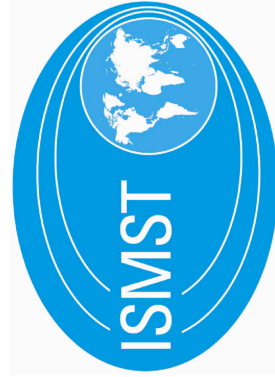


ANTIBES-JUAN LES PINS

ISMST

INTERNATIONAL
SOCIETY OF THERAPEUTIC
SHOCKWAVE TREATMENT



International Society for Medical Shockwave Treatment

Sponsored by:

EMS Electro Medical Systems
GHS Medical
GymnaUniphly N.V.
Medispec Ltd.

MTS Europe GmbH
Richard Wolf GmbH
Storz Medical AG
SwiTech Medical AG

11th International Congress of the ISMST

Le Meridien Hotel

June 5th – 7th, 2008

SCIENTIFIC
PROGRAMME



ISMST

International Society of Medical Shockwave Treatment

11th International Congress of the ISMST

Le Meridien Hotel

June 5th – 7th, 2008

Scientific Program

LETTER OF THE PRESIDENT OF THE ISMST

Dear Friends and Colleagues, welcome! Bienvenue!

After two years in the new World (Rio 2006, Toronto 2007), You are cordially invited to join the 11th ISMST Congress being held June 5th – 7th, 2008 at the Meridien Garden Beach Hotel in fabulous Juan les Pins, French Riviera, France!

A lot of the world's leading scientists, clinical investigators, rheumatologists, clinicians, physiotherapists and veterinarians, orthopaedic surgeons, industrials and others interested in shockwave treatment are expected to attend and take advantage of this global forum, presented annually by the ISMST. This year, our outstanding program brings not only study results of musculoskeletal treatments, as in the last years many new indications including but not limited to chronic skin lesions, osteonecrosis of the femoral head, stable angina pectoris, second degree burn, plastic flap reconstruction and antibacterial application etc. will be focused.

Quaint and picturesque Juan les Pins is surrounded by well known cities and villages bursting with history, like Cannes, Haut de Cagnes and St. Paul de Vence. The South of France is a historical wonderland, from the Greeks to the Romans, from castles to churches, glorious examples of ancient architecture still stand today, a testament to a rich tapestry of blended stories. The Le Meridien Garden Beach Hotel enjoys a privileged location in the heart of Juan-Les-Pins, between the pine grove – famous for its Jazz Festival – and the sea. It overlooks one of the nicest sandy beaches of the French Riviera and commands spectacular views over Cap d'Antibes, the Lérins Islands and the Estérel hills. I am confident You will agree, that we couldn't have chosen a better location for the 2008 ISMST Congress than Juan les Pins. I welcome You here for an ISMST Congress with the French touch.

Roland Hamisultane; June, 2008

The organizing committee of the 11th International ISMST Congress



R. Hamisultane
(France)



W. Schaden (Austria)



R. Thiele (Germany)



V. Auersperg (Austria)

SWISS DOLORCLAST® CLASSIC

THE NEXT GENERATION → FDA – APPROVED

- 20 Hz MAXIMUM TREATMENT FREQUENCY
- 0,55 mJ/mm² MAXIMUM ENERGY FLOW DENSITY
- GEL BOTTLE AND CABLE HOLDER INCLUDED
- FOOT- AND HANDPIECE CONTROLLED APPLICATION
- STANDARD- AND POWER+ HANDPIECE INCLUDED
- SIX APPLICATORS
FOR BEST TREATMENT ADAPTATION
RADIAL 6 mm, 10 mm, 15 mm
FOCUS 15 mm
TRIGGER 15 mm
PLANAR 36 mm

- INCLUSIVE:
TRIGGER APPLICATION – DVD
SCIENTIFIC INFORMATION UPDATE – CD
COMPREHENSIVE ACCESSORIES



EMS S.A.
Ch. de la Vuarpillièrre 31
CH-1260 Nyon
Switzerland

Tel. +41 22 99 42 607
Fax +41 22 99 44 701
welcome@ems-ch.com
www.ems-medical.com

