



AAHKS

AMERICAN ASSOCIATION OF
HIP AND KNEE SURGEONS

UPDATE

SUMMER 2019

A MEMBER PUBLICATION



NOVEMBER 7-10, 2019

AAHKS
ANNUAL MEETING

PEER REVIEWED, PEERLESS INSIGHTS.

2019 AAHKS ANNUAL MEETING PRELIMINARY PROGRAM

WHAT'S INSIDE: REGISTER AND PLAN YOUR TRIP
• INDUSTRY SYMPOSIA SCHEDULE • PRELIMINARY
PROGRAM SCHEDULE • EXHIBITOR LIST

2020 Spring Meeting Save the Date

April 30 - May 2, 2020
Radisson Blu Aqua Hotel
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YOU ARE INVITED TO AAHKS 2019

Michael P. “Bolo” Bolognesi, MD, AAHKS President

I always look forward to early November, because that's when the AAHKS Annual Meeting takes place! I go to this Meeting each year with the understanding that I'm going to go home with something that's going to change the way I take care of patients and improve patient care. It's also a great opportunity to reconnect with like-minded colleagues who are doing hip and knee replacement and taking good care of people. The quality of what's presented at our Meeting and the educational value is unrivaled.

This year's Program Chair, James A. Browne, MD, and Education and Communications Council Chair, Bryan D. Springer, MD are working with the Program Committee to plan the three-day agenda of cutting-edge research.

AAHKS welcomes members of surgical teams to the Annual Meeting as well. Each year, we hear from attendees how much they get from the AAHKS Orthopaedic Team Course. Chair, Jeremy M. Gililland, MD and Co-Chairs Denis Nam, MD, MSc and Jana L. Flener, PA have put together an exciting agenda. If you are involved in improving quality, cost reduction, standardization of care, and risk at your institution, the AAHKS Business of Total Joint Replacement course is for you. This year's course is co-chaired by Mark I. Froimson, MD, MBA and Craig J. Della Valle, MD. Both courses feature a working lunch and open discussion with faculty. Be sure to register early and book your hotel room as the 2019 AAHKS Annual Meeting is full steam ahead.

I look forward to seeing you all in Dallas!

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AAHKS Courses



THE 2019 AAHKS ANNUAL MEETING: PEER REVIEWED. PEERLESS INSIGHTS.

James A. Browne, MD, Program Chair
Bryan D. Springer, MD, Education and
Communications Council Chair

The blinded peer-reviews of submissions are nearly complete, and notification will be going out soon. Abstract reviewers are working to identify the top research from the 1,727 abstracts and 36 symposium proposals. In the end, 59 will be presented at the podium, eight will be featured as symposia and 250 as posters in this highly competitive scientific meeting.

Industry-sponsored symposia are already in place, and you can register now to attend these free presentations on Thursday and Friday before the start of the general session on Friday afternoon. This year's topics include bundles, the hip-spine relationship, outpatient TJA, PJI, opioid alternatives and more.

Don't forget to make room in your schedule for the "Ask the Experts" case sessions taking place on Friday. Discuss complex primary and revision hip and primary and revision knee cases with leaders in the field of total joint arthroplasty. If you would like to show a case,

please RSVP to meeting@aaahks.org, and bring your case files on a USB thumb drive.

We welcome the 2019 Guest Societies: Asociación Argentina para el Estudio de la Cadera y la Rodilla (Argentine Association for the Study of the Hip and Knee) and the Arthroplasty Society of Australia. Ten posters from these organizations will be featured in the Poster Exhibition this year. Speaking of posters, we invite everyone to attend the Poster Reception on Saturday where we will present the Poster Awards.

Finally, we are excited to announce that in addition to all of our traditional learning opportunities, there will be a greater presence of hands-on learning activities.

AAHKS members rely on the mobile-friendly AAHKS website before, during and after the Annual Meeting for meeting details. Be sure to visit www.AAHKS.org/Meeting to get updates on the program and events that make the Annual Meeting essential to every orthopaedic hip and knee professional. You can also use the AAHKS Annual Meeting app to keep track of the schedule each day. Search "AAHKS" in the Apple and Google Play stores.



REGISTER AND

Meeting Registration

Register for the Annual Meeting, the Orthopaedic Team Course and Business of Total Joint Replacement Course. Sign up for industry-sponsored symposia and the "Ask the Experts" case sessions.

- 1. Go to www.AAHKS.org/Meeting**
- 2. Log in using your AAHKS username and password.** Click the Forgot username or password? link to reset. If you need assistance with registration,

please email meeting@aaahks.org or call 847-698-1200.

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PLAN YOUR TRIP



Hotel Reservations

The location of the 2019 AAHKS Annual Meeting is the Hilton Anatole at 2201 Stemmons Freeway in Dallas, Texas, USA. Make hotel reservations by going to www.AAHKS.org/Meeting, and log in to access the room block reservation link, or call the hotel directly at 214-748-1200.

About unauthorized solicitations: AAHKS has contracted with Hilton Anatole to manage the AAHKS room block for the Annual Meeting. The hotel is the only source that can guarantee your reservation.

SuperShuttle Ground Transportation

Meeting attendees can book the SuperShuttle shared ride shuttle from both airports to the Hilton Anatole. One-way rides to and from DFW are \$18.20 and Dallas Love Field are \$30.80. Reservations must be made online to receive these rates. There is a \$2 service fee for reservations made by phone at 800-258-3826.

Meeting Check-in

Prior to arriving in Dallas, you will receive an email with your AAHKS ID number to check in to the meeting. Bring this with you to streamline the check-in process and receive your badge.

A PREVIEW OF WHAT'S NEW

Michael J. Zarski, JD, Executive Director

As regular attendees know, the AAHKS Annual Meeting is never quite the same from year to year. We constantly raise the bar to enhance the meeting experience while maintaining the focus on education.

This year, we acknowledge that much of the significant educational content is conveyed through the Annual Meeting posters. The poster area is getting a refresh so attendees will find exploring the poster content a more rewarding experience. There will be lounge areas adjacent to the posters, and the Saturday reception will be held in this venue.

First-time Annual Meeting attendees may want to take advantage of an Annual Meeting orientation session,

courtesy of the Young Arthroplasty Group (YAG). The Women in Arthroplasty Committee (WIA) is organizing a group tour of booths in the Learning Center/Exhibit Hall. Residents will be afforded the opportunity to sit for the Orthopaedic In-Training Exam (OITE) as it coincides with the Annual Meeting this year.

Finally, more space will be devoted to seating for the general session by maintaining a second ballroom where the podium presentations will be livestreamed for remote viewing.

