






# 12TH ISOC Conference

## MD & CEO PROGRAM

### KEY:

-  = ALL MEETING PARTICIPANTS & PARTNERS
-  = ALL MEETING PARTICIPANTS
-  = PARALLEL SESSIONS (MEETING PARTICIPANTS)

WEDNESDAY, APRIL 15, 2026

### SCHEDULE:

LOCATION: Hotel Haarhuis Arnhem

- 12:00-16:00 **Registration Check-in (All Meeting Participants & Partners)**  
*Location: Hotel Haarhuis - Lobby Floor*

\*Presentation slides should be saved as a PowerPoint file in English. Please send your presentation slides to the following email address by April 3, 2026:  
[L.Mennen@maartenskliniek.nl](mailto:L.Mennen@maartenskliniek.nl)
- 14:00-16:00 **Meeting of the Board of Directors (Board Members Only)**  
*Location: Hotel Haarhuis - City Boardroom*
- 17:00-20:00 **Welcome Reception (All Meeting Participants & Partners)**  
*Location: Hotel Haarhuis - The Storage (Wine Cellar & Whiskey Bar)*

## THURSDAY, APRIL 16, 2026

### SCHEDULE:

07:20 **BUS TRANSPORTATION** from Main Hotel to Sint Maartenskliniek (*Meeting Participants*) → *Pick-up Location: Hotel Haarhuis Arnhem*

08:10-8:25 *Coffee & Tea*

#### 08:30-08:45 **Opening Ceremony and Introductions**

*Location: Sint Maartenskliniek - PQ-2.05-07*

**"Beyond the Bone: The Power of Corporate Culture in Orthopaedic Care"**

**Welcome:** *Dr. Tim Simmers, CEO & 12th ISOC Program Co-Chair*

**Introduction:** *Dr. Mark Stegeman, 12th ISOC Program Co-Chair*

#### 08:50-09:35 **Keynote Lecture & Panel Discussion**

*Location: Sint Maartenskliniek - PQ-2.05-07*

**"Investing in a Healthy Workplace Pays Off"- Panel discussion on defining success in hospital operation, success of treatment and how to improve patient outcomes**

**Guest Speakers:** *Dr. Romy Steenbeek and Ms. Anna van Duijnhoven*

#### 09:40-10:30 **Combined Presentations (Orthopaedic Training)**

*Moderator: Dr. Markku Nousiainen*

*Location: Sint Maartenskliniek - PQ-2.05-07*

**09:40-09:46 #056: International Society of Orthopaedic Centers (ISOC) Delphi Consensus on Residency Training: Are Residents' Perspectives Aligned?** - *Dr. Rodrigo Guiloff*

**09:46-09:52 #047: Partnering with Industry to Power Educational Opportunities-** *Dr. Joseph Styron*

**09:52-09:58 #058: How Many Papers Do I Need to Publish? An Analysis of the 2023–2024 Orthopaedic Surgery Residency Application Cycle-** *Dr. Lukas Nystrom*

**09:58-10:04 #059: Overarching challenges to the implementation of competency-based medical education-** *Dr. Markku Nousiainen*

**10:04-10:10 #067: Perception of Orthopedic Residents Regarding Supervision of Activities in a University Hospital in Argentina-** *Dr. Maria Gala Santini Araujo*

**10:10-10:16 #063: Ortho AI: An Integrated Artificial Intelligence Ecosystem for Modern Orthopaedic Practice-** *Dr. Ashok Shyam*

