

10th International Conference
**ORTHOPAEDICS, BIOMECHANICS,
& SPORTS REHABILITATION**
December 1-3, 2006 - Assisi (Perugia) - Italy



**BIOMECHANICAL LABORATORY
“LET PEOPLE MOVE”**

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10th International Conference
on
**Orthopaedics, Biomechanics,
& Sports Rehabilitation**

Looking for future Leaders

December 1-3, 2006

Assisi (Perugia) - Italy

Organized by:



**“Let People Move”
Biomechanical Laboratory, Perugia**

in collaboration with:



E. Fermi Institute, Perugia



Prosperius Tiberinus Institute, Umbertide (Perugia)

*E.C.M. credits required for Medical Doctors and Physiotherapists
Provider Let People Move*

Presidents:

G. Cerulli - University of Perugia – Italy

E. Eriksson - Karolinska Institute, Stockholm, Sweden

Scientific program Directors:

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M. Lamontagne University of Ottawa, Canada

R. Lorentzon University of Umeå- Sweden

S.Werner Karolinska Institute, Stockholm, Sweden

S. L-Y. Woo University of Pittsburgh, USA

Under the patronage of:

S.I.O.T. (Società Italiana di Ortopedia e Traumatologia)

S.I.G.A.S.C.O.T.(Società Italiana Ginocchio, Artrosopia, Sport, Cartilagine, Tecnologie Ortopediche

E.S.S.K.A.2000 (European Society of Sports Traumatology, Knee Surgery and Arthroscopy)

E.F.O.S.T. (European Federation of National Associations of Orthopaedic Sports Traumatology)

I.S.A.K.O.S. (International Society of Arthroscopy Knee Surgery and Orthopaedic Sports Medicine)

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FRIDAY 1st

Auditorium Room

08.30-09.00 **Opening Ceremony**

Translational research on ACL:

From molecular biology to joint function

09.00-09.20 Keynote lecture: C.H. Chen

09.20-10.20 Presentations

10.20-11.10 Live Surgery: N. Van Dijk

11.10-11.30 Keynote lecture: P. Aglietti

11.30-12.30 Presentations

12.30-13.30 Keynote lectures: B. Engström

R.J. Johnson

L. Engebretsen

13.30-14.30 Live Surgery: G.Cerulli, A.Gigante

14.30-15-10 Keynote lecture: E.M. Wojtisz

S. Dye

Live Demonstrations

15.10-16.10 Laboratory: Musculo-skeletal research centre of Pittsburgh – USA (*Videoconference*)

16.10-17.00 Live Surgery: G.Cerulli

17.00-18-00 Rehabilitation: Department of Physical therapy Newark – USA (*Videoconference*)

18.00-19.00 Live Surgery: R. Simmermacher

S. Francesco Room

09.30-09.50 Keynote lecture: S. Werner

Laser therapy in orthopaedics and sports medicine: from basic science to practical applications

09.50-13.00 Presentations and practical simulations

Live Demonstration

13.00-14.00 Rehabilitation: Institute Prosperius Tiberinus Umbertide (*Videoconference*)

SATURDAY 2nd

Auditorium Room

08.00-08.50 **Instructional course # 1**

How do we teach arthroscopy today?

09.00-09-20 Keynote lecture: S. L.-Y. Woo

09.20-12.20 Presentations

12.20-12.40 Keynote lecture: J.H. Newman

12.40-13.25 Presentations

13.30-14.30 Live Surgery: H.P. Sieber

14.30-15.30 Keynote lectures: H. Paessler

C.H. Chen

Live Demonstrations

15.30-16.30 Live Surgery: A. Valentini

16.30-17.30 Laboratory: Motion analysis. (*Videoconference*)

17.30-18.30 Live Surgery: R.P.Beaulé

S. Francesco Room

08.00-08.50 **Instructional course # 2**

Current concept: biomechanical applications in rehabilitation of the athlete

09.00-09.30 Keynote lecture: L. Snyder-Mackler

Live Demonstration

09.20-11.00 Rehabilitation of the shoulder. C. Mikkelsen

Round table

11.00-12.00 Role of the closed and open kinetic chain exercises in lower limb rehabilitation

Live Demonstration

12.00-13.00 Usefull of water rehabilitation. Institute Prosperius Tiberinus Umbertide (*Videoconference*)

