

DEPARTMENT OF ORTHOPAEDIC SURGERY

UT Southwestern Orthopaedic Journal
2021–2022

Message From the Chair



The Department of Orthopaedic Surgery is pleased to publish this sixth edition of the *UT Southwestern Orthopaedic Journal*. This issue was made possible with the assistance of marketing specialist Marilyn Clark.

As the 2021-22 academic year drew to a close, we celebrated the achievements of the residents graduating in the class of 2022 with an awards banquet and the Charles F. Gregory Memorial Lectureship that followed the next day. We were fortunate to have Valerae Lewis, M.D., as our Dr. Charles F. Gregory Visiting Professor. Dr. Lewis is Professor and Chair of Orthopaedic Oncology at the University of Texas MD Anderson Cancer Center in Houston. She is a strong advocate of education and, as such, serves on many societal boards in orthopaedic surgery.

Over the course of this year, the department has continued to grow in size, including nine new faculty since 2021 and several new staff members. It has also been an exciting time in the department as we have advanced in our commitment to excellence in research.

UT Southwestern Orthopaedic Surgery was ranked 27 in NIH funding, thanks to Harry Kim, M.D.; Carol Wise, Ph.D.; and Metin Yavuz, Ph.D.

Also this year, we held the UT Southwestern Orthopaedic Trauma Symposium orchestrated by Adam Starr, M.D., thanks to the endowment received the year before from the Hansjörg Wyss Medical Foundation. This event was held in Dallas and featured guest speakers from around the world discussing orthopaedic case studies. We are proud of Dr. Starr and his group for putting together this event. The next Hansjörg Wyss Symposium, focusing on geriatric fracture, will be held June 2-3, 2023, right on the UT Southwestern campus.

U.S. News & World Report has repeatedly recognized Scottish Rite's achievements, consistently ranking the institution, in conjunction with Children's Health, among the premier pediatric orthopaedic facilities in the United States. This year, Scottish Rite for Children was nationally ranked third in Pediatric Orthopaedics by the publication, making Scottish Rite the best pediatric orthopaedic provider in the Southwest.

This journal captures the themes of collaboration, passion, and excellence that we've seen in UT Southwestern's Orthopaedic Surgery program. We're not done yet, and we won't stop in our quest to become the first choice in orthopaedic care in the Metroplex and beyond.

Sincerely,

Dane K. Wukich, M.D.

Professor and Chair, Department of Orthopaedic Surgery

Holder of the Dr. Charles F. Gregory Distinguished Chair in Orthopaedic Surgery

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Orthopaedic Surgery Program

Over the course of five years, the Department of Orthopaedic Surgery at UT Southwestern affords residents a comprehensive combination of patient care, research opportunities, and didactics. This experience extends to multiple hospitals and surgical centers throughout Dallas, many of which have received national recognition for their service to patients and to the field of orthopaedic surgery.

Orthopaedic surgery continues to be one of the most sought-after training programs for graduating U.S. medical students. This year, more than 1,000 medical students applied to the UT Southwestern Department of Orthopaedic Surgery program, and roughly 100 students interviewed virtually. Applications for fourth-year “subinternships” have also become more competitive. According to Doximity’s ranking of residency programs by reputation, the UT Southwestern Orthopaedic Surgery program is the top-ranked program in Texas.

Every Wednesday morning, residents, faculty, ancillary staff, and medical students gather for the Chief’s Conference and Lecture. The purpose of the program is to provide a forum to review and evaluate issues encountered by today’s physicians in surgical case scenarios. In addition to lectures from orthopaedic faculty and other UTSW departments, visiting professors from other medical centers around the country offer a diverse, evidence-based perspective on modern orthopaedics. This is followed by presentations of select surgical cases that reflect our complex patient population and a broad spectrum of subspecialty coverage. In addition, a bimonthly Quality Assurance and Safety conference offers insight into how to avoid and manage the myriad complications that one can encounter while practicing orthopaedic surgery.

Boundless efforts are put forth by faculty and residents alike to provide a year-round curriculum of enriching experiences, including journal clubs, in-training exam reviews, anatomy labs, and surgical skill labs.

UT Southwestern Medical Center

UTSW has one university hospital: William P. Clements Jr. University Hospital (CUH) opened in December 2014 and was expanded in December 2020 as the centerpiece of UT Southwestern’s main campus. Together with the hospital’s Zale Lipshy Pavilion, the 875-bed facility includes 124 adult ICU rooms, 63 emergency treatment rooms, 56 operating rooms, 42 inpatient rehab beds, 30 neonatal ICU rooms, 30 women’s services suites, 23 inpatient psychiatric beds, 15 infusion rooms, and two nuclear medicine rooms, and it is a Joint Commission-certified Advanced Comprehensive Stroke Center. Surgical cases requiring cardiac and/or pulmonary intensive care are performed at CUH. Outpatient cases are performed at the Outpatient Surgery Center (OSC), a modern, efficient surgical center within a mile of both CUH and Zale. Residents gain exposure to hip, knee, shoulder, hand, spine, foot and ankle, trauma, and sports cases at these facilities.

Parkland Memorial Hospital (Parkland Health & Hospital System)

Parkland Memorial Hospital has gone through many phases throughout its service to Dallas County. It began as a wooden structure on Oak Lawn and Maple avenues in 1894. The facilities then moved a mile away from its original site to Harry Hines Boulevard in 1954. On August 20, 2015, the current \$1.3 billion, 17-story, 862-bed facility at 5200 Harry Hines Boulevard opened its doors. It remains one of the busiest Level 1 trauma centers in the United States, admitting more than 7,500 trauma patients each year, many of whom have orthopaedic injuries. The clinical volume and pathology at Parkland provide an excellent education for residents. In addition to the heavy trauma load they experience, junior and senior residents manage joint reconstruction, hand, spine, sports, and oncology cases. In July 2022, the former Parkland Memorial Hospital building closed its doors. The structure operated for more than 60 years in the city of Dallas. It was a staple to the campus and filled with history. The demolition will have a 24-month process for removal. Construction will then commence on an administration tower that will be occupied by current Parkland staff.



Clements University Hospital

Scottish Rite for Children

During their PGY-3 year, orthopaedic residents have the unique opportunity to spend time at the world-renowned Scottish Rite for Children. Over a six-month period, residents perform surgical cases and see pathology in clinics that residents at other programs might only read about in textbooks. Scottish Rite for Children has more than 35,000 clinic visits every year – many of which are from international patients who have traveled great distances to see leaders in the field of medicine. The hospital treats children with orthopaedic conditions such as scoliosis, clubfoot, hand disorders, hip disorders, and limb length discrepancies, as well as neurological disorders.

Children’s Medical Center Dallas (Children’s Health)

Children’s Health is a private, not-for-profit system that is one of the largest pediatric care providers in the United States. Children’s Medical Center Dallas is its flagship hospital. It was also the first Level 1 pediatric trauma center in Dallas. More than 800,000 patients are seen at Children’s and their affiliated locations throughout the Metroplex every year. Because of this volume, residents at the PGY-1, -2, and -3 levels become experts at the surgical and nonoperative treatment of pediatric orthopaedic trauma while rotating here. They are supported by a dedicated team of pediatric orthopaedic surgeons and other health care providers.

Dallas Veterans Affairs Medical Center (VA North Texas Health Care System)

The VA North Texas Health Care System is the second-largest VA system in the nation. The Dallas VA Medical Center has proudly cared for America’s veterans for more than half a century. Residents rotate through the VA as PGY-3, -4, and -5s. The growing population of veterans offers encounters with patients across a wide range of ages. In the same clinic, a resident might take care of an 18-year-old Marine with an ACL rupture or a 95-year-old WWII vet with hip arthritis. Residents are expected to apply knowledge of a variegated spectrum of orthopaedic maladies in the clinic, operating room, and wards.

U.S. News & World Report ranked UTSW the #1 hospital - again - and rated our orthopaedic care as High Performing.



UT Southwestern’s orthopaedic care earned High Performing recognition from *U.S. News & World Report* for 2022-2023, placing us among the country’s leading hospitals for the treatment of orthopaedic injuries and conditions.



In the 2022-2023 listings, UT Southwestern was ranked the No. 1 Best Hospital in Dallas-Fort Worth and the No. 2 Best Hospital in Texas for the sixth year in a row.

