

## Curriculum Vitae

### **SHANE L. MARTIN, M.D.**

Director, The Joint Replacement Center of Scottsdale  
Founder, Scottsdale Center for Robotic Surgery

20401 N 73rd St, Suite 160  
Scottsdale, AZ 85255

*January 2025*

### **EDUCATION**

1991-95 Bachelor of Science (**BS**), Juniata College, PA  
1996-00 Doctor of Medicine (**MD**), Georgetown University, Washington D.C.

## **PROFESSIONAL EXPERIENCE**

1995-96	Research Fellowship, Department of Anesthesia, Harvard Medical School, Boston MA
2000-05	Residency in Orthopaedic Surgery, University of Cincinnati, OH
2005-06	Fellowship in Adult Reconstruction, Institute for Bone and Joint Disorders, Phoenix, AZ
2006-10	Clinician, Phoenix Orthopaedic Consultants, Glendale, AZ
2010-12	Clinical Preceptor, Orthopedic PT Residency Program, AT Still University, AZ
2010-15	Clinician, OrthoArizona, Phoenix, AZ
2012-2015	Clinical Preceptor, PA Program, Midwestern University, Glendale, AZ
2012-2015	Faculty, AT Still University Residency Program
2014-2023	Medical Director, SurgCenter of Greater Phoenix
2014-Present	Faculty, Stryker Medical Education
2015-Present	Chairman, Greater Phoenix Orthopedics, Scottsdale, AZ
2020-Present	Founder, Scottsdale Center for Robotic Surgery
2021-Present	Director, The Joint Replacement Center of Scottsdale

## **COMMITTEE APPOINTMENTS**

1999-00	Committee on Admissions, Georgetown University School of Medicine, Washington D.C.
2001	Resident Advisory Committee, Dept of Orthopaedic Surgery, UC
2002-05	Resident Selection Committee, Dept of Orthopaedic Surgery, UC
2006	HYALGAN COAT Advisory Panel
2007-08	Quality and Assurance Committee, OrthoArizona
2008-10	Physician Leadership Committee, Arrowhead Hospital, Glendale AZ
2015-24	Med Exec Committee, SurgCenter of Greater Phoenix
2021-Present	Med Exec Committee, Scottsdale Center for Robotic Surgery

## **MEDICAL LICENSURE**

Ohio 84284  
Arizona ME34339

## **CERTIFICATION**

2000	Advanced Cardiac Life Support (ACLS), Cincinnati, OH
2001	'AO ASIF'-Principals Course, Davos, Switzerland
2002	Musculoskeletal Pathology Course, University of Florida
2006	MIS and Computer-Assisted Navigation Techniques, Phoenix, AZ
2008	Fellow, American Academy of Orthopaedic Surgery
2008	Diplomat of American Board of Orthopaedic Surgery
2012	MAKOplasty Bioskills Course, Phoenix, AZ
2013	MAKOplasty Surgeon Masters Course, Napa Valley, CA
2017	Adult Reconstruction Recertification, ABOS

## **HONORS / AWARDS**

2006-15	Order of Merit for Distinguished Philanthropy, Orthopaedic Research and Education Foundation
2013-14	Patients' Choice Award
2013-14	Compassionate Doctor Recognition
2021-24	AZ Top Docs

## **FUNDED RESEARCH**

1996	Species specific action of C5a induced porcine neutrophil (PMN) function. Martin SL, and Stahl FL. FASEB J. (abstract)
------	--

- 1996 C5a induced thromboxane production is dependent of neutrophil and platelet concentrations. Martin SL and Stahl GL. Molecular Immunol. (abstract)
- 1997 Stahl GL, Morse DS, Martin SL. Eicosanoid production from porcine neutrophils and platelets: differential production with various agonists. Am J Physiol 1997;272(6 Pt 1):C1821–C1828.