Once again, we look forward to welcoming you to Dallas in November!

WIA PLANS “BOOTH CRAWL” FOR WOMEN

The AAHKS Women in Arthroplasty Committee (WIA) is pleased to announce the first WIA Booth Crawl taking place on Friday, November 8 in the Learning Center/Exhibit Hall. The goal of the event is to increase the exposure of women in the field of hip and knee arthroplasty, not only as surgeons but also as engineers, physician assistants, nurse practitioners, physical therapists, etc. WIA provides mentorship, professional development and networking opportunities to the growing membership of women in AAHKS. See page 28 for details.

READY, SET, GO TO THE AAHKS FUN RUN / WALK

The AAHKS 5K and 1-Mile Walk takes place on Saturday, November 9 at 5:30 a.m. Pack your running gear, and register on-site after you get your Meeting badge at the Hilton Anatole. The suggested donation is \$20. This year, proceeds from the event will benefit Operation Walk.





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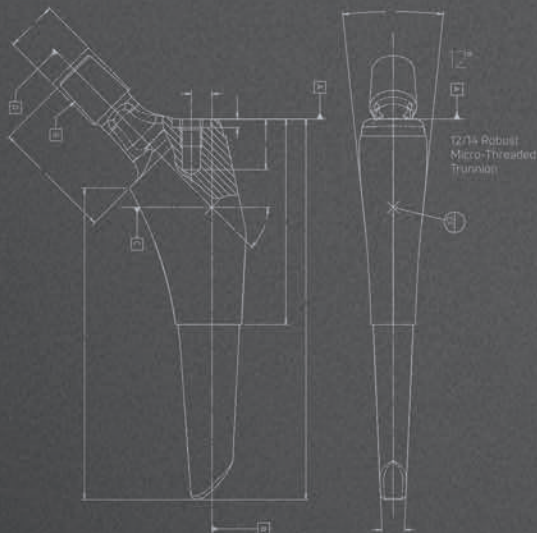
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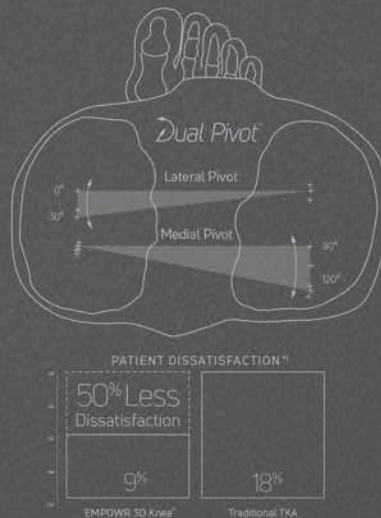
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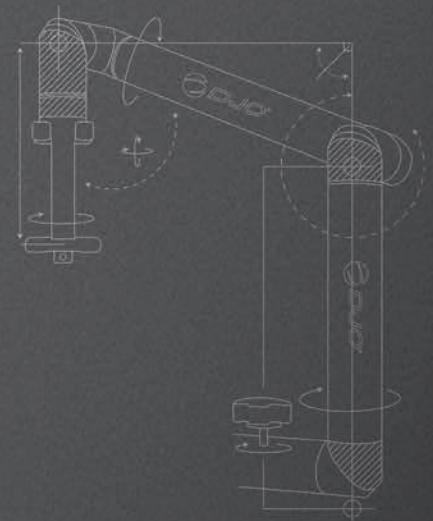
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†Replicating native knee dual-pivot kinematics improves outcomes after total knee arthroplasty"

R. Michael Meneghini MD – ICJR south presentation June 2018

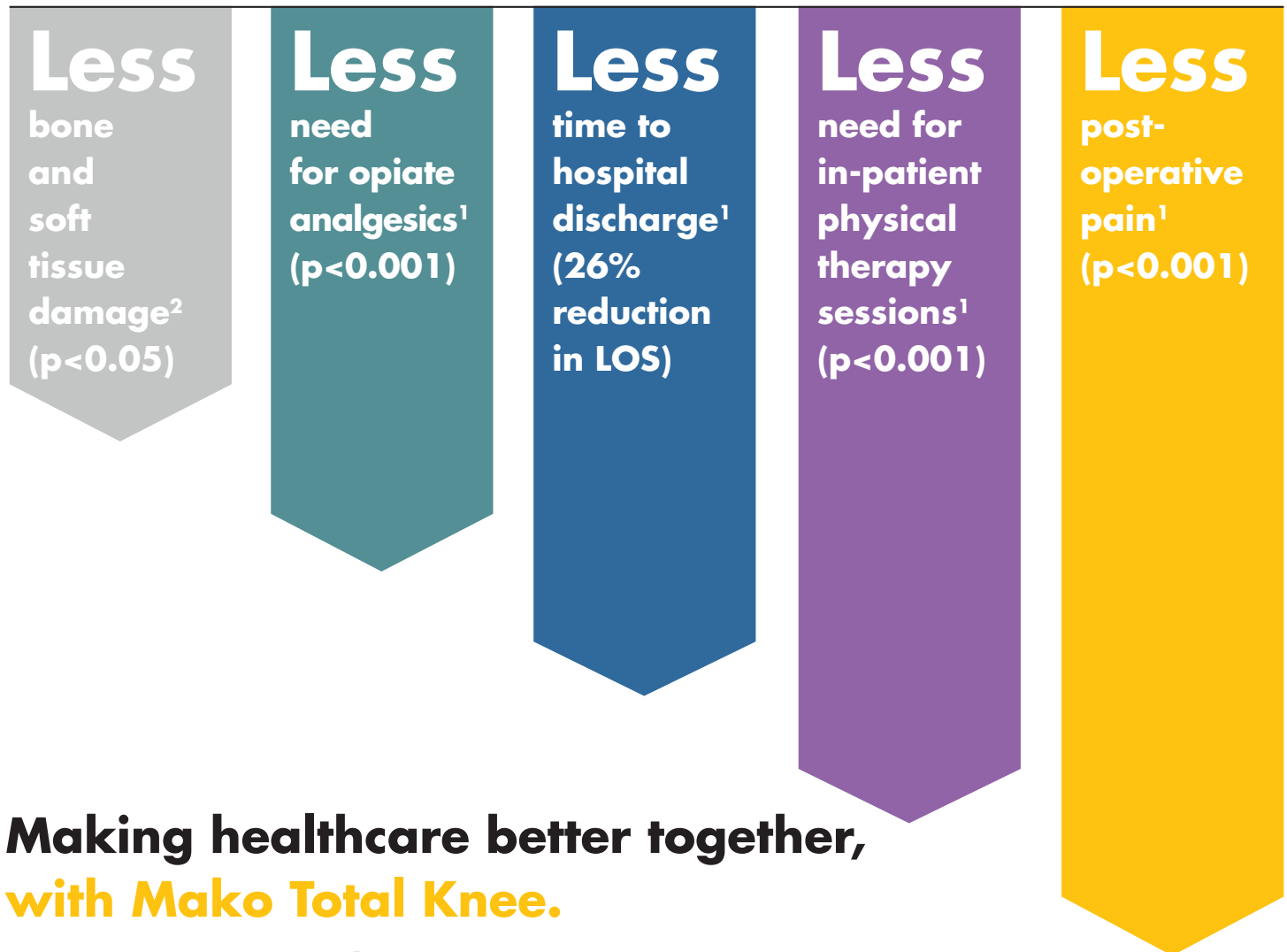
Dr. Michael Meneghini is a consultant for DJO®.