New Zealand Rotation

For the past five years, the Department of Orthopaedic Surgery has offered senior residents a three-month orthopaedic surgery rotation in Auckland, New Zealand.



Auckland City Hospital is the major tertiary referral hospital in Auckland, New Zealand, providing services to the population of central Auckland as well as serving as a regional and national referral center for many specialist services. Seventeen orthopaedic surgeons in the Orthopaedic Department provide a comprehensive range of orthopaedic services, and the department is an integral part of the Regional Trauma Service. In association with the Starship Hospital Paediatric Orthopaedic Department on the same campus, there is a commitment to training orthopaedic residents who rotate through the service as part of the New Zealand Orthopaedic Training Program. Fellowship programs are available in trauma, spinal surgery, and arthroplasty. The orthopaedic surgeons at Auckland City Hospital, under the leadership of Dr. Stuart McCowan, have embraced the opportunity to have UT Southwestern residents rotate through the orthopaedic service at the hospital.



Starship Children's Hospital is New Zealand's only tertiary-level children's hospital and, therefore, serves all of New Zealand and many areas of the South Pacific. There are 12 surgeons in the children's orthopaedic department. In addition to a busy acute trauma load, there is also a very high rate of musculoskeletal infections, exposing residents to a broad range of acute orthopaedics. Staff surgeons cover the full range of subspecialty pediatric orthopaedic practice and, in doing so, offer residents the opportunity to be exposed to a wide variety of elective children's orthopaedics. UT Southwestern residents work alongside New Zealand residents and have the chance to collaborate with three fellows, some of whom are international fellows. This adds to the breadth and variety of residents' learning experiences at Starship Children's Hospital.

Breann Tisano (left) and Kendall Anigian



Tyler Youngman and Audrey Youngman



Garrett Rinehart and Dustin Rinehart



Breann Tisano (in red pants) and Kendall Anigian



From left: Kendall Anigian, Paul Swann, Audrey Youngman, Tyler Youngman

Orthopaedic Surgery Faculty



Dane K. Wukich, M.D.
Professor and Chairman



Edward Arrington, M.D.
Clinical Associate Professor



Robert L. Bass, M.D.
Associate Professor



Georges Bounajem, M.D.
Assistant Professor



Alison Cabrera, M.D.
Assistant Professor



Senthil Sambandam, M.D.
Assistant Professor



Drew T. Sanders, M.D.
Associate Professor



Ashoke K. Sathy, M.D.
Associate Professor



Timothy G. Schacherer, M.D.
Professor



Jay P. Shah, M.D.
Assistant Professor



Alexandra Callan, M.D.
Assistant Professor



Douglas Dickson, M.D.
Assistant Professor



Kevin Gill, M.D.
Professor



Ann S. Golden, M.D.
Associate Professor



Ishvinder Grewal, M.D.
Assistant Professor



Steven B. Singleton, M.D.
Assistant Professor



Megan Sorich, D.O.
Assistant Professor



Adam J. Starr, M.D.
Professor



David C. Tietze, M.D.
Assistant Professor



David Truong, M.D.
Assistant Professor



Paula Hernandez, Ph.D.
Instructor, Research



Michael H. Huo, M.D.
Professor



Matthew Johnson, D.P.M.
Assistant Professor



Michael S. Khazzam, M.D.
Associate Professor



Daniel Koehler, M.D.
Assistant Professor



Michael Van Hal, M.D.
Assistant Professor



Michael D. VanPelt, D.P.M.
Associate Professor



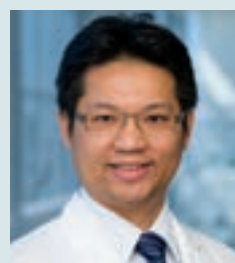
Shaleen Vira, M.D.
Assistant Professor



Sharon Walton, M.D.
Assistant Professor



Robert Weinschenk, M.D.
Assistant Professor



Yen-Shen Lin, Ph.D.
Assistant Professor, Research



George T. Liu, D.P.M.
Associate Professor



Kshitij "KJ" Manchanda, M.D.
Assistant Professor



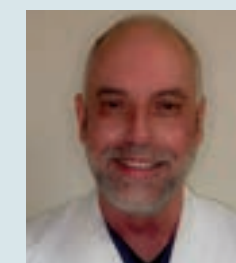
Varatharaj Mounasamy, M.D.
Professor



Katherine Raspovic, D.P.M.
Assistant Professor



Joel Wells, M.D., M.P.H.
Assistant Professor



James Whitfield, D.P.M.
Assistant Professor

Orthopaedic Surgery Faculty With Secondary Appointments



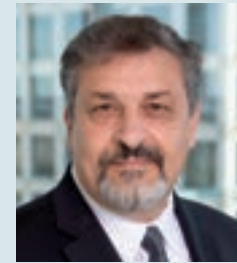
Carlos Bagley, M.D.
Professor, Neurological Surgery



Avneesh Chhabra, M.D.
Associate Professor,
Radiology



**Beth Deschenes,
D.P.T., M.S.**
Associate Professor,
Physical Therapy



Yasin Dhafer, Ph.D.
Professor, Physical Medicine
and Rehabilitation



Jason Petrasic, M.D.
Assistant Professor, Physical
Medicine and Rehabilitation



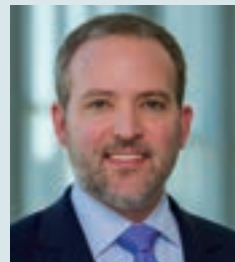
Ross Query, Ph.D.
Professor and Chair,
Physical Therapy



Jonathan Rios, Ph.D.
Associate Professor,
Eugene McDermott Center for
Human Growth and Development



Douglas Sammer, M.D.
Associate Professor,
Plastic Surgery



Nicholas Haddock, M.D.
Associate Professor,
Plastic Surgery



Nitin Jain, M.D.
Professor, Physical Medicine
and Rehabilitation



Donald Kasitinon, M.D.
Professor, Plastic Surgery



Paul Kim, D.P.M.
Professor, Plastic Surgery



Yi-Ting Tzen, Ph.D.
School of Health Professions



Paul Weatherall, M.D.
Professor, Radiology



Reed Williams, M.D.
Assistant Professor, Physical
Medicine and Rehabilitation



Carol Wise, Ph.D.
Professor, Eugene McDermott
Center for Human Growth
and Development



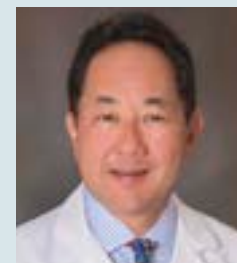
Ajay Kohli, M.D.
Assistant Professor, Radiology



Lawrence Lavery, D.P.M.
Professor, Plastic Surgery



Edward Mulligan, D.P.T.
Professor, Physical Therapy



Scott Oishi, M.D.
Professor, Plastic Surgery

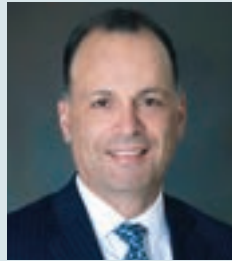


Jason Zafereo, Ph.D., M.P.T.
Associate Professor, Physical
Therapy



Andrew Zhang, M.D.
Associate Professor,
Plastic Surgery

Scottish Rite for Children Faculty



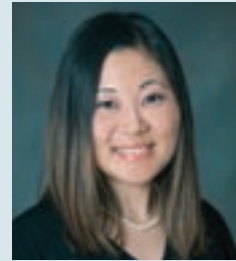
Daniel Sucato, M.D.
Professor and Chief of Staff



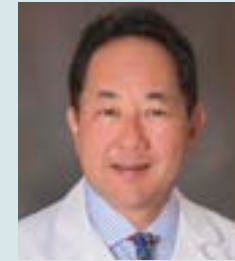
Jaysson T. Brooks, M.D.
Assistant Professor