Workshop

13.00-14.00 Exercise program in lower limb tendinopathy

S. Chiara Room

09.30-11.00 Discussion about the poster presentations together with the prize Committee. The authors need to be present

SUNDAY 3rd

Auditorium Room

07.50-08.40 **Instructional course # 3**

Bone mass-genetic background, growth factors and fracture implications

08.45-09.05 Keynote lecture: N. Thomas

09.05-09.25 Keynote lecture: M. Lamontagne

09.25-10-10 Presentations

10.10-10.30 Keynote lecture: R. Lorentzon

10.30-12.45 Presentations

Round table

12.45-13.20 Non-surgical treatment and rehabilitation in acute LCP tears

13.30 Conclusions

S. Francesco Room

07.50-08.40 **Instructional course # 4**

Joint stiffness: the role of manual therapy

SUNDAY 3rd

09.00-12.40 **S. Francesco Room**

4th International Conference
EXANGE OF EXPERIENCE
IN ORTHOPAEDICS NURSING
MANAGEMENT

FRIDAY DECEMBER 1st

08.30-09.00 Opening Ceremony

Auditorium Room

**TRANSLATIONAL RESEARCH ON ACL:
FROM MOLECULAR BIOLOGY TO JOINT FUNCTION**

1st Session

Moderators: **S.L.-Y. Woo** (Pittsburgh, USA), **B. Moretti** (Bari)

09.00-09.20 **Keynote Lecture:**

Tunnel healing: Role of molecular biology and functional tissue engineering. **C. H. Chen** (Keelung, Taiwan)

09.20-09.30 The effect of a bioscaffold on the patellar tendon harvest in ACL reconstruction. **PC. Liu, R. Liang, R. Karaoglu, M.B. Fisher, A. Almarza, S.D. Abramowitch, S.L.-Y Woo** (Pittsburgh, USA)

09.30-09.40 Reconstruction of the anterior cruciate ligament – dynamic strain evaluation of the graft. **M. Handl, M. Držík, G. Cerulli, C. Povýšil, J. Chlpík, F. Varga, E. Amler, T. Trč** (Prague, Czech Rep. - Perugia)

09.40-09.50 Solving femoral interference screw divergence in ACL reconstruction. **A. Marmotti, F. Castoldi, R. Rossi, F. Trucchi, C. Bignardi** (Turin)

09.50-10.00 The posterior tibial tendon as an allograft for ACL reconstruction. **R. Buda, S. Giannini, R. Bevoni, F. Di Caprio, A. Ruffilli** (Bologna)

10.00-10.20 **Discussion**

10.20-11.10 **Live Surgery:**

Ankle arthroscopy. **N. Van Dijk** (Amsterdam, Holland)

Moderator: **G. Cerulli** (Perugia)

2nd Session

Moderators: **E. Eriksson** (Stockholm, Sweden), **P. Volpi** (Milan)

11.10-11.30 **Keynote Lecture:**

Double bundle ACL reconstruction. **P. Aglietti** (Florence)

11.30-11.40 Determination of a safe range of knee flexion angles for fixation of the grafts in double bundle ACL reconstruction. **F. Vercillo, S. Noorani, O. Dede, K. Miura, G. Cerulli, S. L-Y Woo** (Perugia – Pittsburgh, USA)

11.40-11.50 On the effect of different tensioning strategies on double bundle anterior cruciate ligament reconstruction kinematics. **P. Cuomo, R. Boddu Siva Rama, A.M.J. Bull, A.A. Amis** (Florence)

11.50-12.00 Hamstrings vs BPTB. Their effectiveness in restoring gait patterns, 2 years after ACL reconstruction. **C. Moraiti, A. Georgoulis** (Ioannina, Greece)

12.00-12.10 Very long term results of anterior cruciate ligament reconstruction combining a patellar tendon graft with extra-articular tendinosis. **P. Verdonk, J. Pernin, T. Ait Si Selmi, P. Massin, P. Neyret** (Angers and Lyon, France – Ghent, Belgium)

12.10-12.30 **Discussion**

3rd Session

Moderators: **G. Cerulli** (Perugia), **F. Giron** (Florence)

12.30-12.50 **Keynote Lecture:**
Revision ACL reconstruction. **B. Engström** (Stockholm, Sweden)

12.50-13.10 **Keynote lecture:**
Biomechanical and biological factors in ACL-rehabilitation. **R.J. Johnson** (Burlington, USA)

