

06th International Conference on Arthroplasty and Orthopedic Surgery 2026

- **Event Date:** June 16–17, 2026
 - **Venue:** Barcelona, Spain
 - **Conference Website:** <https://conferenceminds.com/arthroplasty/>
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About the Conference

The **06th International Conference on Arthroplasty and Orthopedic Surgery 2026** will be held on **June 16–17, 2026 in Barcelona, Spain**, bringing together orthopedic surgeons, arthroplasty specialists, musculoskeletal researchers, rehabilitation experts, biomedical engineers, healthcare professionals, and industry leaders from around the world.

Orthopedic disorders and joint-related conditions continue to be among the leading causes of disability worldwide. Advances in **joint replacement technologies, minimally invasive surgical techniques, biomaterials, regenerative medicine, and digital orthopedic solutions** have dramatically improved patient outcomes in recent decades.

Arthroplasty procedures such as **hip, knee, shoulder, and joint replacement surgeries** are now performed more frequently due to aging populations, sports injuries, trauma, and degenerative diseases like osteoarthritis.

The **International Conference on Arthroplasty and Orthopedic Surgery** provides a **premier global platform** for surgeons, researchers, clinicians, and healthcare innovators to discuss the latest developments in orthopedic surgery and joint replacement technologies.

This two-day international conference will feature a comprehensive scientific program including:

- Plenary lectures by internationally recognized experts
- Keynote presentations on emerging surgical innovations
- Oral and poster presentations showcasing new research
- Workshops and surgical technique demonstrations
- Panel discussions addressing current clinical challenges
- Networking sessions promoting collaboration between academia and industry

The conference aims to **bridge the gap between clinical practice, academic research, and orthopedic technology innovation**, helping to accelerate progress in musculoskeletal healthcare.

Participants will have the opportunity to learn about **next-generation implants, robotic surgery, digital orthopedic tools, rehabilitation strategies, and regenerative approaches** that are shaping the future of arthroplasty and orthopedic medicine.

Conference Theme

“Advancing Joint Replacement and Orthopedic Innovation for Improved Patient Outcomes.”

This theme reflects the growing integration of **clinical expertise, advanced technology, and translational research** in modern orthopedic practice.

Chairperson’s Message

Dear Colleagues and Distinguished Participants,

It is my great pleasure to welcome you to the **06th International Conference on Arthroplasty and Orthopedic Surgery 2026**, taking place on **June 16–17, 2026 in Barcelona, Spain**.

Orthopedic surgery has experienced remarkable progress in recent years. Advances in **joint replacement techniques, implant design, surgical robotics, regenerative medicine, and digital health technologies** have significantly improved patient outcomes and quality of life.

Despite these advances, orthopedic surgeons and researchers continue to face numerous challenges, including:

- Managing complex joint disorders
- Improving implant longevity
- Reducing surgical complications
- Enhancing post-operative recovery
- Addressing the growing demand for joint replacement surgeries

This conference provides a **unique international platform** for surgeons, scientists, and healthcare professionals to exchange knowledge, share research findings, and discuss innovative solutions to these challenges.

The scientific program will include **plenary lectures, keynote sessions, oral and poster presentations, workshops, and expert panel discussions**, covering a wide range of topics related to arthroplasty and orthopedic surgery.

Barcelona, known for its vibrant culture, medical research excellence, and beautiful Mediterranean setting, provides the perfect environment for this global scientific gathering.

We look forward to welcoming you to Barcelona and hope this conference will inspire meaningful collaboration and innovative advancements in orthopedic healthcare.

With warm regards,

Conference Chair

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Conference Objectives

The primary objectives of the conference are:

- Promote innovative research in arthroplasty and orthopedic surgery
 - Provide a global platform for knowledge exchange among orthopedic professionals
 - Encourage collaboration between clinicians, researchers, and medical device industries
 - Explore emerging surgical technologies and implant designs
 - Support professional development and training opportunities
 - Highlight advances in rehabilitation and patient recovery strategies
 - Foster interdisciplinary collaboration in musculoskeletal healthcare
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Conference Highlights

Participants attending the conference will benefit from several professional opportunities:

- Plenary lectures by leading orthopedic surgeons
- Keynote presentations on advanced joint replacement technologies
- Oral and poster presentation sessions
- Surgical workshops and technical demonstrations
- Industry exhibitions featuring orthopedic innovations
- Networking opportunities with global experts
- Awards recognizing outstanding research contributions
- Opportunities to publish research in conference proceedings

Who Should Attend?