**10:16-10:30 Discussion**

10:30-10:40 *Coffee Break*

#### 10:45-11:30 **Roundtable: Safety & Quality- From Incident to Institutional Learning**

**Moderators:** *Dr. Mark Stegeman & Dr. Mathias Bostrom*

*Location: Sint Maartenskliniek - PQ-2.05-07*

**Dutch Experience:** *Dr. Mark Stegeman*

**USA Experience:** *Dr. Mathias Bostrom*

**Indian Experience:** *Dr. Ashok Shyam*

**Swedish Experience:** *Dr. Anna Stefansdottir*

#### 11:30-12:30 **Meeting of the Members w/ Lunch (Meeting Starts @ 11:45 Sharp)**

**Leads:** *Dr. Mathias Bostrom, Dr. Tim Simmers, Briana Bloom, Nicole Earley*

*Location: Sint Maartenskliniek - PQ-2.05-07*

**I. ISOC Committee Reports**

**II. Global Reputation Strategies**

*\*Coffee available during lunch*

#### 12:30-13:20 **Tour of Sint Maartenskliniek & Official Group Photo**

(Thursday Schedule Continued)

13:30-14:50	<b>Parallel Sessions →</b>	<b>CEO/Leadership</b> Location: Sint Maartenskliniek - Q2.04	<b>Sports Medicine</b> Moderator: Dr. Erick Marigi Location: Sint Maartenskliniek - P2.05	<b>Primary Hip Arthroplasty</b> Moderator: Dr. Marc Nijhof Location: Sint Maartenskliniek - Q2.05-2.07	<b>Spine</b> Moderator: Dr. Rinse Meester Location: Sint Maartenskliniek - Schakel 3 (Ground Floor)
		<b>Session Lead: Dr. Tim Simmers, ISOC CEO Committee Chair</b>	<b>13:30-13:38</b> #088: Validation of a Low-Cost, Low-Fidelity 3D Printed Arthroscopic Simulator Using a Modern Framework- Dr. Agustín Albani Forneris	<b>13:30-13:38</b> #081: THA with dual mobility components is associated with excellent clinical outcomes & safe metal ion blood levels at 2 years- Dr. Phil Huang	<b>13:30-13:38</b> #016: Improving Safety in Pedicle Screw Placement: Spinal Robotics- Dr. Matthew Cunningham
		<b>Part I: Introductions</b>	<b>13:38-13:46</b> #089: Cost-Effectiveness and Patient-Reported Outcomes of Open vs Arthroscopic Rotator Cuff Repair- Dr. Rodrigo J. Nicolau	<b>13:38-13:46</b> #099: Who Needs 3D Planning for Total Hip Arthroplasty?- Prof. William Walter	<b>13:38-13:46</b> #017: The Literature Gap Finder: An Automated Framework for Identifying Research Gaps in Spine Surgery Literature- Dr. Thomas Mroz
		<b>Part II: Review Previous Initiatives &amp; Current Themes for CEO/Leadership Program</b>	<b>13:46-13:54</b> #091: Ultra-High Molecular Weight Polyethylene Suture and Tape Show Comparable Biomechanical Behavior in Inside-Out Meniscal Repair- Dr. José Leonardo Rocha de Faria	<b>13:46-13:54</b> #022: 'E-spot' (Obturator Externus Tendon Femoral Origin) as an Intraoperative Landmark for femoral preparation during 'off-table' anterior approach THA- Dr. Daniel Pincus	<b>13:46-13:54</b> #041: A retrospective pilot trial assessing the use of AIDOC AI based algorithm for automated detection of Thoracolumbar Spinal Fractures- Dr. Josh Schroeder
	<b>Part III: "Reputation &amp; Remaining Relevant" (Dr. Mathias Bostrom)</b>	<b>14:54-15:02</b> #087: Prolotherapy in Knee Osteoarthritis- Dr. José Leonardo Rocha de Faria	<b>13:54-14:02</b> #084: Frame-based Draping Technique for Direct Anterior Approach THA on a Standard Table is Efficient and Safe- Dr. Hannes Rüdiger	<b>13:54-14:02</b> #014: Long and Short-Term Recovery Outcomes Following Spinous Process Splitting Approach: Comparative Post operative outcomes vs Conventional Laminectomy- Dr. Joel Finkelstein	
		<b>15:02-15:10</b> #048: Management of massive rotator cuff tears with either arthroscopic repair or latissimus dorsi tendon transplant: A randomized controlled trial- Dr. Patrick Henry	<b>14:02-14:10</b> #080: The Preoperative Plan Femoral Stem Heat Map Can Predict Distal Reamer Use in Hip Arthroplasty- Dr. Phil Huang	<b>14:02-14:10</b> #008: Spread and Scale of the Central Intake and Rapid Access Clinic model in Spine Care- Mrs. Amy Wainwright	
		<b>15:10-14:30</b> Discussion	<b>14:10-14:18</b> #095: Powered Acetabular Extraction Device Enables 40% Faster Cup Removal Compared to Manual Techniques- Dr. Viktor Krebs	<b>14:10-14:18</b> #018: Managing and monitoring spine surgery complications across large multi-hospital systems- Dr. Thomas Mroz	
			<b>14:18-14:26</b> #032: Lower MCID Achievement After Contralateral THA Despite Improved Baseline and First-Side Success- Dr. Nicolas Piuze	<b>14:18-14:26</b> #013: Building a Culture of Innovation: Integrating AI-Enhanced VR Simulation into Clinical Spine Education Workflow- Dr. Michael Hardisty	
			<b>14:26-14:34</b> #082: Ultrasound-Guided Hydrodissection for Sciatic Neuropathy following Hip Arthroplasty- Dr. Thomas Sculco	<b>14:18-14:50</b> Discussion	
			<b>14:34-14:50</b> Discussion		