13.10-13.30 **Keynote Lecture:**
Clinical outcome of ACL-treatment (Long term follow-ups). **L. Engebretsen** (Oslo, Norway)

13.30-14.30 **Live surgery:** Mini-one. **G. Cerulli** (Perugia), **A. Gigante** (Ancona)
Moderator: **P. Canè** (Rimini)

4th Session

Moderators: **A. Schiavone Panni** (Rome), **G. Rinonapoli** (Perugia)

14.30-14.50 **Keynote Lecture:**
Arthrogenic quadriceps muscle inhibition. **E.M. Wojtis** (Ann Arbor-USA)

14.50-15.10 **Keynote Lecture:**
The early detection and prevention of knee arthritis following ACL-injury and reconstructive surgery. **S. Dye** (San Francisco, USA)

LIVE DEMONSTRATIONS

15.10-16.10 **Laboratory:** *(Videoconference)*
Demonstration of experimental procedures. Musculo-skeletal research centre of Pittsburgh – USA. **S.D. Abramowitch**
Moderator: **S. L-Y. Woo** (Pittsburgh, USA)

16.10-17.00 **Live Surgery:**
All inside technique for ACL reconstruction. **G. Cerulli** (Perugia)
Moderator: **S. Zaffagnini** (Bologna)

17.00-18.00 **Rehabilitation:** (Videoconference)
Knee and Ankle.
Department of Physical therapy and interdisciplinary graduate
program in biomechanics and movement sciences of Delaware – USA
Moderator: **L. Snyder-Mackler** (Newark, USA)

18.00-19.00 **Live surgery:** Intramedullary rodding. **R. Simmermacher** (Utrecht,
The Netherlands)
Moderator: **R. Buzzi** (Florence)

FRIDAY DECEMBER 1st

S. Francesco Room

09.30-09.50 **Keynote Lecture:**
The ratio of the physical therapy in orthopaedics and sports medicine.
S. Werner (Stockholm, Sweden)
Moderator: **F. Ponteggia** (Terni)

LASER THERAPY IN ORTHOPAEDICS AND SPORTS MEDICINE: FROM BASIC SCIENCE TO PRACTICAL APPLICATIONS

1th Session: Basic Science

Moderator: **M. Conforti** (Bergamo)

09.50-10.10 Basic research: the bio stimulation and the thermal superficial effect.
G. Diaferia (Turin)

10.10-10.40 Laser used in physical therapy: high energy pulsating source,
continuous source and almost continuous source. Indication and limits.
M. Corvasce (Turin), **M. Benedini** (Mantova), **L. Magni** (Prato)

2nd Session: Practical applications

Moderator: **G. Algeri** (Bergamo)

10.40-11.00 Use of the FP-3 methodic system in sports traumatology. Practical
simulation of a clinical case. **M. Baldo** (Padova)

11.00-11.40 Use of the FP-3 methodic system in discopathy treatment.
Practical simulation of a clinical case. **C. Mannoni** (Carrara),
V. Morana (Palermo)

11.40-12.00 The laser therapy: a particular transfer of a electromagnetic energy.
How to make a protocol. Practical simulation of a clinical case.
M. Conforti (Bergamo)

3rd Session: Clinical experiences

Moderator: **C. Cappadonia** (Milan)

12.00-13.00 The use of FP-3 laser therapy in professional tennis players. Six years
experiences. **P.F. Parra** (Montecatini)

13.00-14.00 **Live Demonstration:** (Videoconference)
Rehabilitation of the knee prosthesis
(Inst. Prosperius Tiberinus-Umbertide)
Coordinator: **S. Fiorini** (Umbertide)
Moderator: **M. Caserio** (Umbertide)

SATURDAY DECEMBER 2nd

08.00-08.50 **INSTRUCTIONAL COURSE #1** Auditorium Room
How do we teach arthroscopy today?
Coordinator: **E. Eriksson** (Stockholm, Sweden)
Panel: **M. Forssblad** (Stockholm, Sweden), **L. Pederzini** (Sassuolo),
M. Marcacci (Bologna)

08.00-08.50 **INSTRUCTIONAL COURSE #2** S. Francesco Room
Current concept: biomechanical applications in rehabilitation of the athlete
Coordinator: **D.L. Benoit** (Ottawa, Canada)
Panel: **S. Mclean** (Cleveland, USA), **M. Gemignani** (Viareggio),
L. Snyder-Mackler (Newark, USA), **S. Werner** (Stockholm, Sweden)

