raw data
A PC will be given to each group; each group will receive the raw data of one clinical case
- 10.30 – 11.00 Break
- 11.00 – 13.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 13.00 – 14.00 Lunch
- 14.00 – 15.00 **Data elaboration**
Each group will elaborate the data with the production of the report
- 15.00 – 15.30 Break
- 15.30 – 18.30 *Helga Hirschfeld - Manuela Galli*
Presentation of the case reports and general discussion
Group 1
Group 2
Group 3

Friday, 14th March 2008

8.30 – 11.00 **Clinical cases presentation**

11.00 – 11.30 Break

11.30 – 13.00 *Susana Lillo – Carlo Paolinelli - Manuela Galli –
Marcello Crivellini*

General comments and closing remarks

This document has been produced with the financial assistance of the European Union. The contents of this document are the sole responsibility of Dipartimento di Bioingegneria - Politecnico di Milano (ITALY) and can under no circumstances be regarded as reflecting the position of the European Union.