EMS 
ELECTRO MEDICAL SYSTEMS

Wednesday, June 4th

- 15:00 – 17:00 **Early registration**
Meridien Garden Beach Hotel, Juan les Pins
La Pinède – 15/17 Bd. Baudoin
F-06162 Juan les Pins
- 16:00 – 18:00 **Meeting of the Managing Board**
Meeting room “Réunion”
Hôtel Juana - La Pinède - Avenue Gallice
F-06160 Juan-Les-Pins
- 20:00** Dîner at the «La terrasse Club» restaurant of **Hôtel Juana**

Thursday, June 5th

- as of 08:00 **Registration**
- 8:00 – 17:30 **Industrial exhibition**
- 08:30 – 09:00 **Opening Ceremony:**
Words of welcome:
→ Dr. Roland Hamisultane (President of the ISMST)
→ Doz. Dr. Heinz Kuderna (Honorary ISMST-President)
- 09:00 – 09:50 **Session 1: General Overview**
Chairmen: R. Hamisultane – H. Kuderna
- 09:00 – 09:07 Tom Matula, Jinfei Yu (USA)
How cavitation evolves during ESWT treatment [1]
- 09:07 – 09:14 Pavel Novak (Switzerland)
Extracorporeal Pulse Activation Therapy (EPAT) [2]
- 09:14 – 09:21 Christoph Schmitz, Markus Maier (Germany)
Shock wave therapy: What really matters [3]

- 09:21 – 09:28 Hans-Jürgen Duchstein, Kerstin Neumann, Helmut G. Neuland (Germany)
Possible mechanism of mechanotransduction induced by external stress like shockwave application [4]
- 09:28 – 09:35 Markus Maier, Christoph Schmitz (Germany)
The development and state of the art treatment of ESWT [5]
- 09:35 – 09:50 Discussion
- 09:50 – 10:50 **Session 2: Plantar Fasciitis / Heel**
Chairmen: A. Souza - J. Rompe
- 09:50 – 09:57 Gabriele Verratti, Miguel Angel Guedez, Myriam Capasso (Venezuela)
Improving the effectiveness of shock wave therapy in plantar fasciitis: A comparative trial [6]
- 09:57 – 10:04 José Eid (Brazil)
ESWT in Plantar Fasciitis - 7 years of experience with two different devices [7]
- 10:04 – 10:11 Roberto Audain; Raul Chirinos, Yarila Alvarez (Venezuela)
Extracorporeal shockwave therapy in the treatment of plantar fasciitis: Report of 195 cases [8]
- 10:11 – 10:18 Roland Hamisultane (France)
ESWT in Sever's Disease, an Exceptionally Good Indication [9]
- 10:18 – 10:25 Mahmoud Ibrahim; Robert A. Donatelli, Madeleine Hellman, Frederick Buxbaum (USA)
The Effectiveness of Extracorporeal Shock Wave Therapy for Patients with Plantar Fasciitis who Satisfy a Clinical Prediction Rule [10]
- 10:25 – 10:32 Bernard Fabio Meyer, Erno Thober, Mauro Meyer (Brazil)
The effect of oral analgesics on pain tolerance during Extracorporeal Shock Wave Therapy (ESWT) for Chronic Plantar Fasciitis (CPF): A double-blind randomized placebo-controlled trial [11]
- 10:32 – 10:50 Discussion

10:50 – 11:15 **Coffee break**

11:15 – 12:25 **Session 3: Tendinopathies I**

Chairmen: J. Furia - S. Russo

11:15 – 11:22 Maria Cristina Ottone, Filippo Fagnani (Italia)
ESWT - large focus/low energy density versus small focus/high energy density using the same total energy delivered (mJ): evaluation of Results on calcific tendinitis of the shoulder [12]

11:22 – 11:29 Antonio Morral, Mariano Fernández-Fairen (Spain)
Effect of radial extracorporeal shock wave therapy for trochanter pain syndrome [13]

11:29 – 11:36 Maria Cristina Ottone, Rino Feltri (Italia)
ESWT in the treatment of epicondylitis: What results in medium- to long-term? (Efficacy only in the short term or also in the medium- to long- term?) [14]

11:36 – 11:43 Jan-Dirk Rompe, John Furia, Nicola Maffulli (Germany, USA, UK)
Eccentric loading versus shock wave treatment for chronic insertional Achilles tendinopathy [15]