Alexander Cherkashin, M.D.
Assistant Professor



Jane Chung, M.D.
Associate Professor



Scott Oishi, M.D.
Professor



David Podeszwa, M.D.
Associate Professor



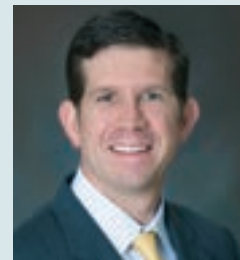
Brandon Ramo, M.D.
Assistant Professor



Karl Rathjen, M.D.
Professor



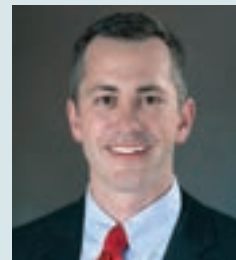
Lawson Copley, M.D.
Professor



Henry Ellis, M.D.
Assistant Professor



Marybeth Ezaki, M.D.
Clinical Professor



Corey Gill, M.D.
Assistant Professor



Anthony Riccio, M.D.
Associate Professor



Jonathan Rios, Ph.D.
Associate Professor



Mikhail Samchukov, M.D.
Associate Professor



Christopher Stutz, M.D.
Assistant Professor



John Anthony Herring, M.D.
Professor



Christine Ho, M.D.
Associate Professor



Megan E. Johnson, M.D.
Assistant Professor



Jacob C. Jones, M.D.
Assistant Professor



Sophia Ulman, Ph.D.
Professor



Philip Wilson, M.D.
Associate Professor



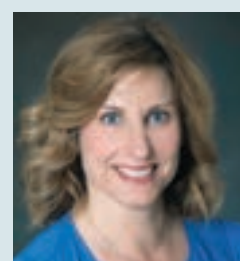
Robert Lane Wimberly, M.D.
Associate Professor



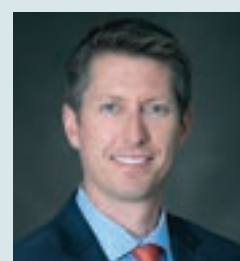
Carol Wise, Ph.D.
Professor and Director of
Molecular Genetics



Harry Kim, M.D.
Professor



Amy McIntosh, M.D.
Associate Professor



Shane Miller, M.D.
Associate Professor



William Z. Morris, M.D.
Assistant Professor



Johnny Zhang, M.D.
Professor

Orthopaedic Surgery Chief Residents



Kendall Anigian, M.D.
*University of Cincinnati
Pediatrics Fellowship*



Holt Cutler, M.D.
*University of Pennsylvania
Shoulder and Elbow Fellowship*



Jacklyn Kapilow, M.D.
*Vanderbilt University Medical
Center Trauma Fellowship*



Dustin Rinehart, M.D.
*University of Arkansas Joints
Fellowship*



Breann Tisano, M.D.
*Boston Children's Pediatrics
Fellowship*



Tyler Youngman, M.D.
*Washington University in St.
Louis Joints Fellowship*



Orthopaedic Surgery Incoming Interns



Marc Gadda

Hometown: Portland, Oregon

Medical School:
Drexel University College of
Medicine

Undergraduate School:
University of Oregon

Personal Interests: Golf,
skiing, water sports, Oregon
Ducks football, travel, cooking,
and spending time with family
and friends



Paul Gudmundsson

Hometown: Dallas, Texas

Medical School:
UT Southwestern

Undergraduate School:
Dartmouth College

Personal Interests: Watching
Dallas sports, hiking,
weightlifting, scuba diving, and
shooting sporting clays



Clarissa Meza

Hometown: El Paso, Texas

Medical School: University of
Texas School of Medicine at
San Antonio

Undergraduate School:
Texas Tech University

Personal Interests: Spending
time with family and friends,
snowboarding, trying new
restaurants, binge-watching TV
shows, and being active



Benjamin Montanez

Hometown: Grand Prairie,
Texas

Medical School:
UT Southwestern

Undergraduate School:
Texas Tech University

Personal Interests:
Weightlifting, basketball,
soccer, watching sports, and
traveling



Harold Moore

Hometown: Dallas, Texas

Medical School:
Weill Cornell Medicine

Undergraduate School:
Duke University

Personal Interests: Golf, jazz
music, fly fishing, paleontology,
and watching Duke basketball



Angela Zhang

Hometown: Plano, Texas

Medical School:
UT Southwestern

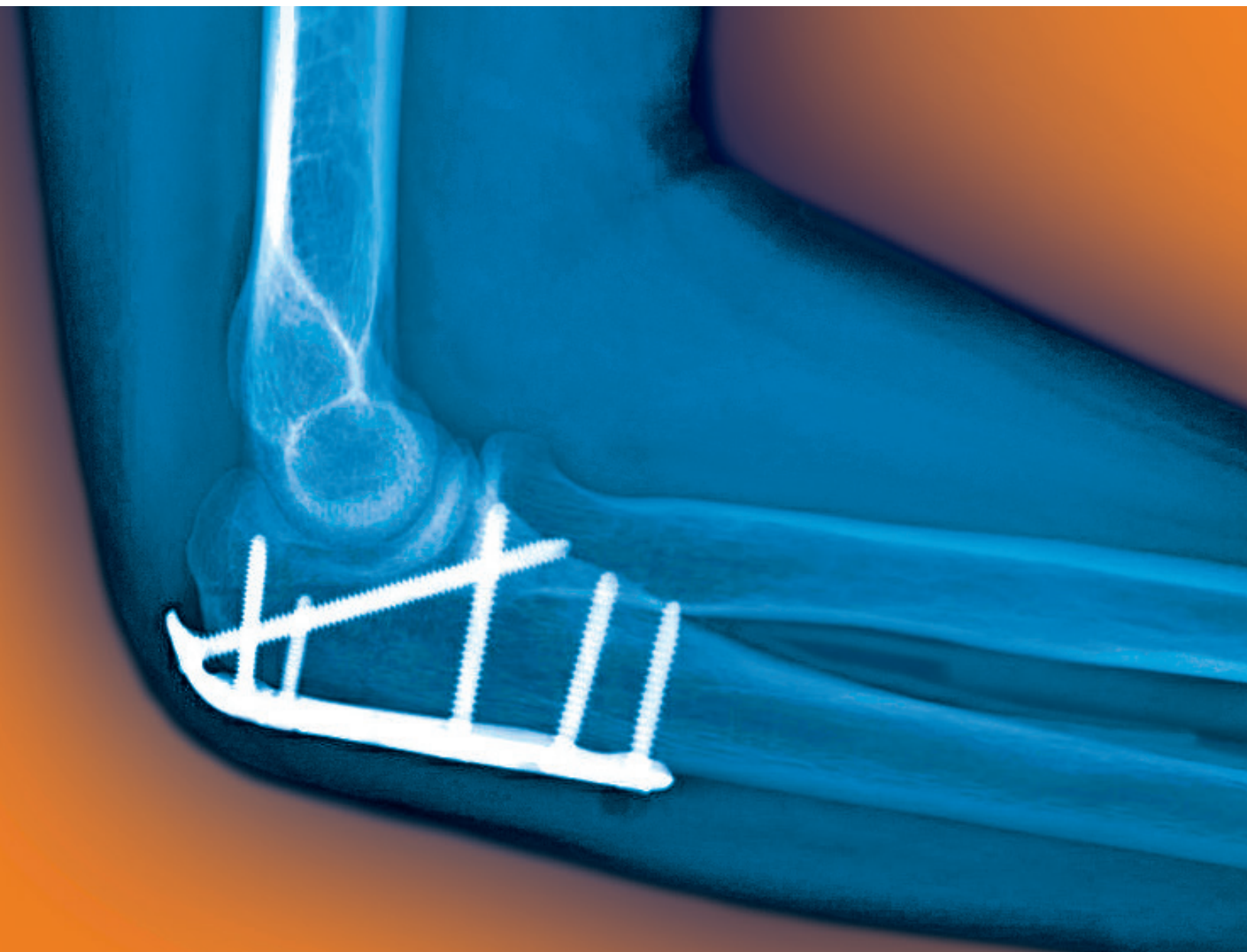
Undergraduate School:
Rice University

Personal Interests: Hiking,
bouldering, AYCE food, visiting
national parks, and reading
(favorite book is *Ender's Game*)

Orthopaedic Surgery Residents



Residency Program Group



Holders of Endowed Chairs



Dane K. Wukich, M.D.
*Dr. Charles F. Gregory Distinguished
Chair in Orthopaedic Surgery*
*Established in 1994 to support
orthopaedic surgery.*



Kevin Gill, M.D.
*Aaron A. Hofmann, M.D. and
Suzanne Hofmann Distinguished
Chair in Orthopaedic Surgery in
Honor of Richard E. Jones, M.D.*
*Established in 1994 to support
resident research projects, awards,
and education.*



Timothy Schacherer, M.D.
Robert W. Bucholz Professorship
*Established in 2016 to support
resident research and education.*



Adam J. Starr, M.D.
*Hansjörg Wyss Distinguished Profes-
sorship in Orthopaedic Trauma*
*Established in 2004 to support
orthopaedic trauma research,
education, and clinical care.*



Yasin Dhafer, Ph.D.
*R. Wofford Cain Distinguished Chair
in Bone and Joint Disease*
*Established in 2018 to support
research in bone and joint disease.*



Nitin Jain, M.D.
*Dallas Rehabilitation Institute
Distinguished Chair in Orthopaedic
Rehabilitation*
*Established in 1991 to support
orthopaedic mobility research.*

Charles F. Gregory Memorial Lectureship

The Charles F. Gregory Memorial Lectureship was established to honor Charles F. Gregory, M.D., Chairman of Orthopaedic Surgery at the University of Texas Southwestern Medical School from 1956 to 1976. Dr. Gregory's commitment to postgraduate education led him to formulate objectives for the education of orthopaedic surgeons. These objectives included nurturing of a medical conscience, respect for the heritage of medicine, acquisition of essential information, development of surgical skills, development of respect for the scientific method, and continual pursuit of new advances and refinement of existing skills.

