

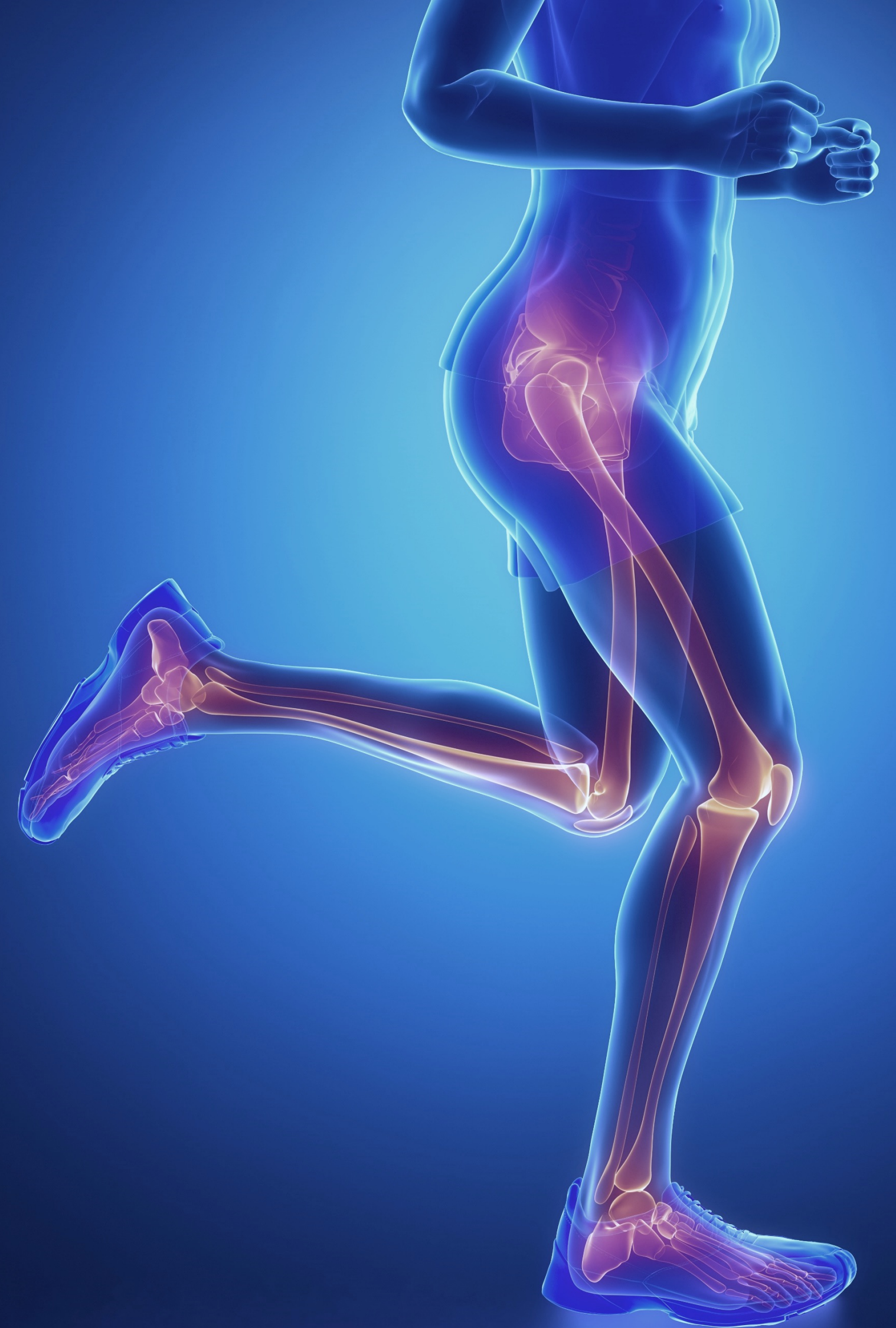
# Conquering Joint Pain with Robotic Precision and Surgical Excellence



**PALM BEACH GARDENS  
MEDICAL CENTER**

PALM BEACH HEALTH NETWORK

**Stronger Together. For You.**





Stronger Together. For You.