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References:

1. Haddad, F.S., et al. Robotic-arm assisted total knee arthroplasty is associated with improved early functional recovery and reduced time to hospital discharge compared with conventional jig-based total knee arthroplasty. *The Bone & Joint Journal*, July 2018.
2. Haddad, F.S., et al. Iatrogenic Bone and Soft Tissue Trauma in Robotic-Arm Assisted Total Knee Arthroplasty Compared With Conventional Jig-Based Total Knee Arthroplasty: A Prospective Cohort Study and Validation of a New Classification System. *J Arthroplasty*. 2018 Aug;33(8):2496-2501. Epub 2018 Mar 27.

Professor Fares S. Haddad is a consultant of Stryker. However, Dr. Haddad and the authors of these publications did not receive financial or in-kind compensation for the research or publications.

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INDUSTRY SYMPOSIA PRELIMINARY SCHEDULE

Information is subject to change. Please visit the AAHKS website for the latest updates.

Thursday, November 7, 2019

10:00 a.m.-12:00 p.m.

Cryoanalgesia and Periarticular Infiltration as part of a Multimodal Path to an Opioid-Free TKA **Pacira BioSciences, Inc.**

This symposium will feature presentations on cryoanalgesia, discussion of optimized multimodal pain management protocols, and an overview of recent Real World Evidence (RWE) and published clinical data. Surgeon presentations will also present in integrating these multimodal protocols which have helped them enhance clinical outcomes, improve post-surgical recovery and reduce costs. Attendees will participate in an interactive forum with surgeon faculty.

10:00 a.m.-12:00 p.m.

Emerging Trends in Orthopedics: Innovation for Better Results **Microport Orthopedics**

The long-term survivorship and high patient satisfaction rates for total joint arthroplasties have been well

documented subjects for the past decade. With the evolving medical landscape, providers are searching for ways to receive even more out of their implants, reduce the burden on health systems, and return patients to full function faster. The surgeons on this panel have adopted several key strategies to improve their practice and achieve better results for their practices:

- Dr. David Backstein and Dr. Ritesh Shah will discuss the benefits of introducing medial-pivot kinematics into practice, and how implant selection has driven better results in both primary and revision TKA.
- Dr. Jimmy Chow and Dr. Stephen Murphy will discuss how superior portal assisted total hip arthroplasty has benefited their patients, practice, and hospital system by getting patients home faster and reducing costs.
- Dr. Jimmy Chow, Dr. David Backstein, Dr. Stephen Murphy, and Dr. Ritesh Shah will have a panel discussion speaking to the increasing popularity of total joints in the outpatient setting and what can be done to promote better results in your practice.



12:30-2:30 p.m.

Learn a Bundle from the Experts

Reflexion Health

Learn how four orthopaedic surgeons from Greensboro, North Carolina built one of the nation's first physician-driven, value-based outpatient commercial joint bundled programs.

12:30-2:30 p.m.

Functional THA planning and control with EOS 3D solutions

EOS Imaging

Surgeons will see how to identify patients at risk and avoid complications in the OR through advanced 3D planning solutions for THA. Surgeons will be able to see how to take into account standing and seated images while planning a THA and use Range of Motion tools to avoid implant impingement.

12:30-2:30 p.m.

Opioid Free and Ultra Low Opioid Total Knee is a Current Reality

Avanos Medical

Objectives:

- To prove that total knee arthroplasty can be performed with little, if any need for opioids using a combination of education, optimized pre-op and post-op pain protocols, and optimized recovery protocols.

- To show healthcare economic savings regarding patients costs and total cost of care, annual savings based on expected volume.
- To show that the costs associated with this protocol are lower than those of the national median.
- To show that nearly all patients can be treated as outpatient joint replacements.
- To show that patients treated with this protocol have recidivism rates equal to or lower than that of the top 200 orthopedic hospital.

12:30-2:30 p.m.

Enabling Technologies in ASC

Smith & Nephew

Outpatient Total Joint Arthroplasty is continuing to increase in popularity and application. This session will focus on the strategies used to excel in the ASC market. This will include not only general best-practice strategies but also how the use of a robust portfolio of modern implants and associated enabling technologies can not only improve the efficiency in the OR but also improve upon patient outcomes and satisfaction.

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Christ et al. Open Orthop J. 2018;12:389-395.

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INDUSTRY SYMPOSIA PRELIMINARY SCHEDULE CONTINUED

3:00-5:00 p.m.

The Hip/Spine Relationship, Made Easy

Corin

This symposium will help demystify the hip spine relationship and provide a simple, effective way to optimize patient specific component alignment in total hip arthroplasty. The symposium will include:

- A viable method for measuring hip / spine X-rays in THA or even having the analysis performed for you.
- Clinical use of the Optimized Positioning System™ (OPS).
- Case study review session, led by surgeon faculty including Douglas A. Dennis, MD, Jonathan M. Vigdorchik, MD, Matthew S. Austin, MD, Steven L. Barnett, MD, James I. Huddleston, MD, Andrew J. Shimmin, MD

The session will also introduce the concept of robotic soft tissue balancing in total knee arthroplasty – using the OMNI-Botics technology, led by Jeffrey M. Lawrence, MD.

3:00-5:00 p.m.

Early Adoption to Early Majority: The Movement of Joints From the Inpatient to Outpatient Setting

DePuy Synthes

This symposium features an outpatient talk that covers clinical techniques and technology to advance patient care, as well as a payer discussion.

3:00-5:00 p.m.

Progressive Techniques and Technologies: Transition to Outpatient TJA and a Tourniquet Free TKA

Medtronic

Attendees will hear from provider subject matter experts who have firsthand experience establishing clinical and anesthesia protocols to successfully launch and maintain a successful outpatient total joint program. Industry partners will provide business models supporting efficient and cost-effective tools and systems that support the success of an outpatient program.

