



1° Start up meeting

TRAMA Project

May 11°, 2007







Gait Analysis Lab
IRCCS San Raffaele,
Tosinvest Sanità ,Rome, IT



meeting TRAMA Project
May 11th 2007





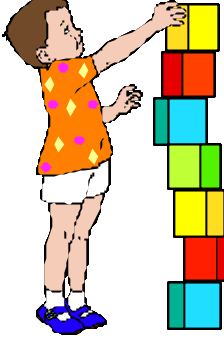
Evaluation

Neurological

Psychological

Speech Therapy

Medical



Pedagogical


Biomechanics




Rehabilitation Therapist

Physiatrist

Paediatric


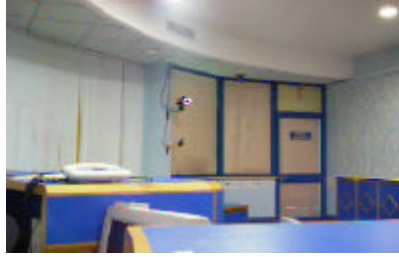
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Introduction

The Pediatric Dept and the Gait Analysis Lab presentation

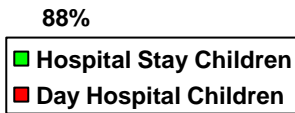
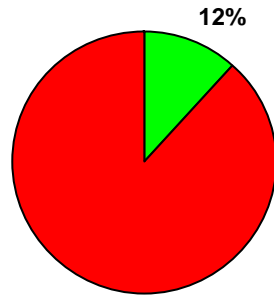
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...some data of the Pediatric Rehabilitative Dept



- From June 1997



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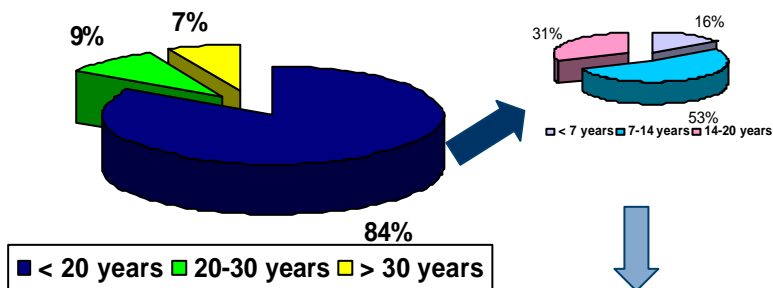


Some data of the GAL



N. patients evaluated in the Gait Lab (from 1997): 2125

Age of evaluated patients

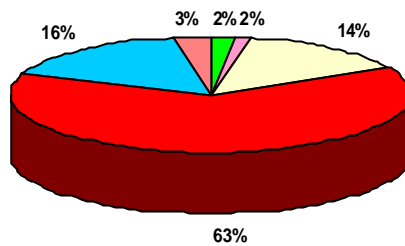


Mainly pediatric patients

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Pathologies evaluated at the Gait Lab



■ HEALTHY ■ MYOPATHY ■ OTHER PATH. ■ CP ■ DOWN S. ■ MYELOMENINGOCELIS



Mainly Cerebral Palsy

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The staff of GAL



☞ **Director**
Prof Giorgio Albertini , Neurologist



☞ **Technical director**
Eng., PhD, Manuela Galli , Researcher
Bioeng Dept, Politecnico di Milano



☞ **Tecnician**
Mr. Nunzio Tenore, Physiotherapist



☞ **Physicians**
Dr Gabriella di Girolamo,
Dr Claudia Condoluci,..

☞ **Orthopedists**
Dr. Francesco Costici,...

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The equipment of GAL



- 2-camera optoelectronic system (ELITE2002, BTS, Italy)
- 2 force platforms (Kistler, CH)
- 2-camera video system (BTS, Italy)
- 2 telemetric EMG units (16 channel) (Poket EMG, BTS, Italy)
- Baropodometric system (FScan system)



Used protocol
Helen Heyes Marker Set



R. B. Davis, "A gait analysis data collection and reduction technique,"
Hum. Mov. Sci., vol. 10, pp. 575-587, 1991.

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San Raffaele Cassino
Cassino

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DEPT, MILAN**

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