11:43 – 11:50 John Patrick Furia (USA)
High Energy Extracorporeal Shock Wave Therapy as a Treatment for Non-Insertional Achilles Tendinopathy [16]

11:50 – 11:57 Antonio Ammendolia, T. Iona (Italy)
Chronic Achilles tendon pain: tendon microcirculation and radial extracorporeal shock wave therapy (rESWT) [17]

11:57 – 12:04 Jan-Dirk Rompe, John Furia, Nicola Maffulli (Germany, USA, UK)
Eccentric loading, shock wave treatment, or a wait-and-see policy for tendinopathy of the main body of tendo Achillis [18]

12:04 – 12:25 Discussion

12:30 – 14:00 **Lunch**

14:00 – 14:50 **Session 4: Experimental I**

Chairmen: L. Gerdesmeyer - S. Marx

14:00 – 14:07 Helmut Garrelt Neuland, Andreas Lang (Germany)
The Influence of Mechanotransduction (ESW) on the Reaction of Membrane Ion Channels by means of Patch Clump Technique [19]

14:07 – 14:14 Andreas Lang, Helmut Neuland (Germany)
Extracorporeal Shockwaves, Cell and Pain [20]

14:14 – 14:21 Loredana Serpe, Roberto Canaparo, Gian Paolo Zara, Pietro Tizzani, Marina Berta, Laura Berta, Roberto Frairia (Italy)
High Energy Shock Waves and 5-aminolevulinic acid: effects on a rat colon cancer cell line [21]

14:21 – 14:28 Maria Graziella Catalano, Laura Berta, Mariateresa Pugliese, Nicoletta Fortunati, Pietro Tizzani, Roberto Frairia (Italy)
High energy shock waves (HESW) enhance 5-aminolevulinic acid and paclitaxel cytotoxicity in anaplastic thyroid cancer cells. [22]

14:28 – 14:35 Ivana Maria Belotti, Adren Nzeusseu Toukap (Italy)
New RSWT protocols validation in inflamed tendon [23]

14:35 – 14:50 Discussion

14:50 – 16:20 **Session 5: Tendinopathies II**

Chairmen: J. Eid - J. Rompe

14:50 – 14:57 Aná Claudia Souza, Alexandra Schmidt, Flavia Arkader, João Batista Pereira, Mara Lui, Paulo Rockett, Paulo Roberto dos Santos (Brasil)
Extracorporeal Shockwave for Chronic Tendinopathies – Data Analysis. [24]

14:57 – 15:04 Viktor Vyacheslavovich Titov, Andrew Litvinenko (Russia)
The practicalities of the application of the complex enthesopathy theory in orthopaedics [25]