14:50-15:05 **Coffee Break**

15:10-16:10	<b>Combined Presentations: Systems- Level Value, Registries &amp; Planning</b>
	Moderator: Dr. Petra Heesterbeek Location: Sint Maartenskliniek - PQ-2.05-07
	<b>15:10-15:17</b> #019: "Three-Year Outcomes of the Toronto Regional Arthroplasty Collaborative (TRAC): A weekend-based, regional approach to reduce backlogs in scheduled hip"- Dr. Markku Nousiainen
	<b>15:17-15:24</b> #031: Building a real world database: First Institutional Arthroplasty Register from Brazil's Largest Public Orthopaedic Center- Dr. José Leonardo Rocha de Faria
	<b>15:24-15:31</b> #035: Why Develop a Combined Complexity Tool for Hip & Knee Surgery? For Better Care, Insight, and Reimbursement - Dr. José Smolders
<b>15:31-15:38</b> #011: Impact of Value-Based Clinical Pathways on Safety & Outcomes in Multidisciplinary Management of Total Knee & Hip Arthroplasty- Dr. Mario Lenza	
<b>15:38-16:10</b> Discussion	
16:10-16:20	<b>Closing Remarks for Day 1</b>

16:25 **BUS TRANSPORTATION** from Sint Maartenskliniek to Main Hotel (Meeting Participants)

18:30 **BUS TRANSPORTATION** to Airborne Museum (All - Meeting Participants & Partners) → **Pick-up Location: Hotel Haarhuis Arnhem**

19:00-20:00 **Airborne Museum Tour**

20:00-22:30 **Dinner at Klein Hartenstein**  
Dress Code: Casual Chic

22:30 **BUS TRANSPORTATION** to Main Hotel (All - Meeting Participants & Partners) → **Pick-up Location: Klein Hartenstein**

FRIDAY, APRIL 17, 2026

**SCHEDULE:**

Location: Hotel Haarhuis Arnhem (All Meeting Participants)

08:15-09:05 **Keynote Lecture**  
Location: Hotel Haarhuis - Promenade 4/5  
**"Rex Injury- the medical file of Tyrannosaurus "Trix"**  
Guest Speaker: Prof. Anne Schulp

09:10-09:55 **Combined Presentations (OR Focused)**  
Moderator: Dr. Koen Defoort  
Location: Hotel Haarhuis - Promenade 4/5

