Advances in Muscles, Ligaments and Tendons
Research and Clinical Practice

Rome, November 26-27, 2011
Campus X Tor Vergata
Via di Passalombardo, 341
www.ismuft.com
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12.20 WORKSHOP
Research and Innovation: Diagnastic Application for Shock Wave
Chairmen: N. Maffulli, F.P. Farina, J. Rompe
Shock Wave therapy without pain: Space and temporary focalisation
C. La Gatta
Interaction of magnetic field at high intensity pulses on living tissue for shock wave therapy
A. La Gatta
Which traumatic conditions we can treat by Shock wave with diagnostic technology?
S. Berti
Calcific tendinopathy of the shoulder. Results with DISWII
V. De Luca

III SESSION: MISCELLANEOUS TENDONOPATHY
Chairmen: P. Agopony, E. Faicari
14.30 Tendinopathy: not a localized problem
U.G. Lange
14.40 Tendon cramps and persistent injuries responding to tensile manoeuvres
M. Franch
14.50 Effects of exercise on rat myotendinous junction architecture
E. Faicari
15.00 Dilatc tears tendon rupture: Case series
G. Guarnicce
15.10 Mechanical stimulation of tendon healing: dose-responsive and gene expression in rats
P. Agopony
15.20 Personal Diatosis. Superior peroneal reattachement with absorbable anchors
F. Oliveri
15.30 Discussion

IV SESSION: BASIC SCIENCE
Chairmen: M.G. Benedetti, S. Rapisardi
15.40 Effect of training and sudden detraining on the patellar tendon and its eminence
A. Frazziere
15.50 Scaffolds in tendon and ligament repair: a critical review
A. Gigante
16.00 The role of mesenchymal stem cells
L. Rufino
16.10 Anisotropic osteo-like cells for treatment of spontaneous tendinopathies in the horse
M. Alboni
16.20 Surperoxide characteristics, mechanisms and functional significance
M.V. Narici
16.30 Discussion

The Congress refers to Surgeons specializing in Rehabilitation, Sports Medicine, Orthopedics and Traumatology and also for Physiotherapists
Credits will be assigned only if the participant has attended the entire Course and completed and signed the self-evaluation questionnaire

Sunday, November 27th

VII SESSION: NEW ADVANCES IN PHYSICAL THERAPY
Chairmen: J.P. Farina, M. Valgani
8.30 ESWT for heel pain
J. Rompe
8.40 ESWT as a treatment for patella tendinopathy
J.P. Farina
8.50 ESWT for greater trochanter pain syndrome
J. Rompe
9.00 Soft tissue injuries. Future innovations in the electromechanical field
C. La Gatta

9.10 Shockwave therapy for chronic proximal hamstring tendinopathy in elite athletes
V. Sarto
9.20 Mechanical vibration and mio-capulal-ligament unit
A. Nota
9.30 Discussion

9.40 WORKSHOP
Tendinopathy: state of the art and perspectives
Introduction to “Tendinopathy Guidelines”
N. Maffulli
Tendinosis anatomy and pathophysiology
F. Oliveri
Rehabilative approaches to tendinosis
A. Frazziere
Nitric oxide and tendinopathy
D. Ture
RSWT and nitric oxide to treat shoulder calcific tendinopathy
M. Scaroni

VIII SESSION: ENTESTOPATHY AND RHEUMATIC DISEASE
Chairmen: L. Frizziere, G. Giorgianni, A. Migliore
11.00 Pathogenesis of enthesopathies in rheumatic diseases
A. Lucioni
11.10 Clinical aspects of rheumatic enthesitis
L. Frizziere
11.20 Ultrasonography in the diagnosis of rheumatic enthesitis
D. Epi
11.30 Diagnosis and treatment of enthesopathies
M. Confori
11.40 Rehabilitation treatment of patients affected by rheumatic enthesitis
S. Masera
11.50 Discussion

IX SESSION: KNEE LIGAMENTS
Chairmen: U. Toninato, S. Zaffagnini
12.00 Single or double bundle in ACL reconstruction
What is the best?
N. Maffulli
12.10 Anterior cruciate ligament reconstructions with a quadrupled semitendinosus tendon
D. Foz
12.20 Supramyotaxy of grafts in anterior cruciate ligament reconstruction
F. Tissi
12.30 New perspectives in biomechanical ligaments lesions of the knee
S. Zaffagnini
12.40 Medical paralleloflamin ligament reconstruction for recurrent patellar dislocation
Surgical procedure review
M. Ronca
12.50 Discussion
13.00 C.M.E. Self Evaluation questionnaire and closing