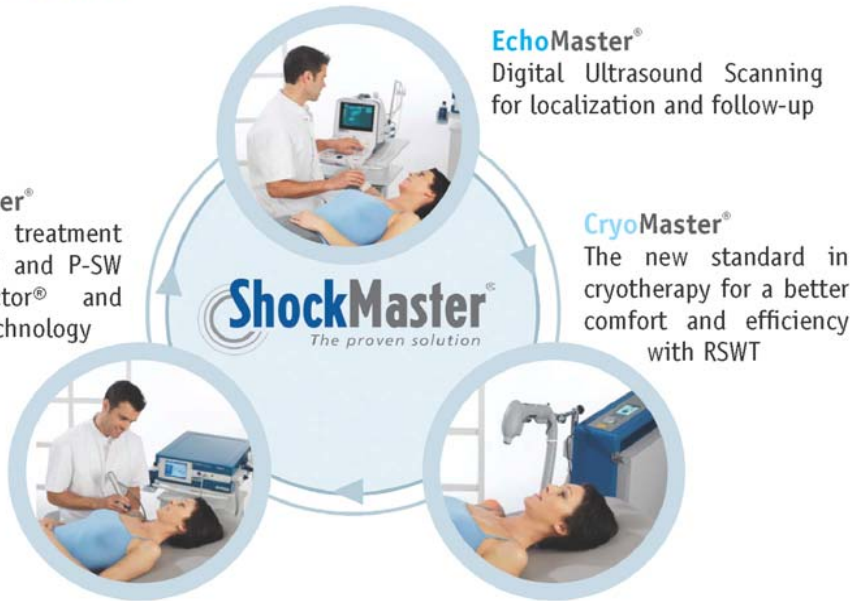
- 15:04 – 15:11 Roland Hamisultane (France)
Evaluation with ultrasound and color doppler of the results of ESWT for the control of hypervascular areas in Non-Insertional Achilles tendinosis. Power Doppler: new tool for ESWT [26]
- 15:11 – 15:18 Rolf F. Rädcl, J. Wertenbruch, U. Dreisilker, G.Kievernagel, G.Schramm (Germany)
Ten-year results of high-energy extracorporeal shock wave therapy (electro-hydraulic) of tendinosis calcarea of the shoulder [27]
- 15:18 – 15:25 Ulrich Dreisilker, Rolf Rädcl (Germany)
Falsities and false diagnosis in shock wave therapy [28]
- 15:25 – 15:32 Paulo Facciolla Kertzman, Jose Eid (Brasil)
ESWT as an option when surgery fails [29]
- 15:32 – 15:39 Paolo Buselli, Sara Messina
Flow analysis of out-patient activity: one-year report. Reflections on shock-wave therapy indications [30]
- 15:39 – 15:46 David H. Zuckerman, Denise Ashcraft (USA)
Our experience using the Dornier Epos Ultra High Energy Protocol one year follow-up [31]
- 15:46 – 15:53 Nick Boden, Thomas Ong (Malaysia)
Focused or Radial Shockwave Therapy? [32]
- 15:53 – 16:20 Discussion
- 16:20 – 16:50 **Coffee break**
- 16:50 – 18:20 **Session 6: Bone Pathologies**
Chairmen: R. Coombs - W. Schaden
- 16:50 – 16:57 Sergio Russo, Emanuele Astarita, Umberto Russo, Vincenzo Scarpato, Clemente Servodio Iammarrone (Italy)
Avascular osteonecrosis in young patients: Long distance follow up of treatment with shock waves [33]
- 16:57 – 17:04 Ching-Jen Wang, Feng-Sheng Wang, Jih-Yang Ko, Hsuan-Ying Huang, Chung-Jen Chen, Yi-Chih Sun, Ya-Ju Yang (Taiwan)
Extracorporeal Shockwave in Hip Necrosis: Are combined therapies more effective than ESWT alone? [34]
- 17:04 – 17:11 Maria Cristina d'Agostino, L. Marzella, M. Rubini, C. Bonora, A. Lazzerini, V. Sansone (Italy)
Extracorporeal shock waves in Kienböck disease: Clinical experience and scientific speculations [35]
- 17:11 – 17:18 Peter Marinov Mihaylov, V. Valchanov (died in 2001), Heriberto Bickman (Angola)
Twenty-one years ago the first patent was filed for treating bone pathologies using high energy shock waves. [36]
- 17:18 – 17:25 Fernando Dujo Rodriguez (Spain)
Our Experience with Shockwave Therapy [37]
- 17:25 – 17:32 Dimitar Ivanov Raykov (Bulgaria)
ESWT in Delayed Union of the Ulna [38]
- 17:32 – 17:39 Julian A. Brañes, D. Sepúlveda; L. Guiloff; M. Brañes (Chile)
Delayed union and non-union in pediatric patients treated with ESWT. [39]
- 17:39 – 17:46 Andrea Valentin, A. Fischer, A. Menschik, N. Haffner, W. Schaden (Austria)
Extracorporeal Shockwave Therapy for Non-Unions and Delayed Healing Fractures [40]
- 17:46 – 17:53 Claudio Tuto Maria Guerra, Ernesto Amelio (Italy)
Shock Wave Treatment for Non-Unions - Verona Experience [41]
- 17:53 – 18:20 Discussion
- 18:20 – 19:30 **Annual General Meeting**
- 20:00 **Come Together Meeting: Old Antibes Tour and Dinner**
Departure at the Le Meridien Hotel entrance at 8.00 p.m.



A unique therapy concept
The specialist in shockwave therapy

ShockMaster® offers a complete range of shockwave therapy devices (ESWT and RSWT with D-Actor® technology) including related products. This allows to propose the best solution for your practice.