Charles F. Gregory Memorial Lecture Day – June 17, 2022

Keynote Presentation

Valerae Lewis, M.D.

“Surgical Treatment of Pelvic Sarcoma: Where Are We Now?”

Graduating Resident Presentations

Tyler Youngman, M.D.

“Alpha Angle Is Associated with Severity of Labral Tear in Adolescent Athletes”

Dustin Rinehart, M.D.

“Does Size Matter for Cephalomedullary Nails in Geriatric Interochanteric Fractures?”

Jaclyn Kapilow, M.D.

“Early Outcomes After Surgical Management of Geriatric Patella Fractures”

Holt Cutler, M.D.

“Increased Articular Exposure of the Lateral Elbow Joint with the Anconeus Approach”

Kendall Anigian, M.D.

“Postoperative Changes in Curve Magnitude: Real or Imagined?”

Breann Tisano, M.D.

“Financial Burden of e-Scooter-Related Injuries at a Level 1 Trauma Center”

Charles F. Gregory Visiting Professor



Valerae O. Lewis, M.D.

Professor and Chair, Department of Orthopaedic Oncology, Division of Surgery

Dr. John Murray Professor in Orthopaedic Oncology

The University of Texas MD Anderson Cancer Center

Valerae O. Lewis, M.D., attended Yale University and matriculated at Harvard Medical School, graduating with honors. She completed her orthopaedic training at the Harvard Combined Orthopaedic Residency Program in Boston and her fellowship in musculoskeletal oncology at the University of Chicago. She is the first African American woman to be awarded the MD Anderson Faculty Achievement Award in Patient Care and is now the Chair of the Department of Orthopaedic Oncology at MD Anderson.

Dr. Lewis is very active nationally and internationally within the fields of orthopaedics and musculoskeletal oncology. She is a strong advocate of education and, as such, served as Chair of the Musculoskeletal Tumor Society (MSTS) Education Committee, Chair of the American Academy of Orthopaedic Surgery (AAOS) Instructional Course Lecture Tumor Subcommittee, Chair of the Musculoskeletal Oncology Content Committee for the AAOS Council on Education, and Chair of the International Society of Limb Salvage (ISOLS) Education Committee. She is a former board member of the American Orthopaedic Association, the Western Orthopaedic Association, the MSTS, and ISOLS. She currently serves as a member-at-large on the AAOS Board of Directors.

Dr. Lewis is an expert in the treatment of children and adults with bone and soft tissue sarcomas. Her clinical research focuses on the outcome of patients after hemipelvectomy surgery, and her lab investigates the gene functions tied to osteosarcoma and the development of treatments that might interrupt this process. Married for 28 years, she is the mother of two wonderful 19-year-old twins.



Visiting Professor Valerae Lewis, M.D., delivers the keynote presentation, focused on recent developments in the surgical treatment of pelvic sarcomas.

Charles F. Gregory Memorial Lectureship

Event Highlights

Dane K. Wukich, M.D., Chair of the UT Southwestern Department of Orthopedic Surgery, introduces the lectureship's keynote speaker.



Valerae Lewis, M.D., Chair of Orthopaedic Oncology at MD Anderson, speaks to residents and guests.



Breann Tisano, M.D., shares her research in a presentation titled "Financial Burden of e-Scooter-Related Injuries at a Level 1 Trauma Center."



Dustin Rinehart, M.D., answers questions from the audience after his lecture.



Dr. Wukich delivers opening remarks during the lectureship.



Alex Callan, M.D., and Valerae Lewis, M.D.



Peter Carter, M.D., discusses Dr. Gregory's legacy and namesake of the lectureship.



Graduating residents display their gifts from the alumni.

Hansjörg Wyss Symposium 2022

In June 2022, the UT Southwestern Department of Orthopaedic Surgery held its second UT Southwestern Hansjörg Wyss Orthopaedic Trauma Symposium. Led by Adam Starr, M.D., the two-day, biennial event focused on orthopaedic trauma case studies presented by guest speakers from around the world. Discussions of both triumphs and missteps helped foster debate and introduce novel ideas to those in attendance.

The event's namesake, Hansjörg Wyss, is founder, former president, and chairman of multinational medical device manufacturer Synthes Holding AG, the world's largest maker of implants to mend bone fractures. Mr. Wyss made a generous gift to the UT Southwestern Medical Center Department of Orthopaedic Surgery, which has made the symposium possible.

Next year, the department will host the UT Southwestern Hansjörg Wyss Geriatric Fracture Symposium on the UT Southwestern campus June 2-3, 2023, led by Megan Sorich, D.O. Like the trauma symposium (which will return in 2024), this geriatric fractures-focused event will bring guest speakers from across the nation to discuss the latest in case studies related to the field.

Event Highlights

Thomas Fuchs, M.D.



Stuart Gold, M.D.



Participants in the Hansjörg Wyss Orthopaedic Trauma Symposium included specialists and guest speakers from around the world.

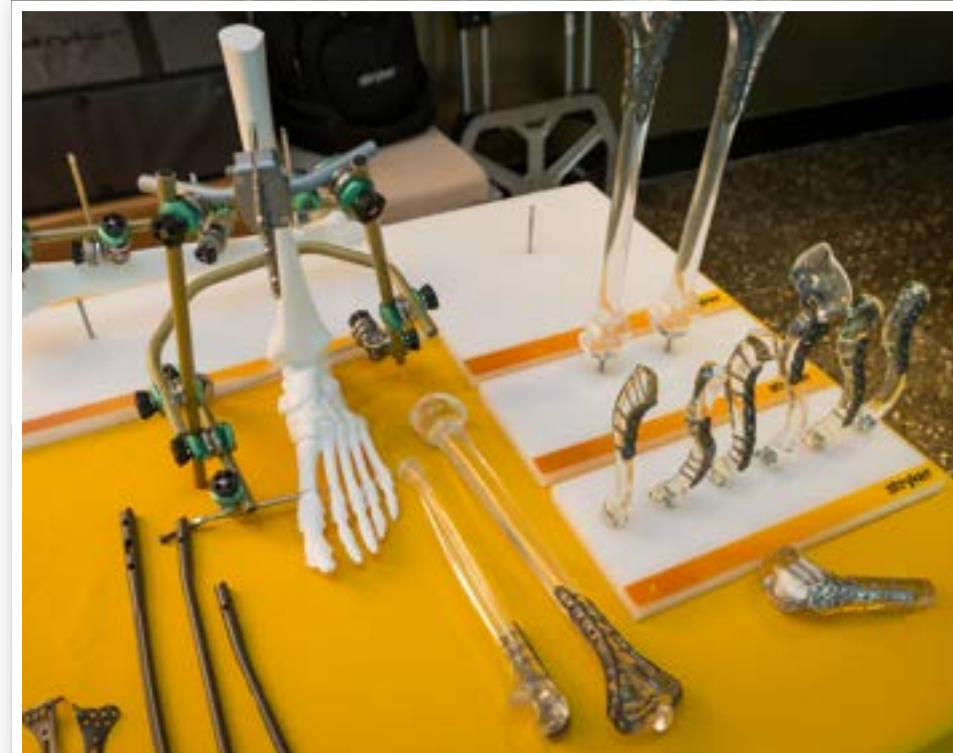


Tom Higgins, M.D.