3:00-5:00 p.m.

Targeted Orthopaedics: Genetics, Microbiome, Environment and their Impact on PJI

Heraeus Medical LLC

Attendees of this session should come to understand genetic, proteomic, and phenotypic states which increase the likelihood of PJI in adult reconstruction patients. Addition-

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ally, they should understand the latest diagnostic modalities for understanding these states both before surgery and in the presence of active infection as well as how patient-specific understanding of these states can lead to targeted prevention and treatment.

3:00-5:00 pm

**Physician Assistant Specific Symposium –
A Peer to Peer Professional Development Event
DePuy Synthes**

This session will cover the following:

- Maximizing the Value of the PA-C
- Economics surrounding the PA-C
- Is the PA-C designation outdated; should the name be changed?
- Owning your own Professional Development
- Identifying patients at risk from head to toe
- Surgical Skill Advancements for PAs
- Followed by Hands on Cadaveric Lab
(early registration required)

4:00-6:00 p.m.

**ROSA Knee Bioskills Experience – Cadaveric Lab Session
Zimmer Biomet**

This educational event will offer attendees a hands-on cadaveric experience utilizing the ROSA Knee robotic application.

Friday, November 8, 2019

7:30-9:30 a.m.

**OA Symptom Management for Non-Operative and
Non-Optimized Patients; Cooled Radiofrequency Ablation
Avanos**

This symposium will feature a discussion of the clinical outcomes of a non-opioid, minimally-invasive treatment for patients suffering from chronic knee and hip pain. COOLIEF* Cooled Radiofrequency is FDA indicated to treat OA knee pain and provides durable pain relief for up to 12 months.

7:30-9:30 a.m.

**Lowering the Cost of Outpatient Total Joint Replacement
Throughout the Episode of Care**

Zimmer Biomet

Everyone is well aware total joints are moving to the outpatient setting, but does everyone know how to be successful? Attendees will learn about real solutions to manage TJR costs for the outpatient setting through a panel of surgeons currently operating in Ambulatory Surgery Centers.

7:30-9:30 a.m.

**Optimizing Efficiency and Improving Effectiveness with
the Anterior Approach**

DePuy Synthes

We will use this symposium time to educate attendees on the anterior approach, techniques, and technologies designed to help aid in the approach. Topics Include:

- Clinical Data and Patient Outcomes with the Anterior Approach
- Anterior Approach Tips and Pearls
- Restoring Hip Biomechanics
- Improving Effectiveness in the OR

7:30-9:30 a.m.

**Outpatient Total Joints, Clinical Protocols to Business
Processes – A Comprehensive Review**

Medtronic

Attendees will hear from provider subject matter experts who have firsthand experience establishing clinical and anesthesia protocols to successfully launch and maintain a successful outpatient total joint program. Industry partners will provide business models supporting efficient and cost-effective tools and systems that support the success of an outpatient program.

7:30-9:30 a.m.

**Zimmer Biomet Revision Knee Hands – on Educational
Experience**

Join Zimmer Biomet for a morning of education featuring the latest implants and technologies designed to provide solutions for the needs of revision knee patients to alleviate their pain, restore their mobility, and improve the quality of their lives. In addition to having access to hands-on experiences, you will have the opportunity to discuss challenges of revision TKA with our onsite faculty.



INDUSTRY SYMPOSIA PRELIMINARY SCHEDULE CONTINUED

10:00 a.m. - 12:00 p.m.

Breaking Down the Buzz

DJO Surgical

Breaking down the hottest topics and technologies in orthopaedics, this session will bring together leading surgeons and experts to debate and discuss:

- Navigating the Transition to Outpatient Total Joint Arthroplasty: What You Need to be Successful
- The Dangers of Taper Corrosion and How Trunnion Geometry Plays a Role
- Direct Anterior vs. Mini Posterior Approach Debate: Pros and Cons, Technical Considerations Cementless Total Knee Arthroplasty: Is It Time to Make the Switch?
- Natural Knee Stability and Motion: It's About Satisfaction, Not Just Survivorship

10:00 a.m. - 12:00 p.m.

Optimizing Outcomes in Incision and Soft Tissue

Management Utilizing New Technology in

Negative Pressure

KCI

We will explore the latest clinical evidence evaluating closed incision negative pressure therapy (CiNPT) to reduce postoperative complications and the emerging role of negative pressure in improving functional outcomes.

10:00 a.m. - 12:00 p.m.

Optimizing Results in TKA

DePuy Synthes

Topics discussed during this symposium will include:

- Why Knees are Failing in 2019
- How I Avoid Revision
- Fixation in Primary Knees: Cemented vs Cementless
- State of the Art Revision TKA

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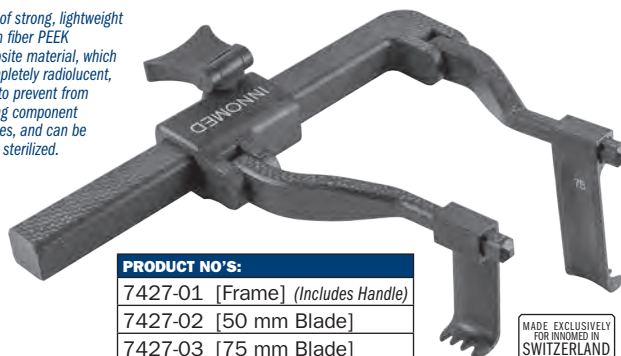
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10:00 a.m.-12:00 p.m.

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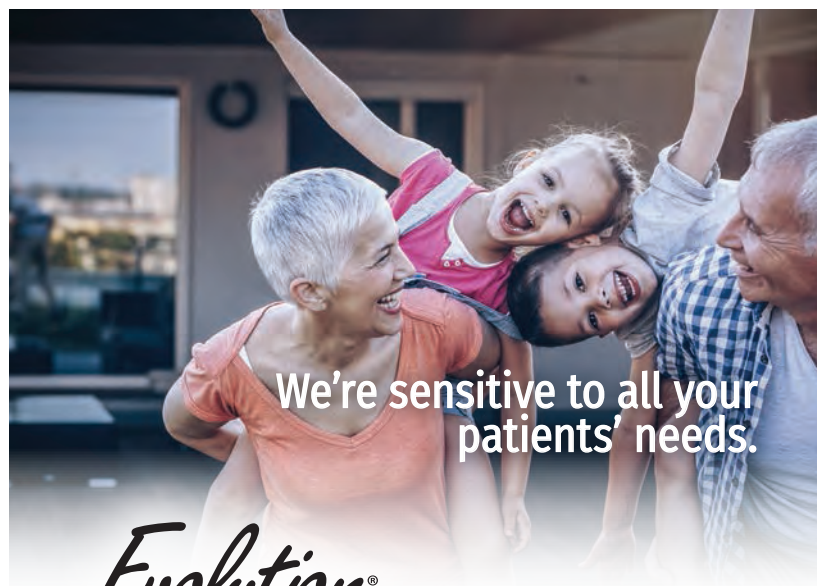
Stryker

Surgeon faculty will highlight the latest clinical data available for Mako Total Knee, Total Hip and Partial Knee. They'll also expand upon the three unique steps of the Mako procedure: CT-based enhanced planning, dynamic joint balancing, and haptic guidance.