ShockMaster®
Shockwave treatment
RSWT, F-SW and P-SW
with D-Actor® and
V-Actor® technology



C200
The perfect couch for
shockwave therapy



MP and Duolith series

Friday, June 6th

08:30 – 18:00 **Industrial Exhibition**

09:00 – 10:20 **Session 7: Miscellaneous**

Chairmen: A. Larking - V. Auersperg

- 09:00 – 09:07 Boris Garilevich, Anton Rotov (Russia)
The first experience of shock wave application in the treatment of chronic prostatitis [42]
- 09:07 – 09:14 Sara Messina, Paolo Buselli (Italy)
Evaluation of the therapeutic efficacy of shock wave treatment in patients affected by rhizoarthrosis [43]
- 09:14 – 09:21 Mustafa Hafez, Coombs R, Petrou M, Hanna M, Maher S, Asopa V and Ramsay J. (Great Britain)
Shockwave treatment for deep orthopaedic infections- an experimental model. [44]
- 09:21 – 09:28 Richard Coombs, Moustafa Hafez , Michael Petrou , Milad Hanna ,Maher Shah ,Vipen Asopa, Johnson Ramsay (Great Britain)
Shockwave treatment for aseptic loosening of prostheses [45]
- 09:28 – 09:35 Ulrich Piontkowski, Silvia Sommer (Germany)
Efficacy and research of extracorporeal shock wave therapy in the treatment of main postural muscles (Comparison of MET and ESWT) [46]
- 09:35 – 09:42 Ulrich Piontkowski, Silvia Sommer (Germany)
Combined EPAT/Focussed Shock Wave Therapy and Trigger Points in Sports Medicine [47]
- 09:42 – 09:49 Anna Michele Larking, Keith Andrews, Susan Hall (Great Britain)
Requirements for Research in ESWT Management of Spasticity [48]
- 09:49 – 09:56 Xavier Vidal, Antonio Morral, Anna Sanagustin, Anna Fornós (Spain)
Radial extracorporeal shock wave therapy (rESWT) in the treatment of spasticity in cerebral palsy: a preliminary report. [49]
- 09:56 – 10:20 Discussion

- 10:20 – 11:00 **Coffee break**
- 11:00 – 12:20 **Session 8: Experimental II**
Chairmen: C. J. Wang - H. Kuderna
- 11:00 – 11:07 Michael Wei Chang, Adrienne Oda, Thanaphum Osathanon, Cecilia Giachelli (USA)
Treatment of Heterotopic Ossifications Using Shock Waves: An In Vitro Study [50]
- 11:07 – 11:14 Roger Lyon, XC. Liu, M. Kubin, *V. Osipov, J. Schwab, and J. Sizensky (USA)
Effect of ESWL on Osteochondritis Dissecans of the Knee in a Rabbit Model [51]
- 11:14 – 11:21 Johannes Holfeld, Barbara Kapeller, Julia Dumfarth, Daniel Zimpfer, Reiner Schultheiss, Robert Goeschl, Udo Losert, Wolfgang Schaden, Michael Grimm, Karin Macfelda (Austria)
The importance of a standardized model for shock wave in-vitro trials - a proposal plus preliminary results of cardiac cells [52]
- 11:21 – 11:28 Biagio Moretti, Angela Notarnicola, Florenzo Iannone, Lorenzo Moretti, Vittorio Patella (Italy)
ESWT down regulates the pathologic mechanisms causing cartilage damage in osteoarthritis [53]
- 11:28 – 11:35 Biagio Moretti, Angela Notarnicola, Roberto Tamma, Alberta Zallone, Angelo Di Giovanni, Vittorio Patella (Italy)
Osteoblast repair action induced by ESWT [54]
- 11:35 – 11:42 Helmut Garrelt Neuland, Yvonne Delhasse, Hans-Jürgen Duchstein, Annette Schmidt, Wilhelm Bloch (Germany)
Focused Extracorporeal Shock Waves Influence Migration, Proliferation and Growth of Human Mesenchymal Stem Cells [55]
- 11:42 – 11:49 Yvonne Delhasse, Helmut Neuland, Caroline Steingen, Annette Schmidt, Wilhelm Bloch (Germany)
Comparative study between the effects and mode of application of focused and radial shock wave treatment on the behaviour of human mesenchymal stem cells (MSC) [56]
- 11:49 – 11:56 Tatjana J. Morton, Joachim Hartinger, Eva Tögel, Anja Peterbauer, Wolfgang Schaden, Martijn van Griensven (Austria)
Shockwave therapy on human fat-derived stem cells [57]
- 11:56 – 12:20 Discussion
- 12:30 – 14:00 **Lunch**
- 14:00 – 15:00 **Session 9: Experimental III**
Chairmen: L. Gerdesmeyer - L. Guiloff
- 14:00 – 14:07 Gerco Bosch, Marieke de Mos, Hans van Schie, Chris van de Lest, René van Weeren (Netherlands)
The effect of ESWT on matrix structure, tenocyte metabolism and gene expression in non-injured tendinous structures [58]
- 14:07 – 14:14 José Cárcamo, E. Clavijo, PhD; M. Campos-Valette, M. Brañes; L. Guiloff; H. Contreras; J. Brañes; R. Aroca (Chile)
Surface-Enhanced Raman Scattering (SERS) as a new tool for the study of Tendinopathic Human Rotator Cuff. [59]
- 14:14 – 14:21 Tao-Chen Lee, Ching-Jen Wang (Taiwan)
Biomechanical Testing of Spinal Fusion Segments Enhanced by Extracorporeal Shock Wave Treatment: A Rabbit Experiment. [60]
- 14:21 – 14:28 Johannes Mueller, Karin Macfelda (Austria)
Treatment of Heart Failure with Physical Methods [61]
- 14:28 – 14:35 Johannes Holfeld, Daniel Zimpfer, Julia Dumfarth, Seyedhossein Aharinejad, Raphael Rosenhek, Anita Thomas, Udo Losert, Margit Vögele Kadletz, Wolfgang Schaden, Ernst Wolner, Michael Grimm (Austria)
Epicardial Shock Wave Therapy Induces Neoangiogenesis and Improves Left Ventricular Function After Myocardial Infarction in Pigs in Vivo [62]