OsteoCentric Booth Setup



Dr. Adam Starr, the Hansjörg Wyss Distinguished Professor in Orthopaedic Trauma at UT Southwestern, opens the symposium.



Stryker Booth Setup



Statler Hotel



The stately Statler Hotel in downtown Dallas provided the site of the 2022 Hansjörg Wyss Orthopaedic Trauma Symposium.

Funding and Grants

The UT Southwestern Department of Orthopaedic Surgery is honored to recognize the funding and grants achieved throughout the course of the year. In 2022, the Blue Ridge Institute for Medical Research ranked our program No. 27 in National Institutes of Health (NIH) funding, thanks to grants and funding received by a few of our faculty, including Carole Wise, Ph.D., and Harry Kim, M.D.

Dr. Wise has received NIH support for her continuous research at UT Southwestern and Scottish Rite for Children. She was awarded a five-year NIH grant to research the underlying causes of idiopathic scoliosis. As the Scottish Rite Director of Molecular Genetics and a Professor in the Departments of Orthopaedic Surgery and Pediatrics at UT Southwestern, Dr. Wise leads the newly funded program called Developmental Mechanisms of Idiopathic Scoliosis and will work with investigators from other prestigious universities.

Dr. Kim received NIH's R01 grant, with which he and his team will be able to develop and test minimally invasive tissue engineering methods to transform the inflammatory environment into a regenerative one. This research is in pursuit of finding treatments for juvenile osteonecrosis. In July 2021, Dr. Kim and his team were awarded a five-year grant by the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) to test a potential clinical solution in an animal model. The goal of this research is to seek to break the vicious cycle of Legg-Calvé-Perthes disease and its chronic inflammation.

The purpose of these grants is to provide support in NIH's mission to enhance health, impact lives, and seek knowledge of reducing illness and disability. The UT Southwestern Department of Orthopaedic Surgery is proud to recognize these distinguished achievements of Drs. Wise and Kim that have resulted from the hard work they have put into their research. Their dedication has impacted and improved our goals in the department.



Carol Wise, Ph.D.
*Professor and Director of
Basic Research, UTSW;
Director of Molecular
Genetics, Scottish Rite*



Harry Kim, M.D.
Professor

Promotions

The UT Southwestern Department of Orthopaedic Surgery is also proud of the tireless efforts other faculty members have put forth throughout the past year. Many of these individuals have earned well-deserved promotions that will go into effect this fiscal year. We would like to congratulate the following:

UTSW Orthopaedic Surgery

Ann Golden, M.D.

Assistant Professor to Associate Professor

Drew Sanders, M.D.

Assistant Professor to Associate Professor

Scottish Rite for Children

Jane S. Chung, M.D.

Assistant Professor to Associate Professor

Robert Lane Wimberly, M.D.

Associate Professor to Professor

Christopher Stutz, M.D.

Assistant Professor to Associate Professor

Chief Resident Program Highlights

Tyler Youngman, Dustin Rinehart, Kendall Anigian, Holt Cutler



Tyler Youngman, Kendall Anigian, Holt Cutler, Breann Tisano



Holt Cutler, Jacklyn Kapilow, Dustin Rinehart, Kendall Anigian, Tyler Youngman, Breann Tisano



Tyler Youngman, Kendall Anigian, Dustin Rinehart, Jacklyn Kapilow, Holt Cutler, Breann Tisano

Resident Graduation and Awards Dinner

Graduating residents at the graduation dinner: (from left) Holt Cutler, Kendall Anigian, Tyler Youngman, Jacklyn Kapilow, Dustin Rinehart, and Breann Tisano



Dr. Ann Golden (left) awards Breann Tisano her official certificate.



The UTSW Department of Orthopaedic Surgery Education Team: (from left) Michelle Hughes, Daisy Astorga, Sania Khan, Kimberly Loza, Michelle Payton, and Shenia Calton



Dr. Drew Sanders addresses graduation dinner attendees.

Resident Awards

Aaron A. Hofmann, M.D. and Suzanne Hofmann Distinguished Chair in Orthopaedic Surgery Graduating Resident Awards

Dr. Aaron A. Hofmann established the following awards for graduating residents to honor three orthopaedic surgeons who significantly influenced him during his orthopaedic residency at UT Southwestern.

The Awards

W. Brandon Carrell Distinguished Physician Award

Presented to the current PGY-5 resident who throughout his or her residency consistently displayed empathy, concern, and compassion for his or her patients, colleagues, and staff. The W. Brandon Carrell Award winner is determined by current full-time faculty.

G. Truett James Award for Excellence in Teaching

Presented to the current PGY-5 resident who was most dedicated to teaching others. This award is determined by residents.

Vert Mooney Award for Academic Achievement

Presented to the current PGY-5 who has performed at a high academic level during his or her residency. This award is determined by the resident's overall academic achievement during residency, e.g., research, posters, and presentations.

2022 Annual Resident Awards

Brandon Carrell Award – Breann Tisano, M.D.

Vert Mooney Award – Holt Cutler, M.D.

G. Truett James Award – Holt Cutler, M.D.

Past Hofmann Resident Award Recipients

2021

Brandon Carrell Award – Bruno Gross, M.D.
G. Truett James Award – Aaron Gebrelul, M.D.
Vert Mooney Award – Aaron Gebrelul, M.D.

2020

Brandon Carrell Award – Kshitij Manchanda, M.D.
G. Truett James Award – Stephen Gates, M.D.
Vert Mooney Award – Stephen Gates, M.D.

2019

Brandon Carrell Award – Benjamin Schell, M.D.
G. Truett James Award – Benjamin Schell, M.D.
Vert Mooney Award – Emmanuel Nwelu, M.D.

2018

Brandon Carrell Award – Craig Birch, M.D.
G. Truett James Award – Brian Sager, M.D.
Vert Mooney Award – Marcel Wiley, M.D.

2017

Brandon Carrell Award – Jessica Wingfield, M.D.
G. Truett James Award – Matthew Swann, M.D.
Vert Mooney Award – Matthew Swann, M.D.

2016

Brandon Carrell Award – Sheena Black, M.D.
G. Truett James Award – Ryan Rose, M.D.
Vert Mooney Award – Timothy Brown, M.D.

2015

Brandon Carrell Award – Kelly Cline, M.D.
G. Truett James Award – Kelly Cline, M.D.
Vert Mooney Award – Robert Russell, M.D.

2014

Brandon Carrell Award – Grant Hogue, M.D.
G. Truett James Award – Drew Sanders, M.D.
Vert Mooney Award – Kenneth Estrera, M.D.

2013

Brandon Carrell Award – Guillaume Dumont, M.D.
G. Truett James Award – Paul Chin, M.D.
Vert Mooney Award – Justin Knight, M.D.

2012

Brandon Carrell Award – Jacob Zide, M.D.
G. Truett James Award – Charles Osier Jr., M.D.
Vert Mooney Award – Chris Espinoza-Ervin, M.D.

Faculty Awards

Harold A. “Pete” Mattson Award for Outstanding Leadership

This award is given annually to a physician who demonstrates outstanding personal, moral, and professional leadership for our residents. The award is named in honor of a man who embodied all of these virtues.

2022 Mattson Award Recipient

Michael H. Huo, M.D.

Past Mattson Award Recipients

2021 – Drew T. Sanders, M.D.
2020 – Timothy Schacherer, M.D.
2019 – Adam J. Starr, M.D.
2018 – Karl Rathjen, M.D.
2017 – Drew T. Sanders, M.D.
2016 – Adam J. Starr, M.D.
2015 – Robert W. Bucholz, M.D.
2014 – Michael H. Huo, M.D.
2013 – Adam J. Starr, M.D.

Charles M. Reinert Award

This award is presented annually to a physician for going above and beyond the call of duty ... for selfless dedication to resident education ... for being a pillar of consistency amidst a sea of change ... for always being available for assistance ... for being a role model in the truest sense of the word ... for teaching us to do the right thing.

2022 Reinert Award Recipient

Ann Golden, M.D.

Past Reinert Award Recipients

2021 – Michael H. Huo, M.D.
2020 – Drew T. Sanders, M.D.
2019 – Drew T. Sanders, M.D.
2018 – Brigham Au, M.D.
2017 – Adam J. Starr, M.D.
2016 – Timothy G. Schacherer, M.D.
2015 – Timothy G. Schacherer, M.D.
2014 – Adam J. Starr, M.D.
2013 – William “Bill” Robertson, M.D.
2012 – Michael H. Huo, M.D.