1st Session

Auditorium Room

Moderators: **D. Rosa** (Naples), **G. Peretti** (Milan)

09.00-09.20 **Keynote Lecture:**
New Methods to Enhance Patellar Tendon Healing and Function after
ACL Reconstruction. **S. L-Y. Woo** (Pittsburgh, USA)

09.20-09.30 Novel Nano-Composite biomaterial for osteochondral tissue
engineering. **E. Kon**, **M. Delcogliano**, **G. Filardo**, **R. Giardino**,
M. Fini, **D. Pressato**, **R. Quarto**, **M. Marcacci** (Bologna)

09.30-09.40 An in vitro tissue engineered model for osteochondral repair.
C. Scotti, **M. Buragas**, **L. Mangiavini**, **C. Sosio**, **D. Di Giancamillo**,
C. Domeneghini, **C. Frascini**, **G. Peretti** (Milan)

09.40-09.50 Effect of blood contact on the morphological, biochemical, and biomechanical properties of engineered cartilage.
C. Sosio, F. Boschetti, C. Bevilacqua, L. Mangiavini, C. Scotti, M. Buragas, G. Frascini, A. Gigante, G. Peretti (Milan – Ancona – New Haven , USA)

09.50-10.05 **Discussion**

2nd Session

Moderators: **A. Delcogliano** (Rome), **P. Antinolfi** (Perugia)

10.05-10.15 Intraoperative evaluation of tibial rotation alignment in total knee arthroplasty. **R. Rossi, M. Bruzzone, F. Dettoni, A. Marmotti, A. Tron, F. Castoldi** (Turin)

10.15-10.25 Risk of nerve injury during posterior lateral release in total knee prosthesis. **R. Rossi, M. Bruzzone, F. Dettoni, A. Ranawat, P. Rossi, F. Castoldi** (Turin)

10.25-10.35 A personal technique for preserving range of motion in two stage revision for infected knee arthroplasty. **M. Villano, M. Scarchini, R. Scialla, C. Carulli, M. D'Elia** (Florence)

10.35-10.45 The mini-midvastus in knee prosthesis surgery. **A. Spinarelli, S. Patella, L. Moretti, R. Garofalo, V. Patella, B. Moretti** (Bari)

10.45-11.05 **Discussion**

3rd Session

Moderators: **D.L. Benoit** (Newark, USA), **A. Biscarini** (Perugia)

11.05-11.25 **Keynote Lecture:**
Clinical biomechanics: Neuromuscular control to prevent injuries.
M. Lamontagne (Ottawa, Canada)

11.25-11.35 Three-dimensional kinematics and electromyography of the lower limb of male and female elite soccer players performing unanticipated cutting manoeuvre. **M. Beaulieu, M. Lamontagne, L. Xu** (Ottawa, Canada)

11.35-11.45 Evaluation of single and multi joint models of the ankle using hybrid EMG-Driven approaches. **D.N. Bassett, Q. Shao, D.L. Benoit, K.T. Manal, T.S. Buchanan** (Newark, USA)

11.45-11.55 Modification through neuromuscular electro stimulation of the foot during gait. **F. Romano, L. Marinato, F. Bizzarri, A. Condolo, A. Pravisano, A. Zuliani, D. Degano** (L'Aquila – Udine)

11.55-12.10 **Discussion**

4th Session

Moderators: **A. Caraffa** (Perugia), **R. Buda** (Bologna)

12.10-12.30 **Keynote lecture:**
Patello femoral Joint replacement: The 3rd compartment.
J.H. Newman (Bristol, U.K.)

