The Meniscus

31 January > 2 February 2019
Royal Hotel Carlton

Congress Chairman: Stefano Zaffagnini

The Organizing Committee:
Philippe Beaufils (Versailles)
Aad D'hollander (Brasschaat)
Alberto Grassi (Bologna)
Nicolas Pujol (Versailles)
Cecilia Signorelli (Bologna)
Cécile Toanen (Versailles)
Peter Verdonk (Antwerpen)
Rene Verdonk (Ghent)
Stefano Zaffagnini (Bologna)

PROGRAMME
www.the-meniscus.org
Treatment of Meniscus and Knee Ligaments – The Santy Way

International Meniscus Meeting
January 31 - February 2, 2019  |  Bologna  |  IT

Come join our industrial session and get updated on the latest techniques and products for your meniscus and ligament repairs!

February 1, 2019  |  12:15 - 12:45
Plenary Room  |  Royal Hotel Carlton

Faculty:
- Dr. Bertrand Sonnery-Cottet
- Dr. Mathieu Thaunat

Come visit us at booth n°15

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Dear Participants,

Since 2010, we have been organising an International Meniscus Meeting every three years. The first three editions in Ghent, Versailles and Porto were a great success. The fourth edition will take place in Bologna, Italy, from January 31 to February 2, 2019: “The meniscus 4". Professor Stefano ZAFFAGNINI, our prestigious local host, will chair the meeting.

We are confident that this congress would offer the perfect platform for orthopaedic surgeons and researchers. We will exchange professional scientific knowledge and valuable clinical experiences around meniscus and cartilage. A lot of experts, coming from Korea (a very “famous Meniscus country”), USA, Australia, Japan and Europe will be present during these three days, and will cover anatomy, biomechanics, biology, diagnosis, outcomes, indications, economic issues, future trends.

We really look forward to meeting you in Bologna and sharing outstanding time in this very beautiful Italian city.

Best Regards

The Organizing Committee
Philippe Beaufils (Versailles)
Aad Dhollander (Brasschaat)
Alberto Grassi (Bologna)
Nicolas Pujol (Versailles)
Cecilia Signorelli (Bologna)
Cécile Toanen (Versailles)
Peter Verdonk (Antwerpen)
Rene Verdonk (Ghent)
Stefano Zaffagnini (Bologna)
TRUESPAN™ Meniscal Repair System

January 31st 12:30-13:00

Don’t miss the opportunity to join us for our symposium:
Challenging cases treated with our all-inside device: TRUESPAN™

Prof S Zaffagnini
Sports Traumatology Excellence Centre Coordinator,
Istituti Ortopedici Rizzoli, Bologna (IT)

Prof J Menetrey
Centre for Sports Medicine and Exercise, Clinique La Colline, University Hospital of Geneva (CH)

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### 4th International Meeting
**Meniscus**

