ICSJS 2015

1st International Conference on Sacroiliac Joint Surgery

Sept. 18th - 19th 2015
Hamburg/Germany

FINAL PROGRAM
Conference language: ENGLISH
Imagine your patients waking up every day, doing the things they love, or want or need to do without unbearable pain.

Surgeon Inspired.
Imagine a spine surgeon who suffered from the same pain after collegiate sports injuries leading to a keen appreciation for the associated disabilities and inspiring the motivation to develop treatment solutions.

Superior Innovation.
Imagine decades of research and diverse surgical experience treating dysfunctional Sacroiliac Joints enhancing the advancement of diagnostic and treatment solutions.

Realization.
Imagine SI-DESIS®, a minimally invasive, innovative system designed to stabilize and fuse a painful Sacroiliac Joint.
- Specifically designed instruments to directly prepare the joint space in order to obtain a true arthrodesis
- An intraarticular, interference-fit implant with stabilizing keels and a large bone graft window designed to fit in the plane of the Sacroiliac Joint
- Allows for safe placement of transfixing Sacroiliac screws via an alignment guide
- Utilizes an access system to protect adjacent tissues during the procedure
A key element of the method utilizes an anatomic pathway which minimizes the chances of damaging soft tissue or critical neurovascular structures especially in comparison to traditional techniques.

Not CE-marked. Not Available for Sale.
We are proud to welcome you to the 1st International Conference on Sacroiliac Joint Surgical Treatment at the Dorint Hotel in the beautiful city of Hamburg. The SIJ topic is still underrepresented in the established medical orthopedic and spine societies. Far from being a single minded industrial meeting, the concept of our conference will focus on ‘round table’ discussions opened by key lectures of internationally acknowledged experts.

A prognosis expects even a case ratio of up to 20% of all spinal surgeries within the next 5 years – numbers which do not correspond at all to our experience! Diagnosis, pathological variations, sensitive neurovascular structures, pain generators are areas to be explored, surgical hypes must be routed into healing.

After 6 years of surgical experience it became clear to the founding members of our association that different patients need differential diagnosis and treatment. Therefore all current techniques including non-surgical treatment must be discussed open minded beyond any commercial conflict of interest. To avoid failed diagnosis, failed treatment and last not least failed investments it should be a priority for all serious active SIJ players to participate in this CME rewarded conference.

Our new association struggled very hard to get this conference done, which - inspite of a low budget - offers a high level discussion.

I express my thanks to all the experts who present their talks, setting aside a demand for full travel compensation or fees. Although being aware of the critical attitude of the meeting towards too early and too many surgeries and the demand for clinical evidence, the companies who support the conference deserve a special thanks for their cooperation - without this it would not have happened.

The venue offers the advantage of very close distance to the airport and train station. No need to mention the well known touristic attractions of this metropole city of Hamburg.

We are sure that you will enjoy your time in Hamburg!

Dr. med. Volker Fuchs
President SIMEG e.V.

The Conference is awarded with 18 CME credits by the Medical Association (Ärztekammer) Hamburg
FRIDAY, SEPT. 18TH

08:30 h - Registration (also on Thursday 17:30 - 19:00 h)

09:00 h – Session 1

1. Success and failure of SIJ arthrodesis – Lessons from history regarding surgical approach to address the mechanics and forces of the painful SIJ (Stark)
   Erfolge und Misserfolge der SIG-Arthrodese – Lektionen der Vergangenheit
   
2. National/international register of SIJ fusion – a challenge for physicians and the medical device industry! (Sobottke)
   Nationales/internationales SIG-Fusionsregister – eine Herausforderung für Ärzte und Industrie!

3. Update on anatomy and histology of the SIJ – what do we really know? (Egund)
   Update Anatomie und Histologie SIG – was wissen wir wirklich?