12.30-12.40 New method in treatment of coracoid impingement - **S. Giannotti, V. Bottai, M. Ghilardi, F. Troiani, G. Guido** (Pisa)

12.40-12.50 Minimally invasive endoscopic reconstruction technique of acute AC-joint dislocations- a cadaver study. **M. Osti, R. Seil, F. Bachelier, D. Kohn, K.P. Benedetto** (Feldkirch, Austria)

12.50-13.00 The Lars-ligament in the treatment of acromio-clavicular dislocations.
F. Simeone, M. Memminger, C. Fioruzzi (Piacenza)

13.00-13.15 **Discussion**

13.30-14.30 **Live Surgery:**
Hip prosthesis revision. **H.P. Sieber** (Biel –Bienne, Switzerland)
Moderator: **M. Innocenti** (Florence)

5th Session

Moderators: **E. Eriksson** (Stockholm, Sweden), **G. Guido** (Pisa)

14.30-14.50 **Keynote Lecture:**
The influence of the lower pole of patella in the genesis of chronic patellar tendinosis. **H. Paessler**, (Heidelberg, Germany)

14.50-15.10 **Keynote Lecture:**
Arthroscopic resection of lower pole of patella in patients with chronic patellar tendinosis. **H. Paessler**, (Heidelberg , Germany)

15.10-15.30 **Keynote Lecture:**
Shoulder instability. **C.H. Chen** (Keelung, Taiwan)

LIVE DEMONSTRATIONS

15.30-16.30 **Live Surgery:**
Shoulder arthroscopy. **A.Valentin** (Stockholm, Sweden)
Moderator: **P. Randelli** (Milan)

16.30-17.30 **Laboratory:** (Videoconference)
Motion analysis. (Ottawa, Canada)
Moderator: **M. Lamontagne** (Ottawa, Canada)

1st Session

17.30-18.30 **Live Surgery:** Hip Arthroplasty. **R. P. Beaulé** (Ottawa, Canada)
Moderator: C. Orso (Chieti)

Moderators: V. Salini (Chieti), **A. Gigante** (Ancona)

SATURDAY DECEMBER 2nd

S. Francesco Room

09.00-09.20 **Keynote Lecture:**
Guidelines on athlete’s rehabilitation combining exercises and modalities. When, how and why? **L. Snyder-Mackler** (Newark, USA)
Moderator: S. Werner (Stockholm, Sweden)

09.20-11.00 **Live Demonstration**
Rehabilitation of the Shoulder. **C. Mikkelsen** (Stockholm, Sweden)
Moderator: S. Werner (Stockholm, Sweden)

11.00-12.00 **Round Table**
Role of the closed and open kinetic chain exercises in lower limb rehabilitation.
Moderators: F. Ponteggia (Terni), **R. Antenucci** (Perugia)
Panel : S. Werner (Stockholm, Sweden), **A. Foglia** (Macerata), **S. Simonetti** (Perugia), **L. Snyder-Mackler** (Newark, USA)

12.00 -13.00 **Live Demonstration:** (Videoconference)
Usefulness of water rehabilitation
Institute Prosperius Tiberinus-Umbertide
Coordinator: S. Fiorini (Umbertide)
Moderator: M. Caserio (Umbertide)

13.00-14.00 **WORKSHOP:**
Exercises program in lower limb tendinopathy.
D. Tornese (Milan), **G. Canata** (Turin), **A. Foglia** (Macerata)

09.05-09.15 The ankle imbalance as risk factor in traumatic ACL injuries.
M.L. Zampagni, I. Corazza, S. Zaffagnini, A. Paladini Molgora, M. Marcacci (Bologna)

09.15-09.25 Ankle sprain: An epidemiology retrospective study. **M. Celi, L. Bondi, I. Cerocchi, M. Celi, U. Tarantino** (Rome)

09.25-09.35 Ankle acute inversion injuries in children and adolescent: static and dynamic ultrasound examination. **M. Giordano, S. Rivelli, V. Guzzanti** (Rome)

09.35-09.45 Are MRI signal changes of the pedicle really an indicator for early diagnosis of lumbar spondylolysis in adolescent athletes ?
Y. Yamamoto, H. Otsuka, N. Yamamoto (Akita, Japan)

09.45-09.55 Instrumented lumbar interbody fusion, an experimental study in animals. **C. Doria** (Sassari)

09.55-10.15 **Discussion**

2nd Session

Moderators: H. Alfredson (Umeå, Sweden), **M. Gemignani** (Viareggio)

10.15-10.35 **Keynote Lecture:**
Evidence-based medicine in Orthopaedics and Sports Medicine.
R. Lorentzon (Umeå, Sweden)

10.35-10.45 Prospective and randomised studies of achilles and patellar tendinosis using polidocanol and placebo. **H. Alfredson** (Umeå, Sweden)