## **PROFESSIONAL MEMBERSHIPS**

Fellow of American Academy of Orthopaedic Surgeons (AAOS)  
American Board of Orthopaedic Surgeons (ABOS)  
American Association of Hip and Knee Surgeons (AAHKS)  
Western Orthopaedic Association  
Maricopa County Medical Society  
Freiberg Society

## **SELECTED PRESENTATIONS**

### **International Meetings**

- 2014 Robotic-Assisted Hip Replacement: Avoiding Complications. XVIII Congreso Regional Mexico, Centroamerica y el Caribe, SLOAT 2014
- 2014 Robotic-Assisted Knee Replacement: Improving Outcomes. XVIII Congreso Regional Mexico, Centroamerica y el Caribe, SLOAT 2014

## **Regional Meetings**

- |      |  |
|------|--|
| 2005 | Thromboembolism: Current Concepts. Basic Science Lecture   |
| 2005 | Calcaneal Fractures: Past, Present, and Future. Orthopedic Surgery Grand Rounds  |
| 2004 | Improved analgesia with intraarticular injection of bupivacaine in total hip arthroplasty. Martin SL and Kirk P. Senior Thesis |
| 2004 | Upper Extremity Anatomic Review. Anatomy Lecture Series  |
| 2003 | Fracture/Dislocation of the PIP Joint. Cincinnati Hand Surgery Specialists Resident Presentation                               |
| 2003 | Ulnar Collateral Ligament Injury in the Throwing Athlete. Orthopedic Surgery Grand Rounds.                                     |
| 2002 | Bioabsorbable Implants in Orthopedics. Past, Present, and Future. Orthopedic Grand Rounds.                                     |

## **PRODUCT DEVELOPMENT**

- |      |   |
|------|---|
| 2014 | Stryker MAKO Cementless Validation Lab, Fort Lauderdale, FL |
| 2015 | Stryker TKA Development Lab, Fort Lauderdale, FL            |
| 2021 | Stryker TKA 2.0 Validation Lab, Fort Lauderdale, FL         |
| 2022 | Stryker MAKO 2.0 Development Lab, Fort Lauderdale, FL       |
| 2024 | Stryker MAKO 3.5 Validation Lab, Fort Lauderdale, FL        |

## **CME**

2024	Park City Hip & Knee Symposium, PC, UT
2023	Park City Hip & Knee Symposium, PC, UT
2022	American Association of Hip and Knee Surgeons, virtual
2022	American Academy of Orthopedic Surgeons, virtual
2021	American Association of Hip and Knee Surgeons, virtual
2021	American Academy of Orthopedic Surgeons, virtual
2020	American Association of Hip and Knee Surgeons, Dallas, TX
2020	American Academy of Orthopedic Surgeons, virtual
2019	American Association of Hip and Knee Surgeons, Dallas, TX
2019	American Academy of Orthopaedic Surgeons, Las Vegas, NV
2018	American Association of Hip and Knee Surgeons, Dallas, TX
2017	ABOS Adult Reconstruction Recertification
2017	American Association of Hip and Knee Surgeons, Dallas, TX
2014	AAOS, Workers' Compensation Course, Las Vegas, NV
2013	VuMedi , Annual Meeting, San Francisco, CA
2013	American Association of Hip and Knee Surgeons, Dallas, TX
2013	Western Orthopaedic Association, Lake Tahoe, CA
2011	American Association of Hip and Knee Surgeons, Dallas, TX
2011	American Academy of Orthopaedic Surgeons, San Diego, CA
2010	American Association of Hip and Knee Surgeons, Dallas, TX
2008	Midwestern University Tumor Board Conference Series
2008	American Association of Hip and Knee Surgeons, Dallas, TX
2005	From Fundamentals to Controversies...A Hip and Knee Symposium for Orthopaedic Residents, Scottsdale, AZ
2004	American Academy of Orthopaedic Surgeons, San Francisco, CA
2003	8 <sup>th</sup> Annual Residents Symposium, Denver, CO
2003	Surgery Symposium: Hip and Knee Reconstruction, Phoenix, AZ