9:10- 9:16	#064: SMART Scheduling: Integrated Machine Learning and Optimization for Comprehensive Operating Room Management- Dr. Aazad Abbas
9:16-9:22	#057: Innovation, Safety and Process Support: Designing Our New Operating Theatres- Dr. Koen Defoort
9:22- 9:28	#054: Developing expert surgical teams: Using intraoperative data to inform quality improvement initiatives aimed at improving surgical team performance- Dr. Portia Kalun
9:28-9:34	#055: Identifying Task-Specific Ergonomic Risks in Orthopaedics: Development of the POSTURE Framework in a cohort study- Dr. Sebastian Tomescu
9:34-09:55	Discussion

09:55-10:05 Coffee Break

10:10-11:00 **Round Table: Physician / Surgeon Well-Being, Burnout & Wellness**  
Moderator: Steve Forti, HSS Chief Wellness Officer  
Location: Hotel Haarhuis - Promenade 4/5

**USA Experience: Mr. Steve Forti (Hospital for Special Surgery)**  
**Indian Experience: Dr. Ashok Shyam (Sancheti Institute)**  
**Dutch Experience: Dr. Rinse Meester (Sint Maartenskliniek)**

11:00-12:00 **Mini Symposium: Bone Anchored Prosthesis**  
Moderator: Dr. Robin Atallah  
Location: Hotel Haarhuis - Promenade 4/5

**Background and Introduction: Dr. Robin Atallah**  
**History, First Cohort Experience and Safety Aspects: Dr. Jan Paul Frölke**  
**Previous Research Innovations & where we are heading: Prof. Ruud Leijendekkers**  
**HSS Experience and how to get started: Dr. Robert Rozbruch**  
**Project for Regional Collaboration: Dr. Mark Stegeman**

12:00-12:50 **LUNCH (Hotel Haarhuis Arnhem)**

(Friday Schedule Continued)

