

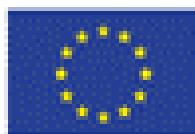
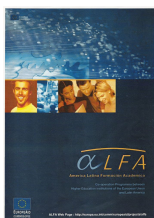


Program of
**"Motion Analysis and clinics: why to set up a
Motion Analysis Lab ?"**

Second course of TRAMA Network Project

14th-17th January 2008

Université Libre de Bruxelles
Campus ERASME - Institut des Sciences de la Motricité
Laboratoire de Neurophysiologie et de Biomécanique du Mouvement
Route de Lennik, 808 CP 640
1070 BRUXELLES (BELGIUM)



Monday, 14th January 2008

- 9.30 – 10.00 *Guy Cheron – Dan Bernard*
Welcome
General description of the course and organization of the practical session
- 10.00 – 11.00 *Manuela Galli*
Why a Movement and Gait Analysis Lab in clinics?
- Organization of a Gait Lab for clinical use
- Patient management
- 11.00 – 11.15 Break
- 11.15 – 12.45 *Helga Hirschfeld*
The experience of the Movement and Gait Analysis Lab of Karolinska Institutet, Sweden
- Pathologies evaluated
- Kind of evaluated movements
- 12.45 - 14.00 Lunch
- 14.00 - 15.30 *Manuela Galli – Marcello Crivellini*
The clinical experience of the Movement and Gait Analysis Lab of Bioeng Dept, Politecnico of Milan, Italy
- The clinical service
- Pathologies evaluated using gait analysis test
- Pathologies evaluated using other movements evaluation (posture, upper limb, ...)
- 15.30 – 15.45 Break

15.45 – 17.15

Giorgio Albertini

The clinical experience of the Movement and Gait Analysis Lab of the IRCCS “San Raffaele” - Tosinvest Sanità – Rome, Italy

- The use of Gait Analysis in the evaluation of children with Cerebral Palsy and with Down Syndrome.
- The use of Gait Analysis in the evaluation of adult patients with Parkinson disease and with other pathologies.

17.15 - 18.00

Discussion

Tuesday, 15th January 2008

9.00 - 10.00

Guy Cheron

The clinical experience of the Laboratory of Neurophysiology and Movement Biomechanics (LNMB) of Université Libre de Bruxelles, Belgium

10.00 – 10.30

Jacques Duysens

New methods for the analysis of human locomotion. KUL, Bruxelles, Belgium

10.30 – 11.00

Véronique Feipel

In vivo and in vitro assesment of joint kinematics. Laboratoire d'Anatomie fonctionnelle, Bruxelles, Belgium

11.00 - 11.15

Break

11.15 – 12.30

Bernard Dan

The clinical experience of the Movement and Gait Analysis Lab of Hospital Universitaire des Enfants Reine Fabiola, Bruxelles, Belgium

12.30 – 13.00

Ana Bengotexea

The search of temporal coordination sequences in complex movements (LNMB)

13.00 – 14.00

Lunch

14.00 - 15.30

Susana Lillo - Carlo Paolinelli

The clinical experience of the Movement and Gait Analysis Lab of Sociedad Pro Ayuda del Niño Lisiado Instituto de Rehabilitacion Infantil Teleton Santiago, Chile

- Pathologies evaluated

- Treatments evaluated using Gait Analysis in Cerebral Palsy

- Indications
- Results

15.30 - 15.45

Break

15.45 - 17.15

Arthuro Pichardo

The clinical experience of the Movement and Gait Analysis Lab of Centro de Rehabilitación Infantil TELETON CRIT, Mexico City, Mexico

17.45 - 18.00

Discussion

Wednesday, 16th January 2008

- 9.00 - 10.30 *Sergio Guizar*
The clinical experience of the Movement and Gait Analysis Lab of Centro de Rehabilitación Infantil TELETON de Occidente CRIT, Guadalajara, Mexico
- 10.30 - 10.45 Break
- 10.45 - 12.15 *Pablo-Rogelio Hernandez*
Movement analysis and clinics: the experience of the Cinvestav of Mexico City
- Study of movement analysis to determine objective indicators for the falling syndrome in elderly
- 12.15 - 12.45 **Discussion**
- 12.45 - 14.00 Lunch
- 14.00 - 15.30 *Ivan Uribe*
The clinical experience of the Movement and Gait Analysis Lab of Instituto de Ortopedia Infantil Roosevelt, Bogotá, Colombia
- 15.30 - 15.45 Break
- 15.45 - 17.15 *Juan Alberto Castillo*
The clinical experience of the Movement and Gait Analysis Lab of Universidad Colegio Mayor de Nuestra Señora del Rosario, Bogotá, Colombia
- 17.15 - 18.00 *Manuela Galli*
General comments

Thursday, 17th January 2008

9.00 - 9.30	<i>Manuela Galli - Marcello Crivellini</i> Organization of clinical cases presented by the Grant Holders
9.30 - 10.30	Clinical case presented by Chilean Grant Holders
10.30 - 10.45	Break
10.45 - 11.45	Clinical case presented by Mexican Grant Holders
11.45 - 12.45	Clinical case presented by Colombian Grant Holders
12.45 - 14.00	Lunch
14.00 - 15.00	Clinical case presented by Italian Grant Holders
15.00 - 16.00	Clinical case presented by Sweden Grant Holder
16.00 - 16.15	Break
16.15 - 17.15	Clinical case presented by Belgian Grant Holder
17.15 - 18.00	<i>Guy Cheron - Bernard Dan - Manuela Galli - Marcello Crivellini</i> Closing remarks

At the end of the course the Latin American grant holders will stay till January 25th in Brussels for practical sessions in Gait Labs focused on Motion Analysis.

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.