**Boholona**
31 January to 2 February
Royal Hotel Carlton

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**FACULTY LIST**

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<td>Fredrick ALMQVIST</td>
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<td>Andrew AMIS</td>
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<td>Stefano ZAFFAGNINI</td>
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- Guest Presentations
- Round Tables
- Video Flash
- Case Presentations
- Interactive Discussions, mini battle
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<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Speakers</th>
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<tr>
<td>07:45-08:20</td>
<td>WELCOME - BADGES - REGISTRATION</td>
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<tr>
<td>08:20-08:30</td>
<td>WELCOME ADDRESS</td>
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<tr>
<td>08:30-10:35</td>
<td>MENISCECTOMY VERSUS REPAIR</td>
<td>Moderators: R. Verdonk (Belgium), M. Razi (Iran, Islamic Republic)</td>
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<td>08:30</td>
<td>Rehabilitation after Meniscectomy and Meniscus Repair</td>
<td>S. Della Villa (Italy)</td>
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<td>08:40</td>
<td>Functionnal outcomes: Meniscectomy and Meniscus Repair</td>
<td>R. Becker (Germany)</td>
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<td>08:50</td>
<td>Return to sports after Meniscectomy and Meniscus Repair</td>
<td>A. Grassi (Italy)</td>
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<td>09:00</td>
<td>MINI BATTLE Repair versus Meniscectomy in competitive athletes</td>
<td>Chair: A. Grassi (Italy)</td>
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<td>09:20</td>
<td>Objective assesment: long term results of repair: X rays, MRI (extrusion, signal of the meniscus...)</td>
<td>C. Toanen (France)</td>
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<td>09:30</td>
<td>Discussion</td>
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<td>09:45</td>
<td>Complications of Meniscectomy and Meniscus Repair</td>
<td>J. Menetrey (Switzerland)</td>
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<td>09:55</td>
<td>Repair: cause and management of failure</td>
<td>P. Beaufils (France)</td>
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<td>10:05</td>
<td>GUEST LECTURE Augmentation to repair</td>
<td>L. De Girolamo (Italy)</td>
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<td>10:20</td>
<td>Future technologies: gene therapy in meniscus repair</td>
<td>M. Cucchiarini (Germany)</td>
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<tr>
<td>10:30-11:00</td>
<td>COFFEE BREAK AND VISIT OF THE EXHIBITION</td>
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<tr>
<td>11:00-12:30</td>
<td>MENISCUS AND ACL</td>
<td>Moderators: A. Amis (UK), S.H. Lee (Korea)</td>
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<tr>
<td>11:00</td>
<td>ROUND TABLE Meniscus and Tibial rotation in ACL deficiency: biomechanics and clinical tests.</td>
<td>A. Amis (United Kingdom), R. Seil (Luxembourg)</td>
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<td>11:20</td>
<td>VIDEO FLASH Ramp lesions: the posterior transseptal approach.</td>
<td>S. H. Lee (Korea)</td>
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<td>11:25</td>
<td>VIDEO FLASH Ramp lesions: the different hook suture techniques.</td>
<td>B. Sonnery-Cottet (France)</td>
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<td>11:30</td>
<td>Ramp lesions: do we need to repair all the medial ramp lesions?</td>
<td>P. Colombet (France)</td>
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<td>11:40</td>
<td>Is there still a place for medial meniscectomy in ACL reconstruction?</td>
<td>A. Dhollander (Belgium)</td>
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<td>11:50</td>
<td>Discussion</td>
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<td>12:00</td>
<td>The locked knee in ACL deficiency: meniscectomy? repair? when?</td>
<td>C. Hulet (France)</td>
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<tr>
<td>12:10</td>
<td>ROUND TABLE The Post meniscectomized knee in ACL deficiency: ACL reconstruction and osteotomy? Isolated Osteotomy? ACL reconstruction and meniscal reconstruction?</td>
<td>N. Graveleau (France), S. Zaffagnini (Italy)</td>
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<td>12:30-13:00</td>
<td>INDUSTRIAL SESSION: JOHNSON &amp; JOHNSON MEDICAL DEVICES COMPANIES</td>
<td>Challenging cases treated with the all inside device: TRUESPAN</td>
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<td>13:00-13:45</td>
<td>LUNCH BREAK AND VISIT OF THE EXHIBITION</td>
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<td>13:45-14:15</td>
<td>INDUSTRIAL SESSION: STRYKER</td>
<td>Options for Meniscal Preservation</td>
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<td>Speakers: D. Holsten, N. Pujol (France), S. Zaffagnini (Italy)</td>
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</table>
14:15-14:50  **MENISCUS: IMAGING**  
**Moderators:** J.G. Kim *(Korea)*, B. Klos *(The Netherlands)*  
14:15  • **GUEST LECTURE** Ultrasound. B. Klos *(The Netherlands)*  
14:30  • Bone morphotype and post meniscectomy syndrome. A. Van Haver *(Belgium)*  
14:40  • Discussion.  

14:50-15:45  **SPECIAL FOCUS: CHILD**  
**Moderators:** J.G. Kim *(Korea)*, B. Klos *(The Netherlands)*  
14:50  • **GUEST LECTURE** Discoïd Meniscus: Classification and technique. S.H. Lee *(Korea)*  
15:05  • Discoïd Meniscus: Long-term outcomes. S.I. Bin *(Korea)*  
15:15  • Hypermobile meniscus: Anatomy of the popliteus hiatus. R. Smigielski *(Poland)*  
15:35  • Meniscus and ACL: Modern management. R. Seil *(Luxembourg)*