Robert W. Bucholz Award

This award is presented by the graduating class to a faculty member who is an exceptional surgeon, dedicated educator, leader, mentor, and caring friend who embodies these virtues both as a physician and as a person.

2022 Bucholz Award Recipient

John Herring, M.D.

Past Bucholz Award Recipients

2021 – Adam J. Starr, M.D.
2020 – Karl E. Rathjen, M.D.
2019 – Michael H. Huo, M.D.
2018 – Adam J. Starr, M.D.

UT Southwestern Medical Center Department of Orthopaedic Surgery Section Summaries

The UT Southwestern Department of Orthopaedic Surgery has a total of 10 sections as well as a partnership in pediatric orthopaedics with Scottish Rite for Children. Due to the hard work and dedication of our talented faculty, the department has excelled in clinical, scholarly, and educational activities over the course of this year. These efforts have brought quality care to patients, innovative research, and educational opportunities to residents in our program.

Shoulder and Geriatric Fracture

Clinical activity

The Shoulder section consists of Michael Khazzam, M.D., who serves as Section Chief, and Alison Cabrera, M.D. This team provides comprehensive care for patients who are suffering from complex shoulder injuries and conditions. Both Drs. Khazzam and Cabrera not only provide complex shoulder repair but also specialize in shoulder sports medicine.

The Geriatric Fracture section is led by Megan Sorich, D.O., with the goal of helping all patients regain function, avoid future fractures, and maintain their quality of life. Dr. Sorich is also directing a program called RESTORE (Returning Seniors to Orthopaedic Excellence). With the launch of the RESTORE program in 2021, the section has had great success on all fronts. The program's mission is to improve hip fracture patients' outcomes by reducing time to OR, length of stay, and ultimately morbidity and mortality. The average time to OR is currently 15.7 hours for hip fractures, and length of stay is currently 6.4 days. The next goal for the RESTORE program is to obtain a designation of Hip Fracture Center of Excellence by the Joint Commission.

The Shoulder section serves the UTSW main campus and UT Southwestern Frisco location. The Geriatric Fracture section serves the UTSW main campus.

Scholarly activity

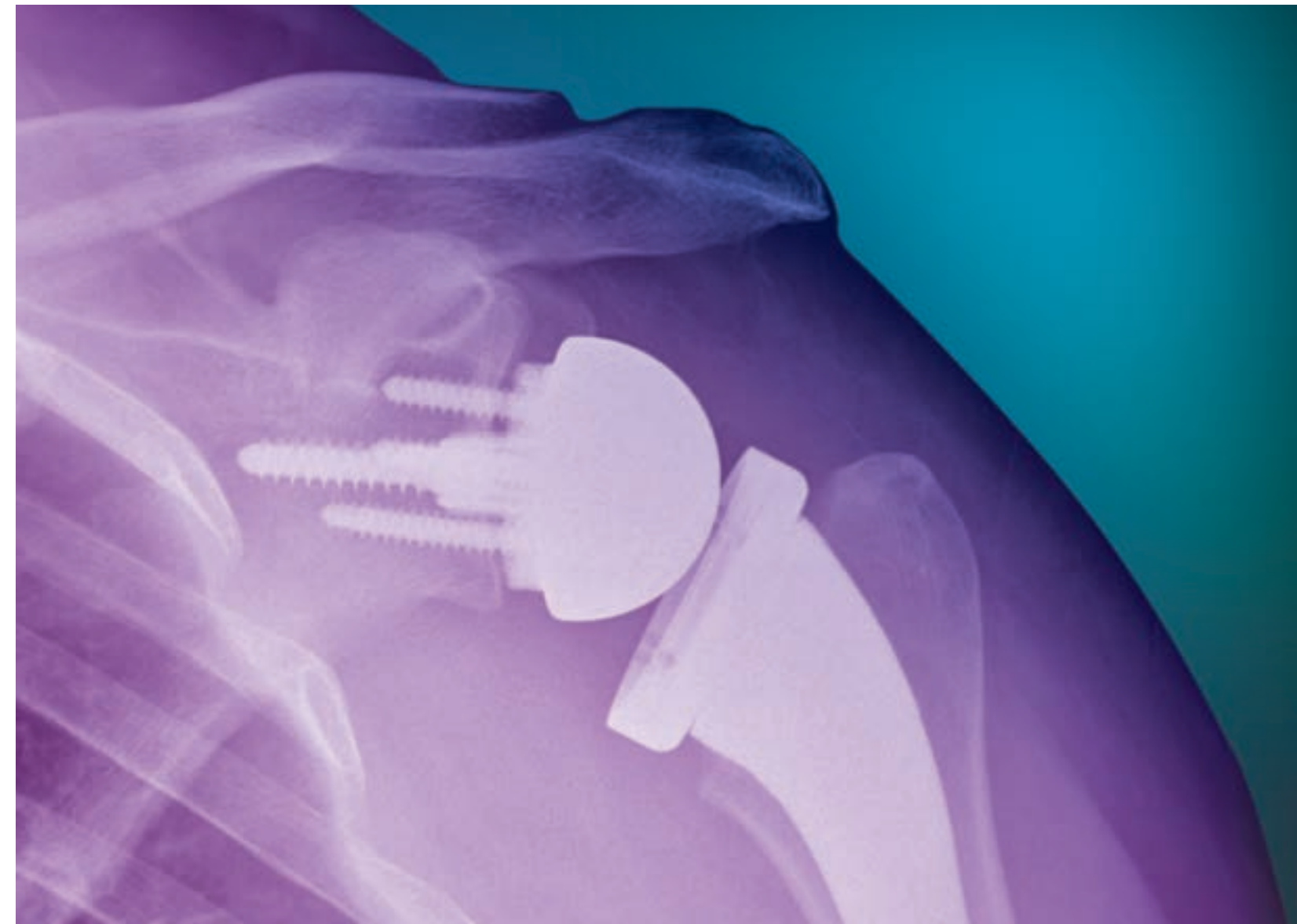
The Shoulder section has seen continuous growth in scholarly affairs. Continuing the studies with MOON (the Multicenter Orthopaedic Outcomes Network) and ROW (Rotator Cuff Outcomes Workshop), Dr. Khazzam collaborated with multiple authors on trials to determine the prognostic factors for outcomes after rotator cuff surgery. Dr. Cabrera conducted a multidisciplinary study with the UTSW Department of Radiology on the role in diagnostic evaluation of elbow disorders with relevant comparisons to 2D MRI, with an emphasis on how such advanced imaging assists in pre- and post-surgical assessments of tendon and ligament derangements. Overall, the section has been involved with multiple groups and departments to further along studies on the best ways to approach shoulder care and extremity reconstruction.

The Geriatric Fracture section teamed with the Nurses Improving Care for Health Systems Elders (NICHE) group in a study that had the goal of providing outstanding geriatric medical care through an interdisciplinary team approach. This study, led by Dr. Sorich, provided great outcomes and insights on future goals as well as continued involvement with NICHE in studies to come.

Education

The Shoulder section is devoted to the continuous education of residents through establishing weekly indications conferences. In PGY-4, residents take part in a rotation with the Shoulder section. This allows for an enhanced curriculum and an opportunity for the group of residents to have a robust training experience. The section also allows residents to collaborate on ongoing studies and research.

On June 2-3, 2023, the Geriatric Fracture section will host the UT Southwestern Hansjörg Wyss Geriatric Fracture Symposium on the main campus. It will be a CME event that will consist of insightful sessions revolving around case studies and novel topics surrounding geriatric fractures. The symposium will bring in speakers from across the country. Email Marilyn Clark (marilyn.clark@utsouthwestern.edu) if you would like to be kept up to date with information for the event.





Total Joints

Clinical activity

The Total Joints section is an all-encompassing group within the UT Southwestern Department of Orthopaedic Surgery. Under the leadership of Section Chief Michael H. Huo, M.D., the section consists of Georges Bounajem, M.D.; Varatharaj Mounasamy, M.D.; Sharon Walton, M.D.; and Joel Wells, M.D., M.P.H. They provide exceptional care that includes total hip and knee replacement, revision, and other areas involving joint repair.