10:30 h - 11:00 h Coffee Break

4. Innervation of the SIJ – are we sure it’s mainly from dorsal? (Neuhuber)
   Innervation des SIG – wirklich hauptsächlich dorsal?

5. SIJ biomechanics – which studies are the most reliable ones (cadaver vs. in vivo vs. finite element models) - or are we all too different? (Böhme)
   Biomechanik SIG – welchen Studien können wir mehr vertrauen (Kadaver vs. in vivo vs. finite Elemente Modell) - oder sind wir alle zu verschieden?

6. Diagnostic imaging: X-ray, MRI, CT, Scintigraphy, SPECT-CT – What’s the adequate individual choice? (Koga)
   Bildgebende Diagnostik – Röntgen, MRT, CT, Szintigrafie, SPECT-CT – was hilft uns wann weiter?

12:30 h - Lunch-Workshops

Industrial sponsors present the latest SIJ-medical devices, clinical data and hands-on tutorial

14:00 h - Session 2

7. SIJ Arthritis – an obliged group of patients to receive arthrodesis, even at times of biologicals? (Sieper)
   SIG- Arthritis – ein dankbares Patientengut für eine Arthrodese selbst zu Zeiten von Biologicals?

8. Surgery or not? - How to clinically examine the SIJ? (Stuge)
   OP ja oder nein! Welcher klinische Test gibt Antwort?

9. Which SIJ injection is better to diagnose most SIJ-related pain correctly, intra-articular or peri-articular? What response do we require? (Kurosawa)
   Welche SIG-Injektion eignet sich besser zur Diagnose des SIG-Schmerzes: intra- oder peri-artikulär? Welche Aussage fordern wir?

15:30 - 16:00 h Coffee Break

10. Denervation – but do it right! (Roberts)
   Denervieren – aber richtig!

11. SIJ braces – what’s the philosophy and do they really help? (Harms)
   SIG-Orthesen was steckt dahinter und helfen sie wirklich?

17:00 h - Round-table:

12. Diagnostic algorithm for SIJ pathologies: can we establish a gold standard or shall we just continue to try what we are used to? (Fuchs, All)
   Der Diagnose Algorithmus für SIG-Pathologien – wie könnte er aussehen – oder wollen wir alle so weiter machen wie bisher?

19:00 h - Conference Dinner in the restaurant EPPO
08:00 h – Session 3

13. What are the different SIJ- and leg pain generators and what is the physicians’ view on the appropriate therapy? (Donner)
   *Welche unterschiedlichen SZ-Generatoren am SIG gibt es, woher kommt der Beinschmerz und wie therapieren wir am besten aus ärztlicher Sicht?*

14. There’s more than the SIJ: Considerations for when to operate on the sacroiliac joint(s) and the lumbar spine at the same setting (Eden)
   *Es ist nicht nur das SIG: Überlegungen zur einzeitigen Operation an SIG und LWS*

15. Neurovascular Consequences and Comorbidities (Stark)
   *Neurovaskuläre Konsequenzen und Co-Morbiditäten*

16. It’s not as simple as it seems: Complications of sacroiliac fusion and salvage considerations (Graham Smith)
   *Nicht so leicht, wie es aussieht: Komplikationen und Revisionsoptionen bei SIG-Arthrodesen*

09:40 h - Coffee Break

10:00 h – Pro/Contra:

17. SIJ arthrodesis – when and why do we use anterior, posterior or lateral techniques – or do ‘many ways lead to Roma’? And what about preserving motion? (Donner, Eden, Graham Smith, Kibsgård, Murakami, Stark)
   *SIG-Arthrodese – wann ventral, wann lateral, wann dorsal? oder, viele Wege führen nach Rom’ (und wie steht’s mit dem Bewegungserhalt?)*

18. Clinical studies on SIJ fusion – how true can we get? (Kibsgård)
   *Klinische Studien der SIG-Fusion - wie nahe kommen wir der Wahrheit?*

11:30 h - Round-table (please download the preparing documents):