10:00 a.m.-12:00 p.m.

Zimmer Biomet Revision Knee Hands-on Educational Experience

Join Zimmer Biomet for a morning of education featuring the latest implants and technologies designed to provide solutions for the needs of revision knee patients to alleviate their pain, restore their mobility, and improve the quality of their lives. In addition to having access to hands-on experiences, you will have the opportunity to discuss challenges of revision TKA with our onsite faculty.



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References

¹ MPO Data on file

² Dennis DA, Komistek RD, Mahfouz MR, Haas BD, Stiehl JB. Multicenter determination of in vivo kinematics after total knee arthroplasty. Clin Orthop Relat Res. 2003



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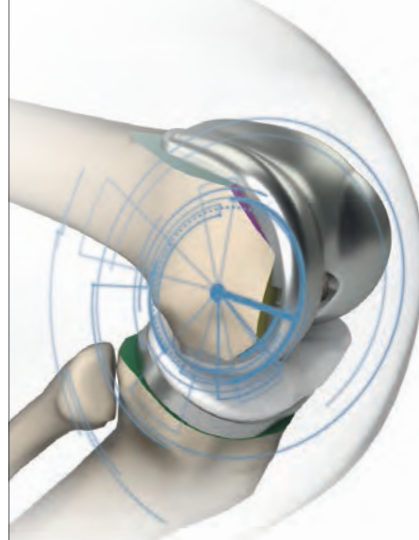
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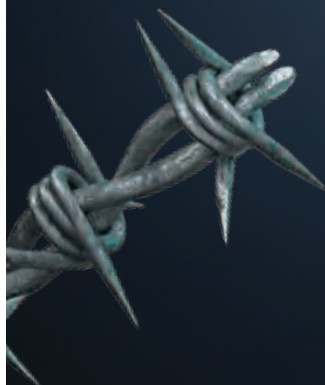
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CeramTec Medical Products

Clarify Health Solutions

Clarix Healthcare

ConforMIS

Consensus Medical Systems, Inc

Consensus Orthopedics

Corentec

Corin USA S

Cura Surgical

Cutting Edge Laser Technologies

CyMedica Orthopedics Inc.

DePuy Synthes PDJO P

Enztec

Elsevier

EOS Imaging BExactech, Inc. S

Firstkind Ltd.

Flexion Therapeutics S

Fusion5

Gauthier Biomedical Inc.

Getinge USA, Inc.

Heraeus Medical LLC S

Heron Therapeutics

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NOVEMBER 7-10, 2019
AAHKS
 ANNUAL MEETING

PEER REVIEWED. PEDDLER INSIGHTS

Innomed, Inc. **B**

Innovative Medical Products, Inc.

Innovative Orthopedic Technologies

Innovative Sterilization Technologies, LLC

Intellijoint Surgical **B**

Joint Purification Systems

KCI an Acelyty Company

Kinamed, Inc.

Kyocera Medical Technologies, Inc. **B**

Life Instrument Corporation

Lima Corporate

LinkBio Corp.

Lipogems USA, LLC

Maxx Orthopedics, Inc. **S**

Medacta **B**

MedEnvision

Medtronic **G**

MicroGen DX

MicroPort Orthopedics, Inc. **S**

Modernizing Medicine, Inc.

Molnlycke Health Care

Muve Health

Myoscience, Inc.

Nadia International, Inc.

Naviswiss AG

Nimbic Systems

OM1

Operating Room Innovations, Inc.

Ortech Data Center Inc.

OrthAlign, Inc. **B**

Ortho Development

OrthoGrid Systems, Inc.

Orthopedic Analysis, LLC

Orthopedics Today

Orthophor, LLC

OSF HealthCare

OsteoRemedies **B**

PatientPop

Radlink

Reflexion Health, Inc.

Reinvent Biologics LLC

Ricochet Nutrition

Robin

Sanara MedTech

Schaerer Medical USA, Inc.

Shukla Medical

SIGHT Medical LLC

Signature Orthopaedics

Smith & Nephew, Inc. **P**

StelKast, Inc.

Stryker **P**

Surgical Specialties

THINK Surgical, Inc. **B**

Thompson Surgical Instruments, Inc.

Tightline Developement

Total Joint Orthopedics **B**

United Orthopedic Corporation (UOC) **B**

United Surgical Partners International **B**

Wolters Kluwer

Xodus Medical, Inc.

Zimmer Biomet **P**

ZipLine Medical, Inc.

ANNUAL MEETING PRELIMINARY PROGRAM

This is an overview of the 2019 AAHKS Annual Meeting to help you plan your travel. Information is subject to change. Visit the Preliminary Program on the AAHKS website or Annual Meeting app as new details are added daily.

Wednesday, November 6, 2019

10:00 a.m. – 5:00 p.m. Exhibit Setup

Thursday, November 7, 2019

6:30 a.m. – 8:00 p.m. Registration

10:00 a.m. – 5:00 p.m. Exhibit Setup

7:30 a.m. – 5:00 p.m. Industry Symposia

Industry symposia are separate from the official program planned by AAHKS and do not offer AMA PRA Category 1 Credit™ unless noted by the sponsor.

1:00 – 5:00 p.m. Poster Setup

4:00 – 5:30 p.m. YAG and International member receptions (by invitation)

5:00 – 7:00 p.m. AAHKS Board of Directors meeting

Friday, November 8, 2019

6:00 a.m. – 7:30 p.m. Registration

6:00 – 8:00 a.m. Breakfast for all attendees

6:00 a.m. – 2:55 p.m. Exhibit Hall/ Learning Center open

6:00 a.m. – 8:00 p.m. AAHKS and Guest Societies Poster Exhibition open

7:00 a.m. – 2:45 p.m. AAHKS Special Courses

7:30 a.m. – 12:00 p.m. Industry Symposia

Industry symposia are separate from the official program planned by AAHKS and do not offer AMA PRA Category 1 Credit™ unless noted by the sponsor.