## Facility Highlights

- Serving the Community Since 1968
- Performed the First Open Heart Surgery in Palm Beach County
- Top 10% in the Nation
  - Cardiac Surgery (2023)
  - Pulmonary Services (2024)
- Offering Some of the Shortest ER Wait Times in the Area
- Over \$15 Million in Enhancements Planned for 2025



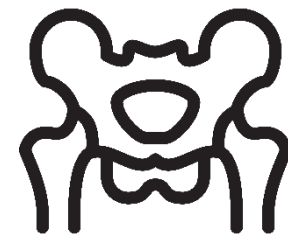


# Our Services

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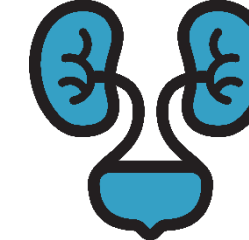
Comprehensive Cardiac  
Care



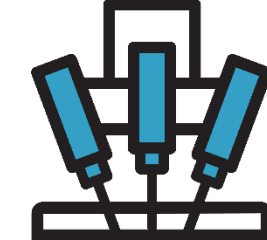
Orthopedics & Joint  
Replacement



Neurosurgery



Urology



General & Robotic  
Surgery



Emergency Services



Outpatient Rehab  
Center



Cardiac & Pulmonary  
Rehab



Advanced Certified  
Primary Stroke Center



Diagnostic Imaging



## Robert J. Avino, MD

- Board Certified Orthopaedic Surgeon
- Fellowship Trained in Adult Hip & Knee Reconstruction
- Specialist in Robotic Hip & Knee Replacement Surgery
- Performing High Volume Same Day Joint Replacement
- Proud Member of the PBGMC Governing Board





# Total Joint Replacement Program

- Surgical Capabilities
- Advanced Robotic Technology
- Comprehensive Care
  - Pre-Operative Anesthesia Testing
  - Specialized Nursing
  - Dedicated OR teams
- Same Day Discharge
- Achievements



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# Surgical Capabilities

- Robotic Technology
- Anterior Hip Replacement
- Partial Knee Replacement
- Complex Primary & Revision
- Hip Fracture Protocols
- Non-Opioid Pain Control
- Advanced Age
- Regional Anesthesia

# First & Only Hospital in Palm Beach County to Acquire Two Mako SmartRobotic Systems



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# What is Mako SmartRobotics™?