19. What preoperative data and scores do we need? How do we avoid comparing apples with pears in the future? (Stuge, All)
   *Welche präoperativen Daten und Scores brauchen wir - oder wie können wir es verhindern in Zukunft Äpfeln mit Birnen zu vergleichen?*

20. What do we demand from a control group and how do we validate the quality? (Stuge)
   *Welche Forderungen stellen wir an eine konservative Kontrollgruppe und wie stellen wir deren Qualität sicher?*

12:30 h – Take home message and end of Conference

Please participate actively in the discussion and make sure to download the provided conference papers from our website (the link will be provided with the confirming email).

- Abstracts + Publications
- Clinical SIJ score proposals (discussed in topic 19)

*We also recommend the recently published related book ‘Surgery for the painful, dysfunctional SIJ’*

14:00 h – 15:00 h – EXTRA offer:

*Hands on: Clinical examination of the SIJ (Stuge)*
1. Böhme, Jürg, PD Dr. med. habil., Clinic for Orthopedic and Traumatologic Surgery, Spine Center, University Hospital, Leipzig, Germany (5)
   Co-author: Ligamentous influence in pelvic load distribution; Description of the iliolumbar ligament for computer-assisted reconstruction; Novel insights into the sacroiliac joint ligaments.

2. Donner, Jeff, MD, Colorado Spine Institute, Loveland, Colorado, USA (13, 17)
   Dr. Donner is a member of the American Board of Orthopedic Surgeons & American Board of Spinal Surgery certified orthopedic spinal surgeon who has over 20 years experience diagnosing and surgically treating patients with SI joint pain and dysfunction and has presented scientific papers at multiple international meetings on SI joint related topics during his career including the outcomes of SI joint fusion surgeries. Dr Donner recently authored a chapter in the book, 'Surgery for the Painful, Dysfunctional Sacroiliac Joint', focusing on the minimally invasive, posterior inferior approach.

3. Eden, Sonia V., MD, Borgess Brain and Spine Institute, , Kalamazoo, MI, USA (14)
   Assistant Professor at Western Michigan School of Medicine, Neurosurgery, Co-author of the book 'Surgery for the Painful, Dysfunctional Sacroiliac Joint'.

4. Egund, Niels, MD, Consultant Professor, DMsc, Institute: Department of Radiology, Aarhus University Hospital (3)
   Author: Prevalence of degenerative and spondyloarthritic-related MRI findings in the sacroiliac joints and spine in patients with persistent low back pain

5. Fuchs, Volker, Dr. med., Orthopedic Department, AMEOS Clinic St. Salvador, Halberstadt, Germany (12)
   SIMEG President and founding member. Dr. Fuchs started to operate on the SI in 2010. He directed the first multicenter study including 200 patients.

6. Graham Smith, Arnold, MD, FRCS, FACS, Jacksonville, FL 32256 (16, 17)
   Dr. Arnold Graham Smith studied Medicine at King's College, London University, UK, and later studied Orthopedic Rehabilitation at Rancho Los Amigos, in Los Angeles where he worked with paraplegics and wheelchair people in the SI unit. Interdisciplinary treatment philosophy has stayed with him ever since and he still relies on the expertise of a treatment team for the best outcomes. He is a member of the Board of Directors of the ARSS (American Board of Spine Surgery), where he was chairman of the examination committee. He believes that spine surgery is now so complex that it should only be performed by surgeons with special training. Just as orthopaedic and neurological surgeons require Board certification, so spine surgeons can now become Board Certified. Dr. Graham Smith is a member of the North American Spine Society and a Founder Member of ISIS.