13:00-14:10	<b>Parallel Sessions →</b> Location: Hotel Harhuis - City Boardroom	<b>CEO/Leadership</b> Location: Hotel Harhuis - City Boardroom	<b>Trauma &amp; Lower Extremities</b> Moderator: Dr. Mark Stlegeman Location: Hotel Harhuis - Promenade 4	<b>Infection &amp; Antibiotic Optimization</b> Moderators: Dr. Jon Goosen & Dr. Karin Veerman Location: Hotel Harhuis - Promenade 5	<b>Primary Knee Arthroplasty</b> Moderator: Dr. Gijs van Hellemond Location: Hotel Harhuis - Promenade 3
		Session Lead: Dr. Tim Simmers, ISOC CEO Committee Chair	13:00-13:07 #045: Surgical correction of foot deformities in Charcot-Marie-Tooth-disease: effects on personal goals and gait capacity- Dr. Heleen Van der Wielen  13:07-13:14 #046: Medial displacement calcaneal osteotomy affects foot biomechanics in patients with posterior tibial tendon dysfunction. Dr. Sander Wuite  13:14-13:21 #071: Surgical correction of pes equinovarus in people with stroke: effects on personalized goal attainment and balance and gait capacity- Dr. Chris Donken  13:21-13:28 #097: Apparent Changes in Fat & Muscle Distribution during Recent 30-Years May Indicate Higher Risk for Common Diseases in the Future- Dr. Bjorn Rosengren  13:28-13:35 #094: Improved Subjective Outcomes in Operated but Not in Conservatively Treated Superelderly (>80 years) Patients with a Distal Radius Fracture- Prof. Magnus Tagil  13:35-13:42 #052: Imaging findings and complications after curettage of atypical cartilaginous tumors in long bones: a retrospective cohort study*- Dr. Luca Maria Sconfienza  13:42-13:49 #042: Patient-Reported Outcome Measures in the Elderly: Do These Reflect Healing Post-Fragility Fracture of the Pelvis?- Dr. Cari Whyne  13:49-13:56 #043: Arthroplasty as treatment of hip fracture – 15-years follow-up of revision rates based on approach, arthroplasty type and design- Dr. Cecilia Rogmark  13:56-14:10 Discussion	13:00-13:08 #003: One vs Two-Stage Septic Hip and Knee Revision Surgery: A Comparative Cohort Outcome Study with Midterm Follow Up- Dr. Jon Goosen  13:08-13:16 #033: Developing a Multidisciplinary Program to Investigate Host-Pathogen Interactions in Periprosthetic Joint Infection- Dr. Nicolas Pluzzi  13:16-13:24 #039: International Success And Failure of The Treatment of Periprosthetic Hip And Knee Infection: A Preliminary Report- Dr. Carlos Higuera-Rueda  13:24-13:32 #026: Empiric antibiotic therapy in early bone and joint surgery related infections: A retrospective cohort study- Dr. Karin Veerman  13:32-13:40 #096: Cefazolin for All: Safe Implementation of Updated Antibiotic Guidelines in 12,849 Arthroplasty Patients- Dr. Robert Molloy  13:40-13:48 #072: Outcome and prognostic factors in a retrospective cohort of periprosthetic joint infections in the hip or knee: How to define success?- Dr. Anna Stefánsdóttir  13:48-14:10 Discussion	13:00-13:08 #074: Periprosthetic Bone Mineral Density Changes After TKA: Early Clinical Evidence from DEXA Monitoring- Dr. Domenico Alessi  13:08-13:16 #023: Obesity and Total Knee Arthroplasty- Dr. Fred Cushner  13:16-13:24 #029: Improving Patient Care and Comfort in the Course of TKA by Anesthesiologist-Orthopedic teamwork- Jean-Noel Argenson  13:24-13:32 #100: Total Knee Arthroplasty in Young Active Patients: Long-Term Follow-Up and Functional Outcomes- Dr. William Long  13:32-13:40 #004: The Reliability and Validity of a Virtual Performance Measure (VPM) in Patients with Osteoarthritis of the Hip and Knee- Dr. John Murnaghan  13:40-14:10 Discussion
14:15-15:15	<b>Parallel Sessions →</b> Location: Hotel Harhuis - City Boardroom	<b>CEO/Leadership</b> Location: Hotel Harhuis - City Boardroom	<b>Hip &amp; Knee Robotics, AI &amp; Technology</b> Moderator: Dr Simon van Laarhoven Location: Hotel Harhuis - Promenade 3		
		Session Lead: Dr. Tim Simmers, ISOC CEO Committee Chair	14:15-14:21 #021: Association between robotic-assistance & major surgical complications in patients undergoing TKA- Dr. Daniel Pincus  14:21-14:27 #070: Progression of Lateral Luxity After Robotic-Assisted TKA Using Functional Alignment: A Prospective Two-Year Follow-up Study- Dr. Rajeev Reddy Kikkuri  14:27-14:33 #083: Non-mechanical coronal alignment shows no advantage in robotic-assisted TKA- Dr. Alexander Greenberg  14:33-14:39 #024: Residual Malalignment and Extension Deficits After Robotic TKA: Evidence from Intraoperative Measurements- Dr. Arne Kienzle  14:39-14:45 #025: Image-less vs Image-based Robotic TKA- A Radiological Comparison of Accuracy- Dr. Kushal Hippalgaonkar  14:45-14:51 #002: Accuracy of Acetabular Component Placement in Obese Patients (BMI >35) Undergoing THA With Robotic Assistance- Dr. Luis Moya  14:51-14:57 #078: Automatic detection of aseptic loosening in TKA using deep learning: an AI proof-of-concept study- Dr. Kelly Mills  14:57-15:03 #098: Educational Effect of Enabling Technologies in THA- Dr. William Walter  15:03-15:15 Discussion		
15:15-15:30	Coffee Break				

(Friday Schedule Continued)

15:35-16:15	<b>International Collaboration in Challenging Times</b> <i>Location: Hotel Haarhuis Promenade 4/5</i>
	<i>Dr. Mathias Bostrom (Hospital for Special Surgery)</i>
	<i>Prof. Thorsten Gehrke (Helios ENDO-Klinik)</i>
	<i>Dr. Kushal Hippalgaonkar (Sunshine Hospitals)</i>
	<i>Dr. Michael Hardisty (Sunnybrook Health Science Centres)</i>