11:00 a.m. – 1:00 p.m. Lunch for all attendees

12:45 – 2:00 p.m. “Ask the Experts” Case Sessions

2:55 p.m. President’s Welcome to the 2019 AAHKS Annual Meeting

3:00 – 6:30 p.m. AAHKS General Session

6:30 – 8:00 p.m. Exhibit Hall/Learning Center open

6:30 – 8:00 p.m. Reception for all attendees in the Exhibit Hall/Learning Center

6:30 – 8:00 p.m. Women in Arthroplasty Booth Crawl





Saturday, November 9, 2019

- AAHKS 5K Fun Run & 1-Mile Walk
- 5:30 a.m. Check In
- 6:00 a.m. Race Start
- 6:00 a.m. – 7:30 p.m. Registration
- 6:00 – 8:00 a.m. Breakfast for all attendees sponsored by Operation Walk
- 6:00 – 6:50 a.m. AAHKS Committee meetings
- 6:00 a.m. – 8:00 p.m. Exhibit Hall/ Learning Center open
- 6:00 a.m. – 8:00 p.m. AAHKS and Guest Societies Poster Exhibition open
- 6:50 – 6:55 a.m. Program Chair's Welcome to the 2019 AAHKS Annual Meeting
- 6:55 – 7:00 a.m. Operation Walk Update

Industry symposia are separate from the official program planned by AAHKS and do not offer AMA PRA Category 1 Credit™ unless noted by the sponsor.

- 7:00 a.m. – 6:30 p.m. AAHKS General Session
- 6:30 – 8:00 p.m. Poster Award presentations and reception for all attendees

Sunday, November 10, 2019

- 6:00 – 10:00 a.m. Registration
- 6:00 – 7:00 a.m. Breakfast for all attendees
- 6:00 a.m. – 12:00 p.m. AAHKS and Guest Societies Poster Exhibition
- 7:00 a.m. – 12:00 p.m. AAHKS General Session
- 12:00 p.m. Adjourn

Meals

All meals and breaks are included in the Annual Meeting registration.

CME

Participants will be able to claim up to 18 CME credits for this Meeting. Visit www.AAHKS.org/Meeting for complete details.

Here's a Preview of AAHKS Symposia Topics that will be presented during the General Session:

- Multimodal Anesthesia and Analgesia
- The Psychology of Total Joint Arthroplasty
- Impact of Removal of TKA from CMS IPO List
- Simplifying the Hip-Spine Relationship for THA
- Who, When and How to Revise ALTR in THA
- A Practical Case-based Approach to PJI
- Video Demos to Save You During Revision TKAs
- Practice Norms Poll with Dr. Lieberman

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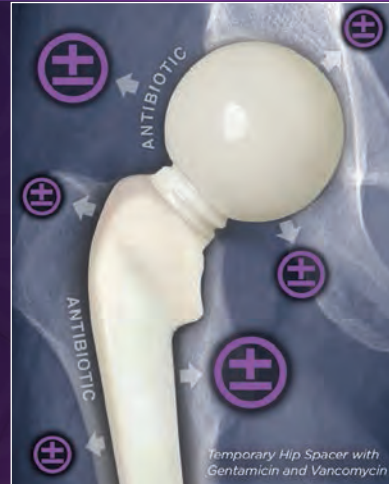
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1. Minelli, E. Bertazzoni, et al., 2011, Anaerobe 17(6): 389-393. 2. Trampuz, A., et al., 2005, Swiss Med Weekly, 135(17-18): 243-51. Review. 3. Watanakunakorn, et al., 1990 Journal of Antimicrobial Chemotherapy 6: 785-791. 4. Watanakunakorn, et al., 1992, Antimicrobial Agents and Chemotherapy, 903-905. 5. For complete data and associated risks reference the REMEDY SPECTRUM™ GV Hip IFU. In a review of 22 patients, clinical effectiveness was defined as the absence of 2 or more positive cultures at the time of reimplantation. Patients should be monitored for ototoxicity and nephrotoxicity while undergoing treatment for PJI, AAHKS



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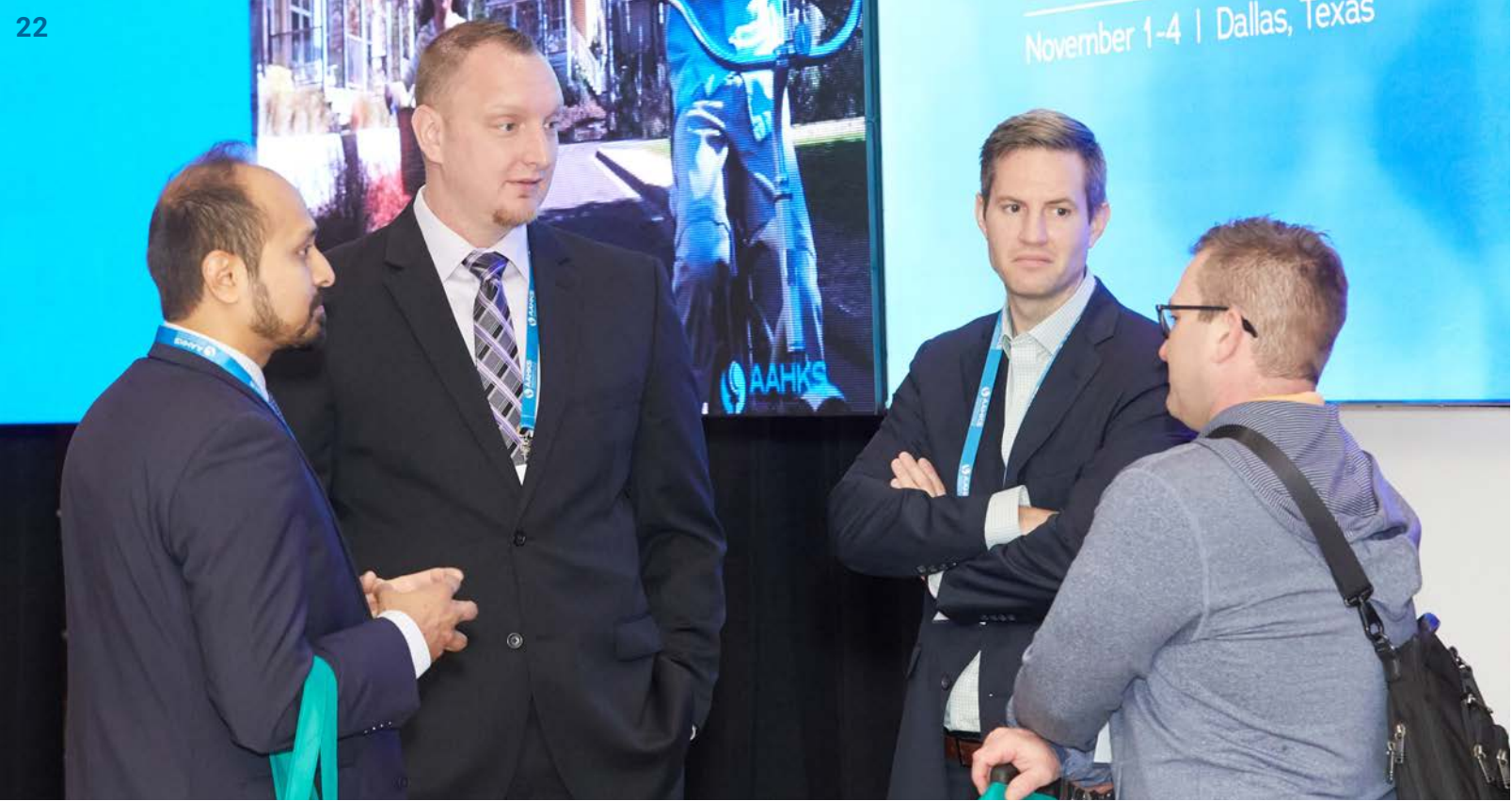
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2. *Meta-Analysis of Navigation vs Conventional Total Knee Arthroplasty Bandar M. Hetaimish, MD, & al, The Journal of Arthroplasty Vol. 27 No. 6 2012 All content herein is protected by copyright, trademarks and other intellectual property rights, as applicable, owned by or licensed to Zimmer Biomet or its affiliates unless otherwise indicated, and must not be redistributed, duplicated or disclosed, in whole or in part, without the express written consent of Zimmer Biomet. This material is intended for health care professionals. Distribution to any other recipient is prohibited. For indications, contraindications, warnings, precautions, potential adverse effects and patient counselling information, see the package insert or contact your local representative; visit www.zimmerbiomet.com for additional product information. Check for country product clearances and reference product specific instructions for use. Not for distribution in France. © 2019 Zimmer Biomet