15:45-16:05  **SPECIAL FOCUS: HORIZONTAL CLEAVAGE**  
**Moderators:** J.G. Kim *(Korea)*, B. Klos *(The Netherlands)*  
15:45  • Arthroscopic repair of horizontal cleavage. C. Toanen *(France)*  
15:55  • Long term results of horizontal cleavage repair in young adults. N. Pujol *(France)*

16:05-16:30  **COFFEE BREAK AND VISIT OF THE EXHIBITION**

16:30-18:20  **RADIAL AND ROOT TEARS**  
**Moderators:** T. Spalding *(United Kingdom)*, R. Seil *(Luxembourg)*  
16:30  • Extrusion: Biomechanics: what does it mean? A. Espejo Baena *(Spain)*  
16:40  • Extrusion: a bad prognostic factor? P. Beaufils *(France)*  
16:50  • **VIDEO FLASH** Radial tears: different techniques. T. Spalding *(United Kingdom)*  
16:55  • Anatomy of the roots and technical relevance. R. Smigielski *(Poland)*  
17:05  • Intermeniscal ligament: Biomechanics. M. Ollivier *(France)*  
17:15  • **GUEST LECTURE** Root tears: the real definition. Traumatic vs degenerative-Root avulsion vs last centimeter. J.G. Kim *(Korea)*  
17:30  • Is there any anterior root pathology? B. Klos *(Netherland)*  
17:40  • **VIDEO FLASH** Roots tears: Trans tibial Pull out technique. N. Graveleau *(France)*  
17:45  • **VIDEO FLASH** Root tears: Treatment with meniscal centralization. H. Koga *(Japan)*  
17:50  • **VIDEO FLASH** Roots tears: Augmented trans tibial repair. J.G. Kim *(Korea)*  
17:55  • Root tears. Outcomes of repair: traumatic vs degenerative. S. Kopf *(Germany)*  
18:05  • **CASE PRESENTATION** Non-operative vs Meniscectomy vs Repair. Chair: N. Pujol *(France)*  
R. Becker *(Germany)*, V. Condello *(Italy)* J.G. Kim *(Korea)*

18:25-18:50  **THE ESSKA CONSENSUS**  
**Moderators:** R. Becker *(Germany)*, S. Kopf *(Germany)*  
18:25  • Do we need a consensus? What does it mean? P. Beaufils *(France)*  
18:30  • Degenerative meniscal lesions. R. Verdonk *(Belgium)*  
18:40  • Traumatics tears. S. Kopf *(Germany)*

19:00  **WELCOME COCKTAIL - PLUTONE ROOM**
**Friday 1 February**

### INDUSTRIAL SESSION: GEISTLICH

**07:45-08:15**

- **Membrane Induced Meniscus Regeneration with Chondro-Gide®.**
  - A novel technique to save the meniscus
  - **Speaker:** T. Piontek (*Poland*)

### MENISCUS RECONSTRUCTION: ALLOGRAFT

**08:15-10:15**

**Moderators:** S.I. Bin (*Korea*), J.C. Monllau (*Spain*)

- **08:15**
  - How to prepare the meniscus transplant? **D. Dallari (Italy)**
- **08:25**
  - **VIDEO FLASH** Meniscus allograft. Technique: the bone plug. **J.C. Monllau (Spain)**
- **08:30**
  - **VIDEO FLASH** Meniscus allograft. Technique: the key hole. **S.I. Bin (Korea)**
- **08:35**
  - **VIDEO FLASH** Meniscus allograft. Technique: the soft tissue technique. **S. Zaffagnini (Italy)**
- **08:40**
  - Arthroscopic Bimeniscal allograft transplantation. **N. Pujol (France)**
- **08:50**
  - New ways to avoid extrusion: technical tips and tricks. **J.C. Monllau (Spain)**
- **09:00**
  - Short and long term functional outcomes (return to sports). **P. Verdonk (Belgium)**
- **09:10**
  - **GUEST LECTURE** IMREF and ESSKA Consensus: Guidelines. Allograft Initiative. **T. Spalding (United Kingdom), P. Verdonk (Belgium)**
- **09:25**
  - Discussion.
- **09:40**
  - **GUEST LECTURE** What should be improved: Patient? Technique? The graft itself? **S.I. Bin (Korea)**
- **09:55**
  - **CASE PRESENTATION** Osteotomy? Allograft? Non operative treatment? **Chair:** F. Almqvist (*Belgium*)
  - **S.I. Bin (Korea), V. Condello (Italy), J.C. Monllau (Spain)**