The section has a presence throughout Dallas-Fort Worth, including at UTSW's main campus in the Southwestern Medical District, as well as at the UTSW/THR Frisco location, the UTSW Richardson/Plano location, Parkland Memorial Hospital, Children's Medical Center Dallas, and Scottish Rite for Children. In fall 2022, the section will welcome back former resident Garen Collett, M.D., who will come in as a full-time faculty member.

Scholarly activity

The Total Joints section has continued to conduct several noteworthy investigations that have contributed to its scholarly activity. Focusing on hip dysplasia, Dr. Wells has continued to participate in studies related to this debilitating condition, including finding functional outcomes preserved in adult acetabular dysplasia with radiographic evidence. Dr. Bounajem has completed studies linked to the impact of social determinants on total joint arthroplasty complications and has been involved in studies looking at the risk factors and outcomes with revision total hip arthroplasty. Section Chief Dr. Huo has led collaborative studies with residents on a variety of subjects, from the outcomes of standardized total knee arthroplasty to finding complications of primary total hip arthroplasty in patient-specific groups.

Education

The Total Joints section is committed to the continuous education of residents through activities that include a weekly indications conference and the bimonthly opening of the cadaver lab. These activities allow our residents to gain insight on the complexities of various cases they will encounter throughout their careers and provide a comprehensive training experience in Total Joints led by our faculty.

Foot and Ankle

Clinical activity

The Foot and Ankle section within the UT Southwestern Department of Orthopaedic Surgery has seven full-time, board-certified physicians, including Department Chairman Dane K. Wukich, M.D., and Section Chief, Michael VanPelt, D.P.M. Other members of the multidisciplinary team are Matthew Johnson, D.P.M.; George Liu, D.P.M.; Kshitij Manchanda, M.D.; and Katherine Raspovic, D.P.M. The section welcomed Suganthi Kandasamy, D.P.M., to the team this fall 2022. Dedicated to the management of foot and ankle disorders, the section provides high-quality, comprehensive treatment, care, and rehabilitation services to patients. During a surgical consultation, the section assists patients with a department-produced *Foot and Ankle Surgery Journey Guide* to provide step-by-step guidance and ensure commitment to world-class treatment and care. Dr. Raspovic leads the Diabetic Limb Salvage program and the Limb Salvage service line, which is a joint service line at UTSW's Clements University Hospital in a collaboration with the wound care plastic surgery foot specialists. The section currently serves four locations: UTSW's main campus, Parkland Memorial Hospital, the Dallas VA, UT Southwestern Medical Center at Las Colinas, and UT Southwestern at Frisco. Among its recent clinical focuses, the section began performing ankle mobility preservation procedures using total ankle replacements for end-stage arthritis with the use of Wright Medical's Infinity® system. This is based on the consolidated effort to preserve joint mobility for the ankle with one system in practice. This system further incorporates Wright Medical's Prophecy system, which provides a 3D-printed template to assist in preoperative planning and reduce operative time.

Scholarly activity

The Foot and Ankle section conducted several noteworthy studies and research activities over the past year that involved the assistance of the residents. Several of the research initiatives revolved around the subjects of diabetic foot infections and total ankle replacement outcomes. In one highlighted trial, Drs. Wukich, Liu, Raspovic, and VanPelt collaborated on multicenter outcomes-based research using the Lapiplasty® system for hallux valgus correction. At the ACFAS 2022 Conference, they received an honorable mention for their manuscript.

Education

To provide continuing educational opportunities and a positive learning environment, the Foot and Ankle faculty host an indications conference every Friday with the residents. These conferences are critical in providing residents the opportunity to analyze the varied foot and ankle cases they will see throughout their careers. Drs. Liu and VanPelt continue to teach as ACFAS arthroscopic course faculty, and Drs. Wukich and Raspovic are involved in an industry-sponsored Charcot foot disorder course for diabetic patients to enhance education on prevention.





Hand and Upper Extremity

Clinical activity

The Hand and Upper Extremity section within the UT Southwestern Department of Orthopaedic Surgery has four full-time, board-certified faculty members. Leading the team as Section Chief is Daniel Koehler, M.D., who manages all presentations of surgical care at UT Southwestern's main campus in Dallas. Other members of this section include Rob Bass, M.D., and Tim Schacherer, M.D., who currently have elective hand and upper extremity surgical practices at UT Southwestern Frisco in partnership with Texas Health Frisco, where Dr. Bass also serves as Chief Medical Officer. Ann Golden, M.D., has been a pillar of excellence in hand and upper extremity surgical care for the Parkland Health & Hospital System for the past several years. She treats patterns of complex injuries, including Level 1 trauma. Along with Dr. Golden, Dr. Schacherer has a presence at Parkland Memorial Hospital, where he is instrumental in carrying forward the complex derivatives of upper extremity arthroplasty. The section is looking forward to welcoming a new hand surgeon, Richard Samade, M.D., next year. He completed his residency at the Ohio State University Wexner Medical Center and his fellowship at NewYork-Presbyterian Hospital. Dr. Samade also holds a Ph.D. in biomedical engineering from UCLA.

Scholarly activity

The Hand and Upper Extremity section has had continued success in scholarly endeavors over the course of the past year, including a vast number of novel research investigations conducted by the section's faculty leading orthopaedic surgery residents. The efforts have had a wide variety of focus, such as a literature review on elbow arthrodesis, case reporting of brachial artery thrombosis in COVID-19 patients, and more. Findings from these investigations have been shared by the residents and section faculty in multiple publications and presentations nationwide. Also, the section works in tandem with hand surgery colleagues in the Department of Plastic Surgery on multiple investigations, especially when it is multiple-cadaveric-based research. Most recently, the departments worked on and published a study that had the objective of comparing distal radius fractures with radiographic outcomes.

Education

In addition to providing expert, world-class patient care, the most rewarding and important responsibility the Hand and Upper Extremity section has is the opportunity to teach, learn, and grow alongside the orthopaedic surgery residents in the UT Southwestern training program. Dr. Golden currently serves as Associate Director of the Residency Program. The combination of the Parkland Memorial Hospital hand rotation and the Clements University Hospital/Zale Lipshy Pavilion rotation has established a paradigm in which the residents work intimately with the hand surgery faculty through each of their five training years without exception. This rotation affords a truly longitudinal experience for learning and growth. In addition to this combination of rotations, the section offers the continued opportunity to train two hand fellows annually through a combined program spearheaded by Doug Sammer, M.D., alongside the Department of Plastic Surgery. Additionally, the educational activity in the section includes weekly hand indications conferences on Tuesday mornings, weekly hand didactic lectures on Thursday mornings, and scheduled anatomy sessions. Efforts to expand hand and upper extremity knowledge extend beyond our own department as well with periodic invited lectures. The lectures are given in collaboration with the Department of Physical Medicine and Rehabilitation, the Department of Plastic Surgery, the Department of Emergency Medicine, and other health care institutions in the Dallas-Fort Worth area.