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1. Mayman DJ, et al. Hospital Related Clinical and Economic Outcomes of a Bicruciate Knee System in Total Knee Arthroplasty Patients. Poster, ISPOR Symposium, 2018. 2. Nodzo SR, et al. Tech Orthop. 2018;33:37-41. 3. Takubo A, et al. J Knee Surg. 2017;30:725-729. 4. Kosse NM, et al. Minor adaptations in implant design bicruciate-substituted total knee system improve maximal flexion. Poster, 2nd World Arthroplasty Congress, 2018. 5. Kaneko T, et al. J Orthop. 2017;14(1):201-206. 6. Grieco TF, et al. J Arthroplasty. 2018;33(2):565-571. 7. Inouchishima T, et al. J Knee Surg. 2018;31(6):568-572. 8. Herry Y, et al. Int Orthop. 2017;41:2265-2271. 9. Batailler C, et al. Improved implant position and lower revision rate with robotic-assisted unicompartmental knee arthroplasty. Poster, ESSKA, 2018. 10. Gregori A, et al. Accuracy of imageless robotically assisted unicompartmental knee arthroplasty. Paper, International Society for Computer Assisted Orthopaedic Surgery, 2015. 11. Gregori A, et al. Handheld precision sculpting tool for unicompartmental knee arthroplasty. A clinical review. Abstract, 15th EFORT Congress, 2014. 12. Smith JR, et al. The accuracy of a robotically-controlled freehand sculpting tool for unicompartmental knee arthroplasty. Abstract, Congress of the International Society of Biomechanics, 2013. 13. Jaramaz B, et al. Accuracy validation of semi-active robotic application for patellofemoral arthroplasty. Paper, International Society for Computer Assisted Orthopaedic Surgery, 2015. 14. Mitra et al. Accuracy Assessment of a Novel Image-Free Handheld Robot for Knee Arthroplasty in Bi-Cruciate Retaining Knee and Total Knee Replacement – A Cadaveric Study. Abstract, World Arthroplasty Congress, 2018. 15. Jaramaz B, et al. EPIC Series in Health Sciences. 2018;2:98-101. 16. Jaramaz B, et al. A Novel Image-Free Handheld Robot For Bi-Cruciate Retaining Knee Arthroplasty. Poster, 19th EFORT Annual Congress, 2018.



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THANK YOU TO VOLUNTEERS

AAHKS would like to thank the Program Committee and Reviewers for lending us their time and talent for the hard work involved in planning the General Session as well as reviewing abstracts and symposia to be presented at the Annual Meeting.

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EARLY BIRD SESSION

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Symposia:
Implementing Successful Commercial Bundles in Outpatient Joint Surgery: A Value-Based Paradigm

Date: Thursday, November 7, 2019

Time: 12:30 p.m. - 2:30 p.m.

This event is not sponsored by or affiliated with AAHKS.

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CALL FOR 2020-2021 HEALTH POLICY FELLOWS

by Nicholas B. Frisch, MD

Healthcare delivery continues to evolve, and as orthopaedic surgeons, our traditional education does little to prepare us for understanding the complexity of change in our healthcare system. The AAHKS Health Policy Fellowship presents a unique opportunity to not only gain exposure to the issues, it also provides a first-hand experience on the ground – working with the leaders in our field to advocate on behalf of the entire arthroplasty community.

I've developed a strong relationship with several other members of the AAHKS community. Throughout this fellowship, I have been amazed at the number of additional opportunities that have been made available through those relationships. I'm finishing my second year in the program and can tell you this has been a defining aspect of my training that has truly shaped the way I'm developing my clinical practice.

AAHKS is accepting applications for the 2020-2021 AAHKS Health Policy Fellowship. Applicants should be currently participating in a joint fellowship or in their first four years



of practice. Send inquiries and applications to Joshua Kerr, Director of Advocacy and International Activities, at jkerr@aahks.org by October 1.

For details about the application requirements, visit www.AAHKS.org

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WIA HITS THE GROUND RUNNING

By Audrey K. Tsao, MD

I am excited to update you on the activities of one of our newest committees, Women in Arthroplasty (WIA). We have established a mentorship program where mentors and mentees can sign up through the WIA page on the AAHKS website. We are also reaching out to other women arthroplasty surgeons who are not members of AAHKS but may be interested in joining. WIA will be collaborating with other women orthopaedic groups, such as the Ruth Jackson Orthopaedic Society (RJOS), to establish strong relationships, work on common goals and encourage research for gender related issues such as cancer-specific questions related to bone cement and fluoroscopy.