### COFFEE BREAK AND VISIT OF THE EXHIBITION

**10:15-10:45**

### MENISCUS RECONSTRUCTION: SCAFFOLD

**Moderators:** P. Myers (*Australia*), J. H. Wang (*Korea*)

- **10:45**
  - Where are we? Scaffolds available on the market / Experimental studies. **T. Spalding (United Kingdom)**
- **10:55**
  - Menaflex: mid and long term results. **S. Zaffagnini (Italy)**
- **11:05**
  - Menaflex: comparison with meniscectomy: Strengths and limits. **G. Marchegiani (Italy)**
- **11:15**
  - Actifit: mid term results. **C. Toanen (France), A. Dhollander (Belgium) and the European Actifit team**
- **11:25**
  - Nu Surface: where are we? **V. Condello (Italy)**
- **11:35**
  - The future: Scaffold or prosthesis? **T.G. Van Tienen (The Netherlands)**
- **11:45**
  - The future: Bioprinted Meniscus. **G. Peretti (Italy)**
- **11:55**
  - **ROUND TABLE** Respective indications for scaffold and allograft? **Chair:** P. Myers (*Australia*)
  - **A. Dhollander (Belgium), N. Pujol (France), S. Zaffagnini (Italy)**

### INDUSTRIAL SESSION: ARTHREX

**12:15-12:45**

- Treatment of Meniscus and knee ligaments - The Santy way
  - **Speakers:** B. Sonnery-Cottet (*France*), M. Thaunat (*France*)

### LUNCH BREAK AND VISIT OF THE EXHIBITION

**12:45-13:30**
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<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers/Sponsors</th>
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</table>
| 13:30-14:00| **INDUSTRIAL SESSION: SMITH & NEPHEW**  
Advanced techniques in meniscal repair | Smith & Nephew                                                                     |
|            | **Speakers:** S. Kopf *(Germany)*, N. Pujol *(France)*, S. Zaffagnini *(Italy)* |                                                                                  |
| 14:00-14:30| **INDUSTRIAL SESSION: ZIMMER BIOMET**  
Latest Development in Meniscus Preservation | Zimmer Biomet                                                                     |
|            | **Speakers:** K.W. Lawhorn *(USA)*                                       |                                                                                  |
| 14:30-15:00| **CARTILAGE: BASIC SCIENCE**  
**Moderators:** H. Madry *(Germany)*, L. Sandell *(USA)* |                                                                                  |
|            | • **GUEST LECTURE** Genetics in cartilage. L. Sandell *(USA)*            |                                                                                  |
|            | • **GUEST LECTURE** Focal chondral lesions. H. Madry *(Germany)*        |                                                                                  |
| 15:00-16:40| **THE POST MENISCECTOMY ARTHRITIC KNEE**  
**Moderators:** H. Madry *(Germany)*, L. Sandell *(USA)* |                                                                                  |
|            | • Rapid chondrolysis: Spontaneous, after meniscectomy, after meniscus repair. M. Thaunat *(France)* |                                                                                  |
|            | • Chondral degeneration: The non operative treatment: survival curve. H. Madry *(Germany)* |                                                                                  |
|            | • Chondral degeneration treatment: Is there any EBM? Hyaluronic acid, PRP, Glucosamin, stemm cells, etc… G. Filardo *(Italy)* |                                                                                  |
|            | • Discussion.                                                           |                                                                                  |
|            | • **GUEST LECTURE** Osteotomy: Current indications and the specificity of valgus knee. D. Dejour *(France)* |                                                                                  |
|            | • Osteotomy: Do we need an associated arthroscopic procedure? J.G. Kim *(Korea)* |                                                                                  |
|            | • Return to sports after osteotomy. Do we fullfill patients expectations? J. Menetrey *(Switzerland)* |                                                                                  |
|            | • Discussion.                                                           |                                                                                  |
| 16:40-17:10| **COFFEE BREAK AND VISIT OF THE EXHIBITION**                            |                                                                                  |
| 17:10-18:30| **CARTILAGE**  
**Moderators:** D. Dejour *(France)*, E. Kon *(Italy)* |                                                                                  |
|            | • Can we leave a lesion untreated? What are the limits? J. Menetrey *(Switzerland)* |                                                                                  |
|            | • Is there still a place for chondrocyte transplantation? A. Dhollander *(Belgium)* |                                                                                  |
|            | • Mosaicplasty: Trochlea, patella C. Toanen *(France)*                  |                                                                                  |
|            | • Membranes: What is available yet? How does it work? Mid term results? A. Di Martino *(Italy)* |                                                                                  |
|            | • Discussion.                                                           |                                                                                  |
|            | • Health Economics meniscus reconstruction and cartilage. P. Verdonk *(Belgium)*, T. Spalding *(United Kingdom)* |                                                                                  |
|            | • **ROUND TABLE** Cartilage Lesions: Is a synthesis possible? In ACL reconstruction? In stable knee? Chair: S. Zaffagnini *(Italy)* - N. Pujol *(France)*, E. Kon *(Italy)* |                                                                                  |
| 21:00      | **CONGRESS DINNER - I Portici Hotel’s Restaurant**                      |                                                                                  |
A stronger anchor with a softer touch