7. Harms, Jürgen, Prof. Dr. med., Spinal Surgery, Ethiamun Klinik, Heidelberg, Germany (11)
   Prof. Dr. med. Jürgen Harms is an internationally renowned specialist in the field of spinal surgery. He has conducted more than 10,000 spinal surgeries and is thus one of the most experienced experts on the spine worldwide. He has prepared innovative surgical techniques in scoliosis surgery, tumor surgery, transoral surgery, transforminal lumbar interbody fusion (TLIF) or the dorsal fixation of the atlantoaxial complex which are in the meantime being practiced throughout the world. This experience led him to advocate to avoid unnecessary surgery. Prof. Harms has published several articles about SIJ biomechanics and physical treatment.

8. Kibsgård, Thomas, VMD, Orthopedic Department, University Hospital, Oslo, Norway (17, 18)
   Author: Pelvic joint fusions in patients with chronic pelvic girdle pain: a 23-year follow-up. He will present a review on available studies on SIJ surgical treatment.

9. Koga, Hiroaki, MD, Department of Orthopedic surgery, Kikuno hospital, Kagoshima, Japan (6)
   Executive Vice President, Kikuno Hospital, 1995 – 2000: Instructor of Department of Orthopedic Surgery, Kagoshima Graduate School of Medical and Dental Sciences; 2001 – 2013: Director of Orthopedic Surgery Imakine General Hospital, Kagoshima Japan; 2005 – 2013: Clinical Assistant Professor of Department of Orthopedic Surgery, Kagoshima Graduate School of Medical and Dental Sciences, board member of the ‘Japanese Sacroiliac Joint Research Group’

10. Kurosawa, Daisuke, MD, Department of Orthopedic surgery, Low back pain and Sacroiliac joint center, JCHO Hospital, Sendai, Japan (9)

11. Murakami, Eichi, Department of Orthopedic surgery, Low back pain and Sacroiliac joint center, JCHO Hospital, Sendai, Japan (17)
    1981: Graduated from Tohoku University School of Medicine. Chief of Low Back Pain and Sacroiliac Joint Center in JCHO Sendai Hospital. Representative Director of the Japanese Sacroiliac Joint Research Association

12. Neuhuber, Winfried, Prof. Dr. med., Anatomic Institute, FAU, University of Erlangen-Nürnberg, Germany (4)

13. Roberts, Shannon, PhD candidate, Division of Anatomy, Dept. of Surgery, University Toronto, Canada (10)
    Member of a collaborative research team that includes Physical Medicine and Rehabilitation physicians, Dr. Eidon Loh and Dr. Robert Burnham, and clinical anatomist, Dr. Anne Agur. She is currently investigating the innervation of the sacro-iliac joint and the relationships of the nerves to ultrasound landmarks. Based on this work, a novel ultrasound-guided radiofrequency ablation technique for the treatment of sacro-iliac joint complex pain was proposed.

14. Sieper, Joachim, Prof. Dr. med., Head of Rheumatology, Charité – University Hospital, Berlin, Germany (7)
    Prof. Sieper published more than 70 papers on ‘Spondyloarthritids’ and ‘Ankylosing Spondylitis’

15. Sobottke, Rolf, PD Dr. med., Head of Orthopedic Department, Medical Center, Würselen, Germany (2)
    Vice director of the spinal surgery register (German Spine Society)

16. Stark, John Gregory , MD, Orthopedic Surgeon, Backpain Clinic, Minneapolis, MN, USA (1, 15, 17)
    Dr. Stark is actively researching the sacroiliac joint anatomy and pathology since more than 20 years and pioneered sacroiliac joint fusion using a posterior midline approach. Bone healing, innervation of the SIJ, biomechanics and restoration of the anatomy are his main concerns which led him to the development of his Distraction Inferference Arthrodesis (NeuroSafe ArthroBriding techniques).