JOIN US AT AAHKS 2019!

Booth Crawl for Education and Fun

We will be having a "WIA Booth Crawl" on Friday evening to encourage attendees to exchange ideas and have fun while looking at the tools of the trade in the exhibitor booths. Dr. Jain is spearheading this effort and will be organizing our schedule for this first-time event. We hope to share information and ideas with women who perform and assist in arthroplasty so they can bring these ideas back to their home programs and practices. Please encourage your women residents and fellows, physician assistants, nurses and engineers to also attend. Contact Eileen Lusk, Director of Membership at eileen@aaahks.org to sign up and be assigned to a group which will be hosted by a senior engineer and senior arthroplasty surgeon. Of course, there will be no limit to the fun and comradery for the evening!

WIA Lunch Symposium

The 2nd Annual WIA Lunch Symposium held on Saturday afternoon will be focused on ergonomics in orthopaedics with Rinelda M. Horton, MD and Antonia F. Chen, MD, MBA leading the program. We will be presenting issues and tips on ergonomics in the operating room and clinic in an effort to educate our members on proper body mechanics with an eye to keeping active and increasing longevity of practice in both areas.

We have a strong core of women arthroplasty surgeons who are at the heart of our work effort. I would like to thank these members and volunteers in particular:

- Rina Jain, MD, FRCSC
Mentor program
- Linda I. Suleiman, MD
Research efforts
- Kimberly K. Tucker, MD
Social media
- Amanda D. Marshall-Rodriguez MD,
Cara A. Cipriano MD and Anna Rosenblum MD
Mission statement and joint WIA/RJOS symposia proposals

We continue to seek women who may be interested in volunteering for our group. Visit the WIA page at www.AAHKS.org for more information and to sign up. I look forward to a wonderful upcoming AAHKS Annual Meeting and year!

AVAILABLE IN AUGUST: ONN IMPLANT PRICING GUIDE

The "2019 Hip and Knee Implant Review" published by Orthopedic Network News (ONN) will be available for download for AAHKS members only this month.

The issue features hip and knee implant price comparisons and other arthroplasty topics.

AAHKS makes this issue available to members as a benefit of membership. Members must not share or distribute copies of this issue per our agreement with ONN.

To download the issue, log in to www.AAHKS.org, and click the link in the My Profile section.

NEED TO REINSTATE YOUR MEMBERSHIP?

If you've stopped receiving your JOA subscription, it's possible your AAHKS membership has expired. To reinstate, log in to www.AAHKS.org to rejoin. Once your membership is reinstated, your subscription will resume, and you'll be able to register for the 2019 AAHKS Annual Meeting at the discounted rate.

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St. Vincent Charity Medical Center
Member of The Hip Society
Member of The Knee Society
Lifetime and Founding Member of ISTA



Stefan W. Kreuzer, MD

Orthopedic Surgeon Adult Joint Reconstruction
Founder of Inov8 Healthcare
Founder of Innovative Orthopedic Technologies

OVER 700 ENROLLED IN DUKE UNIVERSITY STUDY

FARE Grant-Funded Perioperative Antibiotic Prophylaxis Study

Thorsten M. Seyler, MD, PhD, FARE Grant recipient, is seeking more institutions to join the Duke University prospective, randomized study, "Perioperative Antibiotic Prophylaxis in Patients Undergoing Elective Total Knee Arthroplasty." The study's goal is to establish level I evidence for single-dose versus 24-hour antibiotic prophylaxis in elective primary total knee arthroplasty and is based on the most recent release of the Centers for Disease Control (CDC) and Prevention Guideline for the Prevention of Surgical Site Infection, 2017. The study will also analyze co-founding factors including antibiotic cement, drain, suture and dressing use.

To date, there are over 700 participants enrolled! Thank you to the following institutions that have joined and are actively enrolling!

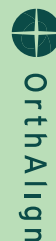
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- Ohio State University
- Rothman Institute
- Sinai Hospital of Baltimore
- Towson Ortho
- University of California - San Francisco
- University of Maryland
- University of Mississippi Medical Center
- University of Pennsylvania
- University of South Carolina
- University of Virginia - Charlottesville
- Western Michigan University

If your institution is interested in joining this study, please contact Chiara Rodgers, AAHKS Research Manager, at crodders@aaahks.org

Visit www.AAHKS.org/FARE for details on the next grant cycle.





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04/2019 00120 Rev A



SPECIAL AAHKS COURSES HELD ON FRIDAY

THE ORTHOPAEDIC TEAM COURSE

Chair: Jeremy M. Gililland, MD

Co-Chair: Denis Nam, MD

Co-Chair: Jana L. Flener, PA

This course will cover the diagnoses and treatments of disorders seen by the orthopaedic team specializing in hip and knee reconstruction. It is designed for the non-physician providers who care for these patients. Expert faculty will present diagnostic and radiographic work-ups as well as review physical exam, office-based procedures and differential diagnoses. Practice types and efficiency will be discussed. The course fee is \$250. Register for this course alone or in combination with the AAHKS Annual Meeting.

CME CREDITS

Participants will be able to claim CME credits for this course. Visit www.AAHKS.org/Meeting for complete details.

THE BUSINESS OF TOTAL JOINT REPLACEMENT

Co-Chairs: Craig J. Della Valle, MD and

Mark I. Froimson, MD, MBA

This course is beneficial for physicians who deal with improving quality, cost reduction, standardization of care and risk. Topics include: leadership, talent development, contracting, negotiation, practices types, marketing and investment. Discussion takes place with faculty after each

session. The course fee is \$350. Register for this course alone or in combination with the AAHKS Annual Meeting.

Participants will be able to claim CME credits for this course. Visit www.AAHKS.org/Meeting for complete details.

THE AAHKS RESIDENT ARTHROPLASTY COURSE

Chair: James I. Huddleston, MD

Co-Chair: Michael J. Taunton, MD

AAHKS selects 140 residents from the United States and Canada who are eligible to participate in this learning opportunity. Course attendees receive free tuition for both the course and the AAHKS Annual Meeting. In addition, AAHKS provides airfare up to \$500, lodging, and meals. The course has already filled; however, if you would like to be added to the waiting list in case of a cancellation, please apply at www.AAHKS.org/Meeting

OITE OPTION

AAHKS is an approved host for the Orthopaedic In-Training Scored and Recorded Examination (OITE) taking place at the AAHKS Annual Meeting on Saturday, November 9, 2019 at the Hilton Anatole.

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