Introducing the **JuggerStitch™** All-suture, Knotless Meniscal Repair Device

- Ergonomic delivery design that allows for **quick and simple** implant deployment
- The low profile **taper tip needle** intended to minimize cutting the meniscal tissue during insertion
- The **all suture knotless implant** is designed to allow for controlled tensioning while eliminating rigid plastic anchors and hard meniscal surface knots

For more information, ask your Zimmer Biomet representative or visit us at **Booth #19**.

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2. Compared to current hard PEEK implants.

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CONCURRENT SESSIONS

09:00-11:00 • CASE PRESENTATION - RELIVE SURGERIES

**IMPERIAL ROOM**

*Moderators: N. Pujol (France), P. Verdonk (Belgium)*

- Complex tears and complex repair techniques. J. H. Wang (Korea)
- The Iranian Experience: Complete radial or truncated lateral meniscus. M. Razi (Iran)
- The Iranian Experience: Simultaneous lateral meniscus root and Ramp tears. S. Keyhani (Iran)
- Intrasubstance meniscus tears in adolescent patients: case presentation. P. Myers (Australia)
- Cartilage defect. A. Di Martino (Italy)

09:00-11:00 • BASIC SCIENCE SESSION

**GIOVE ROOM**

*Moderators: G. Filardo (Italy), S. Zaffagnini (Italy)*

- Meniscus evolution: phylogeny and ontogeny. C. Hulet (France)
- Anatomy and Vascularisation. R. Smigielski (Poland)
- Neural structures within human meniscus and meniscofemoral ligaments. A. Amis (UK)
- Biomechanics of the meniscus. A. Amis (UK)
- Physiopathology of the meniscal lesions. P. Verdonk (Belgium)
- Injured meniscus and distinct phenotypes of meniscus degeneration. L. Sandell (USA)
- Impact of three preservation methods (freezing, cryopreservation, freezing + irradiation). M. Ollivier (France)

09:00 09:10 09:20 09:30 09:40 09:50 10:00 10:10 10:20 10:30 10:40 10:50
- Fresh frozen versus viable MAT: a short term comparing follow up study. R. Verdonk (Belgium)
- Enhancement of healing process: from growth factors to mesenchymal cells. L. De Girolamo (Italy)
- Collagen wrapping of the meniscus. T. Piontek (Poland)
- Meniscus 3D printing. H. Pereira (Portugal)
- Meniscus 3D printing: the korean point of view. J. H. Wang (Korea)

11:00-11:45 BRUNCH AND VISIT OF THE EXHIBITION

11:45-13:30 VISIT OF THE SCIENTIFIC LIBRARY - RIZZOLI ORTHOPAEDIC INSTITUTE

Free entrance, upon registration.
A local transportation will be organized as follow:

11:45 - Departure form the Royal Carlton hotel
13:30 - Return to Royal Carlton Hotel
31 January – 2 February 2019
The Meniscus International meeting
Visit us at Booth #17

Don’t miss our industrial session on
Advanced Techniques in Meniscal Repair
1st February 13.30 – 14.00 | Plenary Room
Bologna, Italy at the Royal Hotel Carlton

Faculty includes:
S. Kopf (Germany)
N. Pujol (France)
S. Zaffagnini (Italy)
VENUE & GENERAL INFO