14:35 – 14:42 Daniel Zimpfer, Johannes Holfeld, Julia Dumfarth, Seyedhossein Aharinejad, Raphael Rosenhek, Anita Thomas, Udo Losert, Margit Vögele Kadletz, Wolfgang Schaden, Ernst Wolner, Michael Grimm (Austria)
Direct epicardial shock wave therapy improves left ventricular function in an experimental model of ischemic heart failure [63]

14:42 – 15:00 Discussion

15:00 – 15:40 **Session 10: Experimental IV**

Chairmen: C. J. Wang – R. Thiele

15:00 – 15:07 Rainer Mittermayr, J. Hartinger, M. Hofmann, F. Krammel, M. van Griensven, W. Schaden, H. Redl (Austria)
How many shockwaves are enough? Dose-response relationship in ischemic challenged tissue. [64]

15:07 – 15:14 Lukasz Krokowicz, Aleksandra Klimczak, Mariusz Mielniczuk, Christopher Grykien, Maria Siemionow (USA)
Pulsed Acoustic Cellular Technology Protecting Microcirculation due to Neovascularization and Wound Healing in Ischemic Muscle Flap Model [65]

15:14 – 15:21 Ludger Gerdesmeyer, Hans Gollwitzer, Rainer Mittermayr (Germany, Austria)
Radial extracorporeal shock wave therapy (rESWT) in wound healing – a prospective randomized Placebo-controlled animal trial [66]

15:21 – 15:28 Gabriel Halat, H. Redl, T. Hausner, S. Zandieh, R. Hopf, W. Schaden, R. Schmidhammer (Austria)
Shock wave Therapy in peripheral nerve repair: Investigation in a rat sciatic nerve repair model [67]

15:28 – 15:40 Discussion

15:40 – 15:50 **Welcome Note from Marita Eisenmann-Klein, MD**

**President of the German Society for Plastic, Reconstructive and Aesthetic Surgery,
General Secretary of the International Confederation for Plastic, Reconstructive and Aesthetic Surgery**

15:50 – 16:30 **Coffee break**

16:30 – 17:50 **Session 11: ESWT for Skin Lesions**

Chairmen: M.C. d'Agostino - W. Schaden

16:30 – 16:37 Ernesto Amelio, Claudio Guerra, Elisa Tinazzi, Elettra Marangoni, Claudio Lunardi (Italy)
Effects of extracorporeal shock waves on skin fibrosis and on biomarkers of patients with Progressive Systemic Sclerosis [68]