10.45-10.55 The association between physical activity and BMD is modulated by Catechol-O-Methyltransferase (COMT) genotype-The GOOD study.
M. Lorentzon, A. Eriksson, S. Mellström, C. Ohlsson (Gothenburg, Sweden)

10.55-11.05 Observations in favour of a presence of local catecholamine production in the human Achilles tendon – of importance when understanding potential adrenergic effects in Achilles tendinosis. **D. Bjur, P. Danielson, H. Alfredson, S. Forsgren** (Umeå, Sweden)

11.05-11.15 The arteries in the area targeted with successful sclerosing injections for Achilles tendinosis are under distinct neural control. **G. Andersson, P. Danielson, H. Alfredson, S. Forsgren** (Umeå, Sweden)

11.15-11.25 Effectiveness of hypothermia and physical therapy in the treatment of athletic pubalgia. A short term randomised clinical study.
L. Moretti, R. Garofalo, V. Vergine, B. Moretti, V. Patella (Bari)

SUNDAY DECEMBER 3rd

07.50-08.40 **INSTRUCTIONAL COURSE # 3** **Auditorium Room**
Bone mass-genetic background, growth factors and fracture implications.
Coordinators: M. Lorentzon (Gothenburg, Sweden)
Panel: A. Gigante (Ancona), **G. Peretti** (Milan), **A. Ciardullo** (Florence)

07.50-08.40 **INSTRUCTIONAL COURSE # 4** **S.Francesco Room**
Joint stiffness: the role of manual therapy.
Coordinators: F. Ponteggia (Terni)
Panel: L. Snyder-Mackler (Newark, USA), **A. Foglia** (Macerata)

08.45-09.05 **Keynote Lecture:** **Auditorium Room**
The scientific basis of meniscal surgery in ACL-deficient knees.
N. Thomas (Winchester, U.K.)
Moderator: G. Cerulli (Perugia)

11.25-11.35 Achilles tendon injuries and the relationship with cavus foot.
L. Bondi, I. Cerocchi, M. Celi, U. Tarantino (Rome)

11.35-12.05 **Discussion**

3rd Session

Moderators: **B. Engström** (Stockholm, Sweden), **A. Siena** (Perugia)

12.05-12.15 Implementation of a standardized rehabilitation protocol in a controlled prospective randomised multicenter study for symptomatic articular cartilage defects. **D. Van Assche, D. Van Caspel, F. Staes, J. Bellemans, J. Vanlauwe, D.B. Saris, F.P. Luyten** (Leuven, Belgium – Utrecht, The Netherlands)

12.15-12.25 The effect of uniaxial stretching on medial collateral ligament cells in a rabbit model. **Wei-Hsiu Hsu, Kuo-Chin Huang, Kuo-Ti Peng, Robert Wen-Wei Hsu** (Chia Yi, Taiwan)

12.25-12.35 Pain memory and functional recovery in hallux valgus surgery
A. Spada, M.M. Parrini, S. Betti (Milan)

12.35-12.50 **Discussion**

12.50-13.30 **Round Table :**

Non-surgical treatment and rehabilitation in acute LCP Tears

Moderator: **E. Eriksson** (Stockholm, Sweden)

Panel: **G. Canata** (Turin), **E. Trinchese** (Perugia), **S. Werner** (Stockholm, Sweden)

13.30 **Conclusions**

Auditorium Room

POSTER SESSION

THE Y-ROBOTS AWARD FOR THE BEST POSTER

Exhibition: from Friday December 1st to Sunday December 3rd

Board: **H. Alfredson** (Umeå, Sweden) President of the Board
G. Rinonapoli, G.B. Mancini, P. Antinolfi, M. Massarella (Perugia)