This conference welcomes participants from diverse professional backgrounds in orthopedics and musculoskeletal healthcare.

Target audience includes:

- Orthopedic surgeons
- Arthroplasty specialists
- Trauma surgeons
- Sports medicine specialists
- Musculoskeletal researchers
- Biomedical engineers
- Rehabilitation specialists and physiotherapists
- Orthopedic nurses
- Healthcare administrators
- Medical device manufacturers
- Pharmaceutical and biotechnology professionals
- Academic researchers and educators
- Medical students and postgraduate researchers

Key Scientific Themes

The conference will explore a wide range of topics in arthroplasty and orthopedic surgery.

Major scientific themes include:

- Hip replacement surgery and innovations
- Knee arthroplasty techniques
- Shoulder and elbow joint replacement
- Orthopedic trauma surgery
- Sports injuries and ligament reconstruction
- Minimally invasive orthopedic surgery
- Robotic-assisted orthopedic surgery
- Orthopedic biomaterials and implants
- Regenerative medicine and cartilage repair
- Orthopedic biomechanics and prosthesis design
- Infection management in joint replacement
- Orthopedic rehabilitation and physiotherapy
- Artificial intelligence in orthopedic surgery

- Personalized orthopedic medicine
 - Digital health and orthopedic imaging technologies
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Scientific Program Agenda

The conference scientific program has been designed to encourage **interaction, discussion, and knowledge exchange among participants.**

Day 1 – June 16, 2026

Theme: Innovations in Arthroplasty and Joint Replacement

1. Opening Ceremony and Welcome Address
 2. Plenary Lecture – Global Trends in Arthroplasty Surgery
 3. Keynote Address – Advances in Hip Replacement Technologies
 4. Oral Session 1 – Hip Arthroplasty Techniques
 5. Oral Session 2 – Knee Replacement Innovations
 6. Oral Session 3 – Shoulder and Elbow Arthroplasty
 7. Oral Session 4 – Minimally Invasive Orthopedic Surgery
 8. Oral Session 5 – Orthopedic Implant Materials
 9. Oral Session 6 – Surgical Navigation and Robotics
 10. Oral Session 7 – Prosthesis Design and Biomechanics
 11. Oral Session 8 – Orthopedic Trauma Management
 12. Oral Session 9 – Infection Prevention in Arthroplasty
 13. Oral Session 10 – Revision Arthroplasty
 14. Oral Session 11 – Patient-Specific Implants
 15. Oral Session 12 – Digital Imaging and Surgical Planning
 16. Oral Session 13 – Orthopedic Case Studies
 17. Oral Session 14 – Multidisciplinary Orthopedic Care
 18. Oral Session 15 – Rehabilitation After Joint Replacement
 19. Expert Panel Discussion – Future of Arthroplasty Surgery
 20. Day-1 Closing Session
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Day 2 – June 17, 2026

Theme: Future Directions in Orthopedic Surgery and Musculoskeletal Research

1. Keynote Address – Future of Orthopedic Surgery
2. Plenary Lecture – Robotic and AI-Assisted Orthopedic Procedures

3. Oral Session 1 – Sports Medicine and Ligament Reconstruction
 4. Oral Session 2 – Cartilage Repair and Regenerative Medicine
 5. Oral Session 3 – Pediatric Orthopedic Surgery
 6. Oral Session 4 – Spine Surgery and Innovations
 7. Oral Session 5 – Orthopedic Oncology
 8. Oral Session 6 – Orthopedic Imaging and Diagnostics
 9. Oral Session 7 – Digital Orthopedics and Telemedicine
 10. Oral Session 8 – Orthopedic Rehabilitation Techniques
 11. Oral Session 9 – Biomechanics and Motion Analysis
 12. Oral Session 10 – AI Applications in Orthopedic Surgery
 13. Oral Session 11 – Healthcare Economics in Orthopedics
 14. Oral Session 12 – Orthopedic Education and Training
 15. Oral Session 13 – Global Orthopedic Health Challenges
 16. Oral Session 14 – Emerging Technologies in Arthroplasty
 17. Oral Session 15 – Young Researchers Forum
 18. Poster Presentations and Exhibition Interactions
 19. Awards Ceremony
 20. Closing Ceremony
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Abstract Submission Guidelines

Researchers wishing to present their work must submit abstracts according to the following format.