## 1 Mako System



## 3 Applications



Mako **Total Hip**



Mako **Total Knee**



Mako **Partial Knee**

## Mako camera stand



## Mako guidance cart





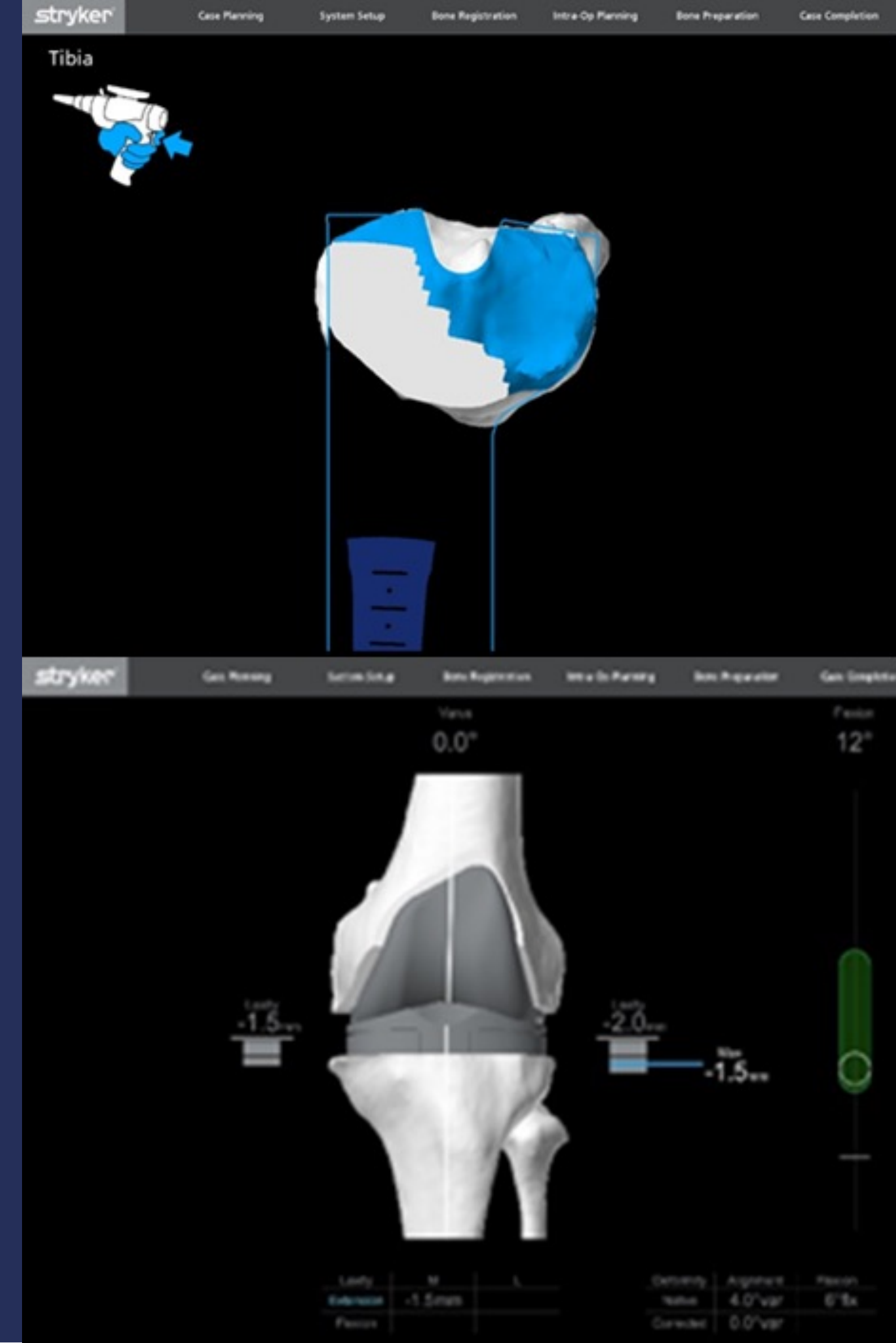
# CT-Based Preoperative Planning





# Haptic Technology and Dynamic Balancing

- More Information Intra-op
- More Precise
- More Natural
- Less Soft Tissue Damage
- Less Bone Removal
- Less Bleeding





# Personalized surgical experience





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# Robotic Clinical Success

- Enhanced Socket Placement
- Reduced Dislocation Rates
- Highest Forgotten Joint Score
- Less Opioid Analgesics
- Less Time In The Hospital
- Lower Revision Rates
- Less Manipulations Under Anesthesia



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# Comprehensive Pre-Operative Care

## “One-Stop Shop”

- Pre-operative Testing
  - Blood Work
  - XR
  - EKG
  - Anesthesia Evaluation
  - CT Scan
- One-on-One Joint Replacement Class with Orthopedic Nurse Navigator







