



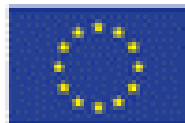
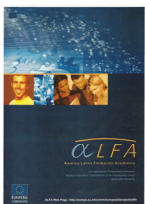
Program of

“The role of Motion Analysis in rehabilitation”

Seminars on 2nd year of TRAMA Network Project

21th-23th May 2008

Conférence Room
IRCCS “SAN RAFFAELE PISANA” – Tosinvest Sanità
Via Della Pisana 235
ROMA (ITALY)



Wednesday, 21st May 2008

- 9.00 – 9.30 *Salvatore Rubino - Giorgio Albertini – Marcello Crivellini
- Massimo Fini*
Welcome
The IRCCS “San Raffaele Pisana” presentation. The scientific collaboration between Tosinvest Sanità and Bioeng. Dept of Polytechnic of Milan
- 9.30 – 10.00 *Manuela Galli - Helga Hirschfeld*
Description of the seminars. Aims and organization.
- 10.00 – 10.45 *Manuela Galli - Helga Hirschfeld*
The use of Movement and Gait Analysis in clinics: Protocols, difficulties and error related to the patient conditions with particular reference to Cerebral Palsy.
- 10.45 - 11.15 Discussion.
Before the discussion the participants will be divided in three groups. Each group will prepare questions about the main common difficulties that they have during the Gait Analysis acquisition on pathological patients . These questions will be discussed with teachers.
- 11.15 – 11.30 Break
- 11.30 – 12.30 *Manuela Galli - Helga Hirschfeld – Veronica Cimolin*
Practical session in the lab: acquisition of data related to main problems occurring during acquisition of patients with Cerebral Palsy and principal corrections. Data analysis.
- 12.30-13.00 **Discussion**
- 13.00 - 14.00 Lunch
- 14.00-14.45 *Giorgio Albertini - Manuela Galli - Nunzio Tenore*
The use of Gait Analysis in Cerebral Palsy. Evaluation of Botulinum Toxin treatment and Baclofen pump treatment.
- 14.45 - 15.15 *Work in group and discussion about the argument of the presentation*
- 15.15 – 15.30 Break

15.30 – 16.15

Giorgio Albertini - Manuela Galli - Nunzio Tenore

The use of movement analysis in the evaluation of orthosis and rehabilitative treatment in children with Cerebral Palsy

16.15 – 17.00

Paolo Onorati - Gianpiero Tamburrini – Giovanni Baranello

The Dorsal Rhizotomy in children with Cerebral Palsy. The evaluation of the effects of Dorsal Rhizotomy using movement analysis: previous studies and results.

17.15 - 18.00

Work in group and discussion about the argument of the two previous presentations.

Thursday, 22nd May 2008

9.00 – 10.45	<i>Reinald Brunner</i> The use of Gait Analysis in orthopaedic surgical treatment in children with Cerebral Palsy
10.45 – 11.00	Break
11.00 – 12.15	<i>Carlo Frigo</i> Biomechanical models for the simulation of orthopaedic surgery
12.15 - 13.00	<i>Work in group and discussion about the argument of the two previous presentations</i>
13.00 – 14.00	Lunch
14.00 - 15.30	<i>Carlo Frigo - Reinald Brunner - Manuela Galli - Giorgio Albertini</i> Round Table. The collaboration of medicine and bioengineering: our experience
15.30 - 15.45	Break
15.45 – 17.15	<i>Federico Donatelli - Luca Minesso – Veronica Cimolin</i> Practical session in Gait Analysis Lab: the new technologies for movement analysis
17.45 – 18.00	Discussion

Friday, 23rd May 2008

- 9.00 - 9.30 *Salvatore Giaquinto*
The importance of movement analysis for rehabilitation
- 9.30 - 10.00 *Paolo Onorati*
The role of a motion analysis and motor control.
- 10.00 - 10.45 *Francesca Depandis - Maria Gaglione*
The importance of movement analysis gait lab for the rehabilitation in adult patients: the experience of the Gait Analysis lab of "San Raffaele Cassino" hospital
- 10.45 - 11.00 Break
- 11.00 - 12.30 *Helga Hirschfeld - Manuela Galli - Veronica Cimolin*
Movement analysis in SWOT perspective (small group team work considers strength, weakness, opportunities, threats)
- 12.30 - 13.00 **SWOT-Presentation**
- 13.00 - 14.00 Lunch
- 14.00 - 15.30 **The TRAMA project: presentation of the project to media**
- 15.30 - 15.45 Break
- 15.45 - 17.15 *Manuela Galli - Marcello Crivellini - Helga Hirschfeld*
Organization of the second year of TRAMA project 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.