18:30 **BUS TRANSPORTATION to Musis Sacrum Arnhem (All Meeting Participants & Partners) → Pick-up Location: Hotel Haarhuis**

19:00-22:30	<b>Drinks, Dinner and Show @ Musis Sacrum</b> <i>Dress Code: Festive Cocktail</i>
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22:30 **BUS TRANSPORTATION to Main Hotel (All Meeting Participants & Partners) → Pick-up Location: Musis Sacrum Arnhem**

**SATURDAY, APRIL 18, 2026**

**SCHEDULE:**

Location: Hotel Haarhuis (All Meeting Participants)

08:45-09:30	<b>Innovations to Clinical Practice</b> <i>Moderator: Prof. Magnus Tägil</i> <i>Location: Hotel Haarhuis Promenade 4/5</i>
	<i>Dr. Cari Whyne (Sunnybrook Health Sciences Centre)</i>
	<i>Dr. William Long (Hospital for Special Surgery)</i>
	<i>Dr. William Walter (Mater Hospital)</i>

09:30-10:35	<b>Parallel Sessions →</b>	<b>CEO / Leadership Session</b> <i>Location: Hotel Haarhuis - City Boardroom</i>	<b>Revision Arthroplasty &amp; Complex Reconstruction</b> <i>Moderator: Prof. Giuseppe Banfi</i> <i>Location: Hotel Haarhuis - Promenade 3</i>
		<b>Session Lead: Dr. Tim Simmers, ISOC CEO Committee Chair</b>	<p><b>09:30-09:38</b> #006: One- or Two-Stage Hip Revision? High Mortality in One-Stage Challenges Its Growing Popularity: A Registry Study- Dr. Luis Becker</p> <p><b>09:38-09:46</b> #069: Hip Revision Arthroplasty: Evolution of Indications Over 24 Years- Dr. Claudio Mella</p> <p><b>09:46-09:54</b> #086: Knee osteotomy combined with meniscal allograft transplantation versus isolated osteotomy: preliminary results of a randomized controlled trial- Dr. Luca Solaro</p> <p><b>09:54-10:02</b> #093: Towards a more standardized way of care in revision total knee arthroplasty- Dr. Maaïke de Bondt</p> <p><b>10:02-10:10</b> #005: Much higher re-revision rates and mortality following septic revision TKA compared to meta - analyses a registry study- Dr. Luis Becker</p> <p><b>10:10-10:18</b> #034: Finite Element Analysis of Unilateral and Bicompartamental Tibial Augments in Revision TKA- Dr. Friedrich Boettner</p> <p><b>10:18-10:35</b> Discussion</p>
		<b>Recap &amp; Next Steps</b>	

10:35-10:45	Coffee Break
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*(Saturday Schedule Continued)*

<b>10:50-11:30</b>	<b>Combined MD &amp; CEO Session</b> <i>Location: Hotel Haarhuis Promenade 4/5</i>
<b>10:50-11:10</b>	<b>ISOC Traveling Fellowship Experience</b> <i>Presenter: Dr. Robin Atallah (2025 ISOC Fellow)</i> <i>Orthopaedic Surgeon, Sint Maartenskliniek</i>
<b>11:10-11:30</b>	<b>Wrap-up Theme of Beyond the Bone</b> <i>Speakers: Dr. Tim Simmers, Dr. Mark Stegeman &amp; Dr. Mathias Bostrom</i>

<b>11:30-11:50</b>	<b>Closing Session</b> <i>Speakers: Dr. Tim Simmers, Dr. Mark Stegeman &amp; Dr. Mathias Bostrom</i> <i>Location: Hotel Haarhuis Promenade 4/5</i>
<b>11:30-11:45</b>	<b>Closing Remarks &amp; Farewell</b>

**11:50**     **Adjourn & Distribution of Parting Gifts**