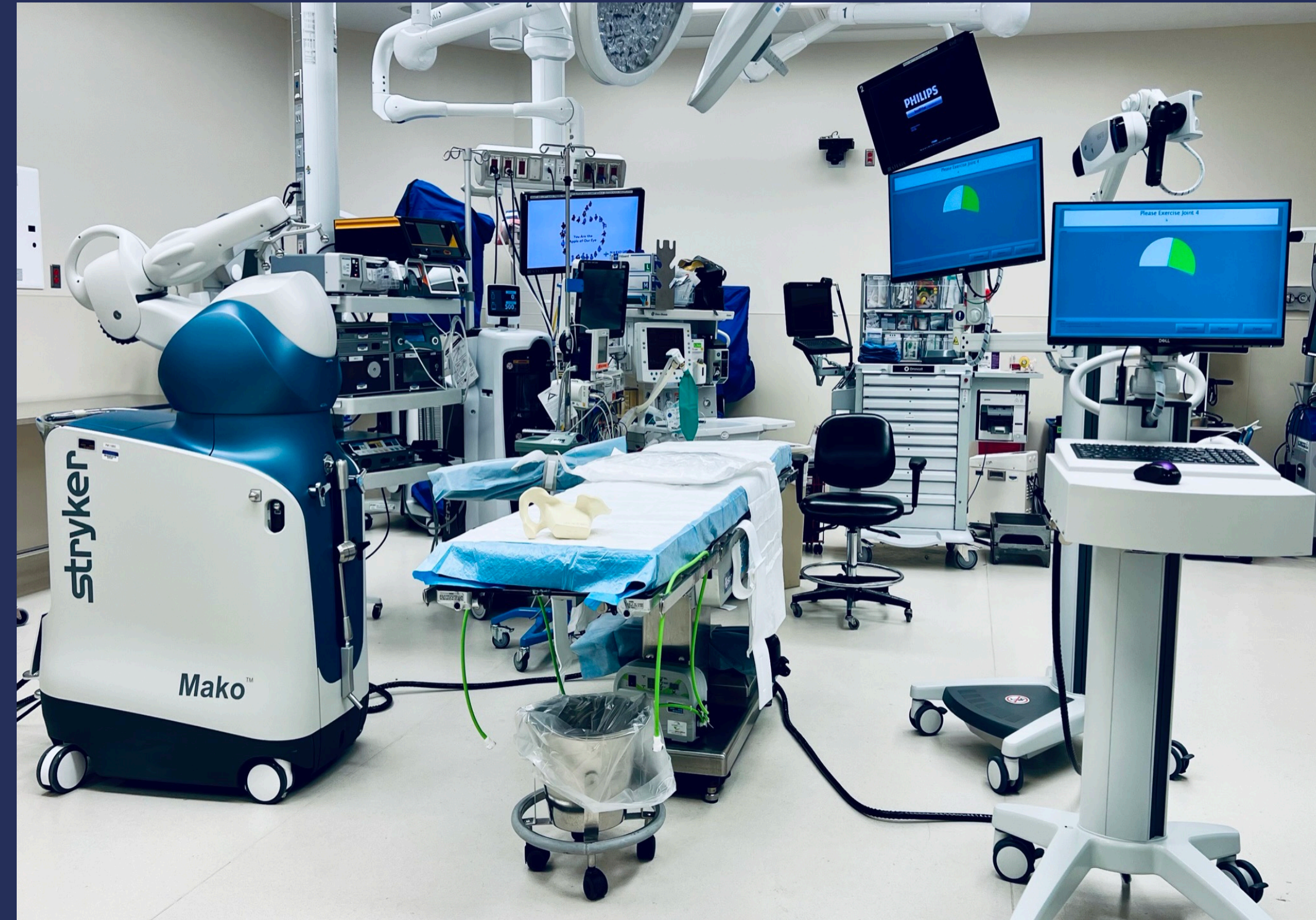
# Specialized in Total Joint Replacement

- Experienced Nursing
- Guideline & Protocol Driven
- Orthopedic Navigator
- Cardiac Anesthesia
- Focused OR Team
- Physical Therapy
- Dedicated Orthopedic Unit



# Robotic Joint Replacement Program

- Less Invasive
- Better Outcomes
- More Complex Surgery
- Less Pain
- Quicker Return To Activities
- Consistent Quality
- Happier Surgeons & Staff





Stronger Together. For You.

# Now Offering Same Day Discharge

- Continuity of Care
  - Pre Admission Testing (PAT)
  - Pre-Op
  - PACU
  - Phase II
- Regional Anesthesia
- Advanced Technology
- In-House Physical Therapy
- Discharge Home 2-4 Hours After Surgery





# Orthopedic Achievements

- The Joint Commission's Gold Seal of Approval® for Hip and Knee Replacement
- Blue Distinction® Center+ Designation for Quality and Cost-Efficiency in Knee and Hip Replacement Surgeries by Blue Cross and Blue Shield
- Aetna Institute of Quality Orthopedic Facility for Total Joint Replacement and Spine Surgery
- 2023 Five-Star Recipient for Back and Neck Surgery by Healthgrades



Coming Soon: Celebrating our 1,000<sup>th</sup>  
Mako SmartRobotics Surgery