16:37 – 16:44 Anna Michele Larking, Keith Andrews, Mary Hardy (Great Britain)
ESWT in Chronic Decubitus Ulceration in Complex Neurological Disability [69]

16:44 – 16:51 Julia Dumfarth, Daniel Zimpfer, Johannes Holfeld, Florian Sihorsch, Wolfgang Schaden, Margit Voegele Kadletz, Ernst Wolner, Michael Grimm (Austria)
Shock wave therapy to improve wound healing after vein harvesting for CABG [70]

16:51 – 16:58 Rainer Mittermayr, Ch. Köpl, M. Pusch, W. Schaden (Austria)
Clinical Experience with ESWT in Sub Acute and Chronic Wounds [71]

16:58 – 17:05 Dieter Oscar Mayer, Devdas T. Inderbitzin, Zoran Rancic, Michele Genoni, Mario Lachat (Switzerland)
ESWT to improve the outcome of complex non-healing leg and foot ulcers [72]

17:05 – 17:12 Christian Ottomann, Sergej Marx, Richard Thiele, Bernd Hartmann (Germany)
Accelerated Healing of Ila-Burns Under the Influence of ESWT [73]

17:12 – 17:19 Biagio Moretti, Angela Notarnicola, Giulio Maggio, Silvio Patella, Paolo Foscarini, Vittorio Patella (Italy)
ESWT-induced healing of diabetic foot ulcers [74]

17:19 – 17:26 Ching-Jen Wang, Re-Wen Wu, Chi-Shiung Hsu, Yur-Ren Kuo, Rue-Tsuan Liu, Feng-Sheng Wang (Taiwan)
Blood flow perfusion and molecular response after ESWT in chronic skin ulcers [75]

17:26 – 17:50 Discussion

18:00 – 19:00

Closing ceremony

Message of the Scientific secretary

Closing Addresses:

Roland Hamisultane (Past-President of the ISMST)

Invitation to the 12th Congress of the ISMST June th – th, 2008 in Sorrento (Italy)

Sergio Russo (Incoming ISMST President)

20:00

Dîner Dansant

La Siesta Night Club

Departure with busses at the
Le Meridien Hotel entrance at 8.00 p.m.

Saturday, June 7th

09:00 –12:30 **Extracorporeal shockwave treatment workshops**

- Basics of shockwave treatment.
- Established indications.
- What tells the industry?
- Trigger point shockwave therapy.
- New trends and future aspects.

A) **Focus on conventional shockwave treatment and trigger point shockwave therapy**

Moderation: M. Buch, M. Gleitz

Lecture hall: “Antibes”

B) **Focus on ultrasound and shockwave treatment**

Moderation: R. Hamisultane

Lecture hall: “Juan”

Hands on with devices of different companies is planned.

Onsite registration is necessary.

Participation fee per participant: €50,00

12:30 – 14:30 **Lunch**

14:30 – 17:30 **SFOCAL / DIGEST / SITOD meetings**

break and exhibition hall

Lecture hall: “Antibes”

»Competence in Shock Wave«

STORZ MEDICAL

Focused Radial

Planar NEW: Vibration therapy

DUOLITH® SD1
The versatile »high end« shock wave system

MORE INFORMATION:
STORZ MEDICAL AG - LOHSTAMPFESTRASSE 8 - CH-8274 TÄGERWILEN
TEL. +41 (0)71 677 45 45 - FAX +41 (0)71 677 45 05
MAIL@STORZMEDICAL.COM - WWW.STORZMEDICAL.COM

ESWT unlimited



SFOCAL – GRECHO

Société Française pour les Ondes de Choc sur l'Appareil Locomoteur

Moderation: R. Hamisultane

14:30 – 17:30 Lecture hall: "Juan"

Echographie interventionnelle

J.M. Cournelle, E. Gibert

Avec le groupe septimus et G.E

- 1) **Repérage de l'aiguille sous échographie**
Cournelle
- 2) **Infiltration aponévrosale plantaire**
Hamisultane
- 3) **Infiltration de la hanche**
Gibert
- 4) **Infiltration de la bourse sous acromio deltoïdienne**
Hamisultane
- 5) **Infiltration tendinite de de quervain et doigt à ressaut**
- 6) **Ondes de choc : alternative aux infiltrations?**