- 1) Anterior cruciate ligament reconstruction using the Rigid Fix femoral fixation device and anteromedial portal technique: a cadaver study.
R. Rossi, F. Castoldi, A. Marmotti, D. Bonasia, M. Assom (Turin)
- 2) Mid-term follow up of ACL reconstruction with IAB. **F. Vercillo, G. Zamarra, F. Guerriero, A. Burini, S. Bruè, G. Cerulli** (Perugia)
- 3) Postero-lateral complex lesion of the knee. **R. Garofalo, L. Moretti, A. Di Giovanni, S. Patella, B. Moretti, V. Patella** (Bari)
- 4) Hydrokinesitherapy used in ACL reconstruction: its role. **M. Mezzapesa, M. Nardi, A. Raschi, A. Costagli, S. Fiorini** (Florence, Umbertide)
- 5) A long-term retrospective study of anterior cruciate ligament repair using allograft reconstruction. **P. Verdonk, F. Almqvist, S. De Brabandere, P. Willaert, R. Verdonk** (Ghent, Belgium)
- 6) Rehabilitation in water environment. **A. Biscarini, S. Simonetti** (Perugia)
- 7) Vibrations as muscular toning technique. **S. Fiorucci, S. Passigli, G. Capriani, F. Barducci, S. Fiorini** (Florence, Umbertide)
- 8) First results of arthroscopic treatment of osteochondral defects of the knee with a biodegradable scaffold. **S. Giannotti, V. Bottai, M. Ghilardi, C. Bulgarelli, G. Guido** (Pisa)
- 9) Biomechanical evaluation in anterior knee pain. **D. Checcarelli, L. Tosi, C. Ceravolo, C. Fusco, E. De Canonico, G. Cerulli, A. Caraffa** (Perugia)
- 10) Biomechanical evaluation pre - and post high tibial osteotomy for varus knee arthritis. **G. Zamarra, F. Vercillo, G. Potalivo, S. Palladini, A. Archilietti, A. Caraffa** (Perugia)

MODERATORS AND SPEAKERS

Abramowitch S.D. (Pittsburgh, USA)
Aglietti P. (Florence)
Ait Si Selmi T. (Lyon, France)
Alfredson H. (Umeå, Sweden)
Algeri G. (Bergamo)
Almarza A. (Pittsburgh, USA)
Almqvist F. (Ghent, Belgium)
Amis A.A. (Florence)
Amler E. (Bratislava, Slovakia)
Andersson G. (Umeå, Sweden)
Antenucci R. (Perugia)
Antinolfi P. (Perugia)
Archilietti A. (Perugia)
Assom M. (Turin)
Bachelier F. (Feldkirch, Austria)
Baldo M. (Padova)
Barducci F. (Florence, Umbertide)
Bassett D.N. (Newark, USA)
Beaulé R.P. (Ottawa, Canada)
Beaulieu M. (Ottawa, Canada)
Bellemans J. (Leuven, Belgium)
Benedetto K. P. (Feldkirch, Austria)
Benedini M. (Mantova)
Benoit D. (Ottawa, Canada)
Betti S. (Milan)
Bevilacqua C. (Ancona)
Bevoni R. (Bologna)
Bignardi C. (Turin)
Biscarini A. (Perugia)
Bizzarri F. (L' Aquila)
Bjur D. (Umeå, Sweden)
Boddu Siva Rama R. (Florence)
Bonasia D. (Turin)
Bondi L. (Rome)
Boschetti F. (Milan)
Bottai V. (Pisa)
Bruè S. (Perugia)
Bruzzo M. (Turin)
Buchanan T.S. (Newark, USA)
Buda R. (Bologna)
Bull A.M.J. (Florence)
Buragas M. (New Haven, USA)
Burini A. (Perugia)
Buzzi R. (Florence)
Canata G. (Turin)
Canè P. (Rimini)
Cappadonia C. (Milan)
Capriani G. (Florence, Umbertide)
Caraffa A. (Perugia)
Carulli C. (Florence)
Caserio M. (Umbertide)
Castoldi F. (Turin)
Celi M. (Rome)
Ceravolo C. (Perugia)
Cerocchi I. (Rome)
Cerulli G. (Perugia)
Checcharelli D. (Perugia)
Chen C. H. (Keelung, Taiwan)
Chlpik J. (Bratislava, Slovakia)
Ciardullo A. (Florence)
Condolo A. (Udine)