NETWORKING EVENTS

WELCOME COCKTAIL - PLUTONE ROOM
All participants invited
Thursday 31st January - 19:00

CONGRESS DINNER
Friday 1st February - 21:00
Congress Dinner at I Portici Hotel’s Restaurant
Via dell’Indipendenza 69 - Bologna
Upon registration - Very close walking distance from the Congress venue (5 min) - Meet in the Royal Carlton’ lobby at 20h45

VISIT OF THE SCIENTIFIC LIBRARY OF RIZZOLI ORTHOPAEDIC INSTITUTE.
Saturday 2nd February - 11:45 / 13:30
Upon registration

VENUE

ROYAL HOTEL CARLTON AND CONGRESSES
Via Montebello, 8
40121 Bologne - Italia
Phone: +39 051 249 361

ACCESS
The Royal Hotel Carlton is located in the center of Bologna, close to the pedestrian area, outside the restricted traffic area and a few steps from the train station and Piazza Maggiore.
To reach the hotel using satellite navigation, it is expected that Via Milazzo 6 avoids the restricted traffic area.
The hotel is just 5 km from G. Marconi Airport.
The free shuttle to the exhibition center is only available during Cosmoprof, Fiera del Libro, Autopromotec, Cersaie and Eima.

ORGANISATION : MCO CONGRES

Villa Gaby - 285 Corniche Kennedy
13007 MARSEILLE - FRANCE
Phone: + 33 (0)4 95 09 38 00 - Fax: + 33 (0)4 95 09 38 01

Registration / Accommodation / Faculty
Viviane BARBARISI – viviane.barbarisi@mcocongres.com

Partners / Logistics
Fabrice GUEZ – fabrice.guez@mcocongres.com
Registration and Abstract Submission is now open!
Discounted registration fees for ESSKA members

For more information visit esska-specialitydays.org

ESSKA - European Shoulder Associates
MASSIVE ROTATOR CUFF TEARS

**HIGHLIGHT SPEAKERS**
- Emilio Calvo
  SPAIN
- Andreas Imhoff
  GERMANY
- Giuseppe Milano
  ITALY
- Boris Poberaj
  SLOVENIA
- Bruno Toussaint
  FRANCE

**PROGRAMME HIGHLIGHTS**
- Massive Rotator Cuff Tears: latest insights and evidences
- Re-live surgeries: just the juicy part of it, no waste of time
- Case discussions: practical daily life situations with interactivity
- Scientific Sessions: abstract submission open for everyone!

ESMA - European Sports Medicine Associates
SPORTS INJURIES. NEW CONCEPTS!

**HIGHLIGHT SPEAKERS**
- Luis Figo
  PORTUGAL
- Michel D’Hooghe
  BELGIUM
- Henrique Jones
  PORTUGAL
- Tim Meyer
  GERMANY
- Jordi Puigdellivol
  SPAIN

**PROGRAMME HIGHLIGHTS**
- Performing arts and specific injuries
- Athlete Injuries
- Recover and improve performance devises
- Myth or reality?
- Muscle Injuries

EKA - European Knee Associates
CURRENT CONCEPTS FOR THE DEGENERATIVE KNEE - ALIGNMENT

**HIGHLIGHT SPEAKERS**
- Matt Dawson
  UNITED KINGDOM
- Enrique Gomez Barrena
  SPAIN
- Pedro Hinarejos
  SPAIN
- Michael T. Hirschmann
  SWITZERLAND
- Nanne Kort
  THE NETHERLANDS

**PROGRAMME HIGHLIGHTS**
- Which alignment should we achieve depending in medial compartment OA?
- What is a normal alignment - real impact of the knee phenotype concept?
- How can robotics make a perfect alignment possible?

AFAS - Ankle & Foot Associates
FROM TRAUMA TO ARTHRITIS – WHERE DO

**HIGHLIGHT SPEAKERS**
- James Calder
  UNITED KINGDOM
- Daniel Haverkamp
  THE NETHERLANDS
- Hélder Pereira
  PORTUGAL
- Lew Schon
  UNITED STATES
- Alastair Younger
  CANADA

**PROGRAMME HIGHLIGHTS**
- Syndesmosis Injuries
- Optimal treatment of end stage arthritis in the young and active population
- Biologics
- ICCRA consensus on treatment of paediatric talar OCL
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ORGANISATION

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