17. Stuge, Britt, Senior Researcher, Div. for Neuroscience and Musculoskeletal Medicine, University Hospital, Oslo, Norway (8,19, 20)
    She has practiced as a physiotherapist since 1982, completing an MSc in 2001 and a PhD in 2005. Britt has worked in clinical practice with women experiencing pregnancy-related pelvic girdle pain for nearly 20 years. Amongst other published works she is co-author of the European guidelines for the diagnosis and treatment of pelvic girdle pain (2008) having been a member of the European Commission group exploring the subject.
Latest SIJ surgical technologies will be presented at the Lunch-Workshop. Exhibition is located inside the auditorium.

**Exhibitors/Sponsors**

1. Bauerfeind AG, 07937 Zeulenroda-Triebes  
   www.bauerfeind.com
2. German Institute for Cell and Tissue Replacement, a not-for profit Inc., 12555 Berlin-Germany, www.dizg.de
3. Ilion Medical, Inc., Minneapolis, MN 55402 / USA  
   www.ilionmedical.com
4. Globus Medical UK Ltd., SHEFFIELD S35 2PH /UK  
   www.globusmedical.eu
5. Metrum Cryoflex, 05-092 Łomianki n/Warsaw  
6. Pfizer Pharma GmbH, 10922 Berlin  
   www.pfizer.de
7. SIGNUS Medizintechnik GmbH, 63755 Alzenau  
   www.signus.com
8. SI-Technology, LLC, 80524 Fort Collins, Co, USA  
   www.si-technology.co

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**Time Table ICSJS 2015**

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<td>08:30 h Registration</td>
<td>12:30 h - 14:00 h Industry Exhibition and Lunch-Workshop</td>
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<td>08:00 h - 09:40 h SIJ Surgery</td>
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<td>2</td>
<td>09:00 h - 10:30 h SIJ Introduction</td>
<td>14:00 h - 15:30 h Indication</td>
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<td>Pain generators, When to operate, Who to operate, Complications</td>
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<td>History of SIJ Fusion</td>
<td>Pathology</td>
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<td>Coffee Break</td>
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<td>4</td>
<td>SIJ-Care Register</td>
<td>Physical Tests</td>
<td>16</td>
<td>10:00 h - 11:00 h Pro/Contra</td>
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<td>Surgical techniques</td>
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<td>11:00 h - 11:30 h Clinical Studies</td>
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<td>11:00 h - 12:30 h Inside the Sacroiliac Joint</td>
<td>16:00 h - 17:00 h Non Surgical Treatment</td>
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<td>11:30 h - 12:00 h Round Table</td>
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<td>SIJ-Care Register</td>
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ORGANIZING HOST

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F +49 2196 732 536
info@si-meg.com
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Venue

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www.dorint.com/hamburg

FEES AND SERVICE

<table>
<thead>
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<tr>
<td>Full conference</td>
<td>500 €</td>
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<tr>
<td>One day ticket Friday</td>
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<td>One day ticket Saturday</td>
<td>200 €</td>
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*confirmed members only. A non confirmed application for membership does not justify reduced fee.

Physiotherapists/non surgeons 250 €
Conference Dinner: 60 €

include

- Conference participation
- Physical examination hands-on workshop
- Coffee breaks
- Lunch on Friday
- Abstract download
- Download of conference audio/video protocol

For local assistance please call +49 152 2196 8816

Regardless of whether yours is a private or a business trip to Hamburg, you are sure to find the ideal location of our hotel most welcome indeed: close to the city centre and in perfect proximity to the exhibition centre, the congress centre, the airport and the A 7 motorway. The Dorint Hotel Hamburg-Eppendorf is also a direct neighbour of the university clinic, a hospital which enjoys a good worldwide reputation. There are even two glass walkways directly linking the hotel to the specialist clinic and the Hamburg Centre for Anaesthesiology. You would like to set out from the hotel to visit the sights of the Hamburg Harbour and the Inner Alster? No problem! There are public transport stops right on the doorstep, so there are no limits whatsoever to your exploratory outings into town.

Organizing committee:

- Michael Dierks, Medical Device Consultant
- Dr. med. Volker Fuchs, President SIMEG e.V.

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