Conforti M. (Bergamo)
Corazza I. (Bologna)
Corvasce M. (Turin)
Costagli A. (Florence, Umbertide)
Cuomo P. (Florence)
D'Elia M. (Florence)
Danielson P. (Umeå, Sweden)
De Brabandere S. (Ghent, Belgium)
De Canonico E. (Perugia)
Dede O. (Pittsburgh, USA)
Degano D. (Udine)
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Delcogliano M. (Bologna)
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Di Caprio F. (Bologna)
Di Giancamillo D. (Milan)
Di Giovanni A. (Bari)
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Domeneghini C. (Milan)
Doria C. (Sassari)
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Fini M. (Bologna)
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Fiorucci S. (Florence, Umbertide)
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Forsssblad M. (Stockholm, Sweden)
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Patella V. (Bari)
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Rossi R. (Turin)
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Scialla R. (Florence)
Scotti C. (Milan)
Seil R. (Feldkirch, Austria)
Shao Q. (Newark, USA)
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Simeone F. (Piacenza)
Simmermacher R. (Utrecht, The Netherlands)
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Ti Peng K.-T. (Chia Yi, Taiwan)
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Tosi L. (Perugia)
Trč T. (Prague, Czech Rep.)
Trinchese E. (Perugia)
Troiani F. (Pisa)
Tron A. (Turin)
Trucchi F. (Turin)
Valentin A. (Stockholm, Sweden)
Van Assche D. (Leuven, Belgium)
Van Cappel D. (Utrecht, The Netherlands)
Van Dijk N. (Amsterdam, Holland)
Vanlauwe J. (Leuven, Belgium)
Varga F. (Bratislava, Slovakia)
Vercillo F. (Perugia)
Verdonk P. (Ghent, Belgium)
Verdonk R. (Ghent, Belgium)
Vergine V. (Bari)
Villano M. (Florence)
Volpi P. (Milan)
Werner S. (Stockholm, Sweden)
Willaert P. (Ghent, Belgium)
Wojtis E.M (Ann Arbor-USA)
Woo S.L.-Y (Pittsburgh, USA)
Xu L. (Ottawa, Canada)
Yamamoto N. (Akita, Japan)
Yamamoto Y. (Akita, Japan)
Zaffagnini S. (Bologna)
Zamarra G. (Perugia)
Zampagni M.L. (Bologna)
Zuliani A. (Udine)

GENERAL INFORMATION

Date of the 10th “Orthopaedics, Biomechanics and Sport Rehabilitation”:
December, 1-3 2006
Course venue: Grand Hotel Assisi, Via Fratelli Canonichetti (Assisi-Perugia)
Website: www.letpeoplemove.com

REGISTRATION

COURSE: Before November 20th 100.00 Euro
after November 20th only at the congress venue 130.00 EURO

The registration form has to be filled out and sent to the Secretariat before November 20th 2006. After this date registration can only take place on site.
Registration fee includes: congress bag, certificate of attendance.

SCIENTIFIC INFORMATION

Technical Information

An audio-visual centre will be available at the congress venue. 35-mm slides in double projection, VHS video cassettes, and PC can be projected. The presentation will have to be ready at least 1 hour in advance. Simultaneous translation from English to Italian and Italian to English will be provided.

Presentations

The speakers are asked to strictly respect their allowed time for their presentations which is indicated in the program.

Badge

For organisational reasons, all participants will be required to wear their identifications cards in the congress bag.

Technical/Scientific Exhibition

Scientific and technical exhibits will be presented in the conference venue.

Hotel Reservation

Participants will have to organize their own hotel reservation.
**For additional information about hotel reservations, please call
Grand Hotel Assisi, Via Fratelli Canonichetti (Assisi-Perugia)
Phone number 0039 075 81501 –Fax 0039 075 8150777**

Registration Form

Surname/ CognomeName/Nome.....

CODICE FISCALE (Italians Only).....

Profession/ Professione.....

Institute/ Istituto.....

Address/ Indirizzo.....

Zip/CapCity/ Città.....Country/Nazione.....

Phone /Tel.....

Fax.....E-mail.....

Invoice/ Fattura:

Address/ Indirizzo.....

Zip./Cap.....City/Città.....Country/ Nazione.....

P.I (Italians Only).....

FEES

COMPLETE COURSE FOR MEDICAL DOCTOR AND PHYSIOTHERAPIST:

Before November 20th, EURO 100.00

After November 20th, (only at the congress venue) EURO 130.00

The prices include VAT 20%

The payment must be completed by 20th November 2006 :

- Money order, non-transferable cheque, addressed to the Organizing Committee and send by priority mail, along with the registration form.
- Bank transfers should be issued to:
LET PEOPLE MOVE- ACCOUNT N. 000029394080 – CIN:O – ABI 02008 – CAB
03012

BIC SWIFT: UNCRITB1J33 - UNICREDIT-Ag, 11, Via della Pallotta – 06100 Perugia

Please send this registration form and a copy of the bank draft by mail, fax or e-mail to the
ORGANIZING SECRETARIAT