Language: English

Word Limit: 250–300 words

File Format: MS Word (.doc or .docx)

Font: Times New Roman

Font Size: 11 pt

Spacing: Single

Abstract Structure

- Title
 - Author(s) and affiliation(s)
 - Corresponding author email
 - Background / Objective
 - Methods
 - Results
 - Conclusion
 - Keywords (3–5)
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Conference Awards

The conference will recognize outstanding research contributions through several prestigious awards.

- Best Oral Presentation Award
- Best Poster Presentation Award
- Young Researcher Award
- Excellence in Orthopedic Surgery Award
- Innovation in Arthroplasty Technology Award

Award recipients will receive certificates and recognition during the closing ceremony.

Accommodation and Hospitality

Accommodation arrangements will be provided in **selected partner hotels near the conference venue in Barcelona.**

Partner hotels offer:

- Comfortable business-class rooms
 - Professional hospitality services
 - Easy access to the conference venue
 - International hotel standards
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Check-In and Check-Out

Package A – Registration + Two Nights Accommodation

Check-in: One day prior to the conference

Check-out: After the final conference day

Package B – Registration + Three Nights Accommodation

Check-in: Two days prior to the conference

Check-out: After the final conference day

Hotel details will be shared with registered participants before arrival.

Meals and Refreshments

Participants will receive:

- Daily breakfast at the hotel
 - Conference lunch during event days
 - Coffee breaks and refreshments
 - Networking reception refreshments
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Networking and Collaboration Activities

The conference will include several networking opportunities designed to encourage collaboration.

Networking activities include:

- Meet-the-expert discussions
 - Industry-academia collaboration forums
 - Young researcher mentoring sessions
 - Professional networking breaks
 - Partnership meetings
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Exhibition and Sponsorship Opportunities

The conference provides opportunities for orthopedic companies and organizations to showcase innovations.

Exhibition Booths

- Standard and premium exhibition booths
- Dedicated exhibition and poster interaction areas
- Direct engagement with international delegates

Corporate Presentations

- Product demonstrations
- Medical device showcases
- Technology presentations

Sponsorship Packages

- Platinum Sponsorship
 - Gold Sponsorship
 - Silver Sponsorship
 - Customized sponsorship opportunities
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Registration Details

Speaker Registration – +£790

Visitor Registration – +£775

Package A (Registration + Two Nights Accommodation) – +£879

Package B (Registration + Three Nights Accommodation) – +£1,097

Virtual Presentation – +£589

Poster Presentation – +£669

Workshop Participation – +£689

Registration Benefits

Registered participants will receive:

- Full access to conference sessions
 - Conference kit and program handbook
 - Participation and speaker certificates
 - Networking and exhibition access
 - Meals and refreshments during the conference
 - Accommodation (depending on selected package)
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Conference Venue – Barcelona, Spain

The **06th International Conference on Arthroplasty and Orthopedic Surgery 2026** will be hosted in **Barcelona, Spain**, one of Europe's most dynamic cities for medical research, innovation, and international conferences.

The conference venue features:

- Modern conference halls
- Advanced audiovisual presentation systems
- High-speed internet connectivity
- Dedicated networking and exhibition spaces
- On-site registration and hospitality desk
- Catering areas for coffee breaks and lunches

Barcelona also offers a rich cultural experience. Participants will have the opportunity to explore famous landmarks such as:

- Sagrada Familia
- Park Güell
- La Rambla
- Gothic Quarter
- Barceloneta Beach

The city provides the perfect combination of **scientific engagement, cultural discovery, and professional networking.**

Organizer and Contact Information

ConferenceMinds

Address

201 N. Union St., Suite 110
Alexandria, VA 22314
USA

WhatsApp

+1 409-359-2884

Email

contact@conferenceminds.com
contact@conferenceminds.space

Conference Website

<https://conferenceminds.com/arthroplasty/>