S.I.T.O.D. SOCIETÀ ITALIANA TERAPIA CON ONDE D'URTO

SITOD “20 anni di onde d’urto: Evoluzione delle applicazioni cliniche e sperimentali”

Moderazione: MC D’Agostino

14:30 – 17:30 Lecture hall: "Lerins"

1. **Onde d’Urto nel trattamento delle pseudoartrosi.**
B. Moretti, A. Notarnicola, M. Maiorano, L. Paolillo, V. Patella (Bari)
2. **Sindromi infiammatorie dell’arto superiore: indicazioni, protocolli e analisi metacritica.**
U. Russo, C. Servodio Iammarrone, G. Busco, A. Petteruti, A. Soldati, S. Russo (Napoli)
3. **Ritardi di consolidazione: indicazioni, protocolli e analisi metacritica.**
E. Astarita, C. Servodio Iammarrone, V. Scarpato, G. Busco, A. Soldati, S. Russo (Napoli)
4. **Fratture da stress trattate con Onde d’Urto.**
B. Moretti, A. Notarnicola, L. Moretti, S. Patella, V. Patella (Bari)
5. **Effetti delle Onde d’Urto su differenti linee cellulari mesenchimali.**
L. Berta et al. (Torino)
6. **Onde d’Urto defocalizzate nella riparazione di tessuti di rivestimento.**
R. Saggini (Chieti)
7. **Spasticità e Onde d’Urto.**
C. Servodio Iammarrone, V. Scarpato, A. Petteruti, G. Busco, A. Soldati (Napoli)
8. **Onde d’Urto ad alta energia per la terapia sonodinamica: efficacia in un modello singenico di carcinoma del colon.**
R. Frairia et al. (Torino)



DIGEST-Treffen

Moderation: J.-D. Rompe

14:30 – 17:30 Lecture hall: "Le Cap"

1. **15 Jahre ESWT: Was wissen wir? Was können wir erwarten und tun?**
U. Dreisilker
2. **10 Jahres Ergebnisse der Behandlung der Tendinosis calcarea mit hochenergetischer ESWT (elektro-hydraulisch)**
R. Rädcl, J. Wertenbruch, U. Dreisilker, G. Kievernagel, G. Schramm (Herne)
3. **Die Therapie myofaszialer Triggerpunkte mittels fokussierter ESWT beim Schulterschmerz im Sport. Ergebnisse einer RCT-Studie an 60 Patienten unter Berücksichtigung der Veränderung des Schmerzes und der statischen und dynamischen Kraftfähigkeit nach Behandlung**
H. Müller-Ehrenberg, L. Thorwesten, M. Pottebaum, H. Epping, L. Gries, K. Völker (Münster)
4. **Die piezoelektrische ESWT am Bewegungsapparat. Mittelfristige Ergebnisse der myofaszialen Triggerpunkttherapie.**
S. Menkens, A. Betthäuser (Ort)
5. **Beschleunigte Wundheilung 2.-gradiger Verbrennungen durch ESWT**
S. Marx, R. Thiele, B. Hartmann, C. Ottomann
6. **Innovation und Zukunft der ESWT**
W. Schaden, R. Thiele



- ActiVitor™ and DermaGold™ offer:**
- New therapy for skin lesions
 - Comfortable hand held applicators, focused and soft-focused
 - Electrohydraulic shock wave source with high efficacy
 - Low operating costs
 - Stimulates healing of musculoskeletal disorders and skin healing
 - Exchangeable applicators, always the right system for your specific need



Anesthesia-free

ActiVitor™ and DermaGold™ employ innovative applicators that emit unique soft focused shock waves over a broad surface. This significantly reduces the pain associated with shock wave treatment and eliminates the need for anesthesia for even better results.



USA • TRT Tissue Regeneration Technologies, LLC
www.trtlc.com • Ph: +1 770 966 1315 • info@trtlc.com

Europe • MTS Europe GmbH
www.mts-medical.com • Ph: +49 7531 36185 0 • info@mts-medical.com

ANTIBES-JUAN LES PINS

ISMST



International Society for Medical Shockwave Treatment

Sponsored by:

EMS Electro Medical Systems

GHS Medical

GymnaUniphy N.V.

Medispec Ltd.

MTS Europe GmbH

Richard Wolf GmbH

Storz Medical AG

SwiTech Medical AG