Spine

Clinical activity

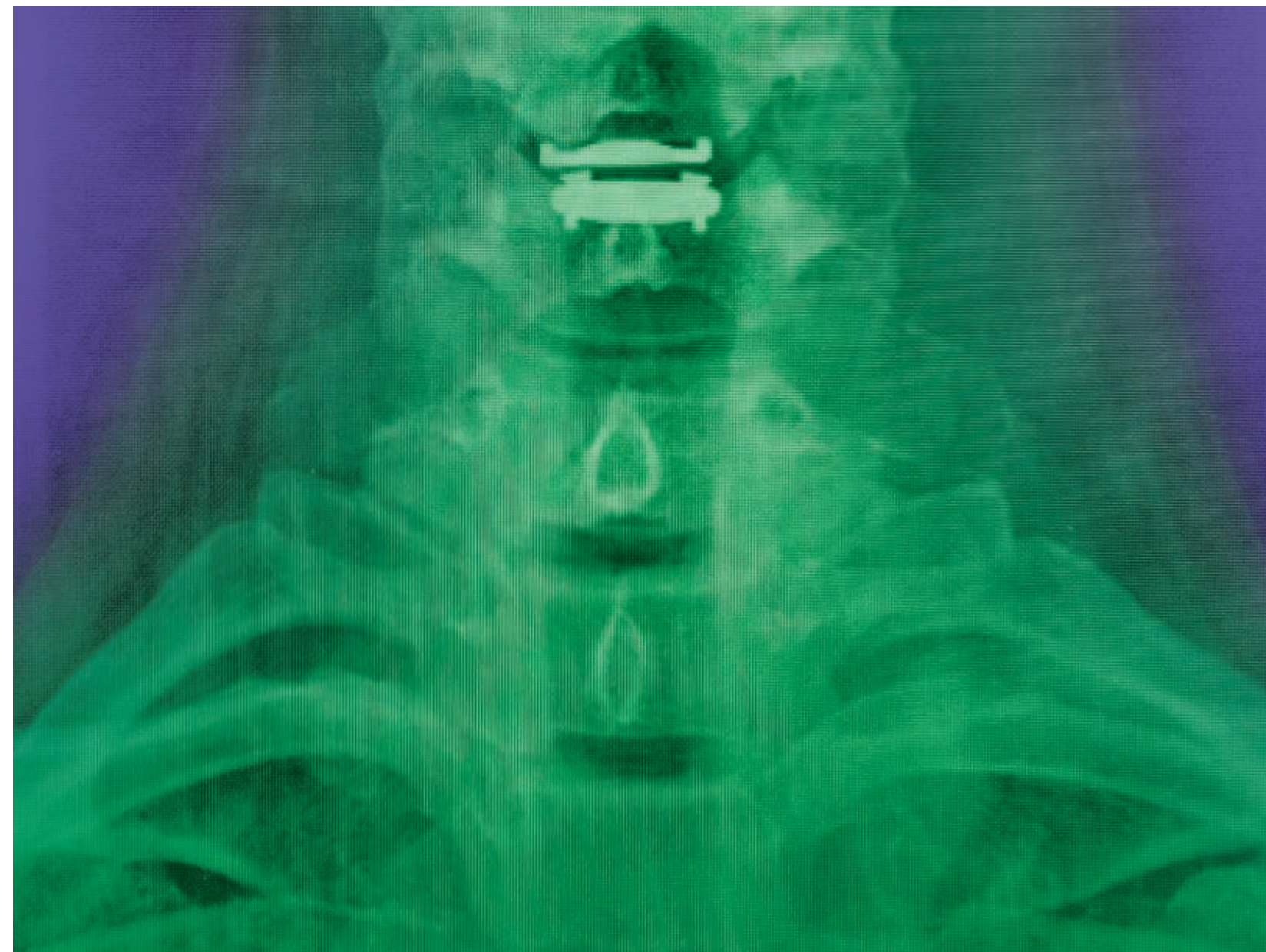
The Spine section within the UT Southwestern Department of Orthopaedic Surgery has four full-time faculty, including Section Chief Michael Van Hal, M.D., along with Douglas Dickson, M.D.; Kevin Gill, M.D.; and Shaleen Vira, M.D., all of whom provide a significant leadership presence. Currently, Dr. Van Hal serves as Medical Director for the Orthopaedic Spine Services at Parkland, and Dr. Gill serves as Vice Chairman of the Department of Orthopaedic Surgery. Collectively, the team provides patient care on the main campus at UT Southwestern, at Parkland, and at UT Southwestern Frisco. In the clinical space, they work with a multidisciplinary team that consists of colleagues from the Department of Physical Medicine and Rehabilitation, Anesthesiology and Pain Management, and Neurosurgery. The faculty's goal when it comes to care is getting patients the right treatment so they can get back to their normal routine as soon as possible. The team accomplishes this goal by performing relatively minimal incisions, when possible, as opposed to large-scale surgeries.

Scholarly activity

The Spine section has put in tremendous work when it comes to scholarly activity and novel investigations. Serving as the Director of Spine Surgery Research, Dr. Vira, along with other faculty in the section, leads efforts within and outside UT Southwestern to improve the safety and efficacy of spine surgery. In tandem with the Department of Neurology, this section has built in extensive research efforts. Noteworthy studies have focused on reviewing surgical management and clinical features of spine surgery, minimizing spine surgery risks, and observing patients in the postoperative period.

Education

The Spine section hosts residents through its spine rotation and has a curriculum that exposes them to clinical and surgical experience. For clinical rotations, residents in their third- and fourth-year experience rotations with this section at Zale Lipshy Pavilion, Clements University Hospital, and Parkland Memorial Hospital, allowing them to gain exposure and robust training experience. Led by Dr. Van Hal, the team has weekly meetings on Thursdays with residents to discuss articles focused on orthopaedic spine issues. Medical students who rotate on spine also attend these meetings.





Sports Medicine

Clinical activity

The Sports Medicine section within the UT Southwestern Department of Orthopaedic Surgery has welcomed two new individuals into the fold: Edward Arrington, M.D., and Steven B. Singleton, M.D., the latter serving as the new Sports Medicine Section Chief. Along with Jay Shah, M.D., and David Tietze, M.D., the section expanded its service area this year, providing care to patients not only at the main UT Southwestern campus and UT Southwestern Medical Center at Richardson/Plano but now also at UT Southwestern Medical Center at Las Colinas and the UT Southwestern Moncrief Medical Center at Fort Worth. In the fall of 2022, the section will welcome Nate Boes, M.D., a former resident at UT Southwestern who completed his fellowship in shoulder reconstruction and sports medicine this past year at the Steadman Hawkins Clinic of the Carolinas. Dr. Boes' primary practice location will be at Parkland Memorial Hospital.

The team provides comprehensive operative and nonoperative care to patients presenting with sports-related injuries and conditions. The section continues to be partners in collegiate athletics with the University of Texas at Dallas and Dallas Baptist University, and the team formed a new partnership this year with Texas Christian University. The section continues to be partners in collegiate athletics with the University of Texas at Dallas, Dallas Baptist University, and formed a new partnership with Texas Christian University this year. These opportunities emphasize the importance of a clinical relationship with community organizations.

Sports Medicine offers minimally invasive procedures to patients to enhance recovery time and allow athletes to get back into their respective sports on a shorter timeline. These procedures include but are not limited to stem cell therapy, platelet-rich plasma injections, and arthroscopic surgeries. The section has identified the potential use of extracorporeal shock wave therapy to treat various tendinopathies in patients.

Scholarly activity

The Sports Medicine section continues to focus on research impacting the sports world and sports-related injuries. Over the past five years, Dr. Singleton has initiated, participated in, and published multiple studies that have investigated biomechanical effects of ACL reconstructions on the hip, knee, and ankle of both lower extremities. In addition, he has guest lectured nationally and internationally on the renewed interest in the sports world about lateral stabilizations to augment the ACL. Other studies have continued, thanks to Drs. Shah and Tietze and the multidisciplinary efforts of the Department of Radiology related to ACL reconstruction and the ACL tibial footprint. By using 3D and 2D MRI measurements, the study found that this MRI method can be reliably used with these patients. The section meets monthly to discuss progress in team members' research endeavors and to evaluate new and upcoming topics that may be of interest to investigate further.

Education

The Sports Medicine section hosts residents through its rotation that provides exposure into various patient care opportunities. In the department program, residents rotate to Sports Medicine in their second year. This rotation allows for experience in a high-volume clinical space as well as research. Didactic indications and post-surgical correlations conferences are held on a weekly basis for students, residents, and fellows to attend, along with monthly cadaver labs and journal clubs to enhance their training and education. The faculty has also collaborated with Internal Medicine, Family Medicine, and Emergency Medicine by hosting their residents as well. Medical students are also provided with Sports Medicine preceptors to enhance their education through the UT Southwestern Medical School.

Trauma

Clinical activity

The Orthopaedic Trauma section within the UT Southwestern Department of Orthopaedic Surgery has four full-time, board-certified faculty members who provide comprehensive care to patients presenting in the emergency room at Parkland Memorial Hospital, which has the busiest ER in North America by patient visits. Led by Section Chief Adam J. Starr, M.D., the team's other members are Drew Sanders, M.D.; Ashoke Sathy, M.D.; and Ishvinder Grewal, M.D., the latter joining the UTSW faculty this year as an Assistant Professor. The section continues to provide care to emergent patients presenting general orthopaedic traumas. Providing patient care in the Parkland Emergency Department gives the faculty, residents, and students outstanding opportunities to evaluate and treat high-level, complex trauma patients. Additionally, the department has continued to benefit from a generous gift from the Hansjörg Wyss Medical Foundation, which will greatly impact orthopaedic trauma in the clinical, research, and education spaces for years to come.

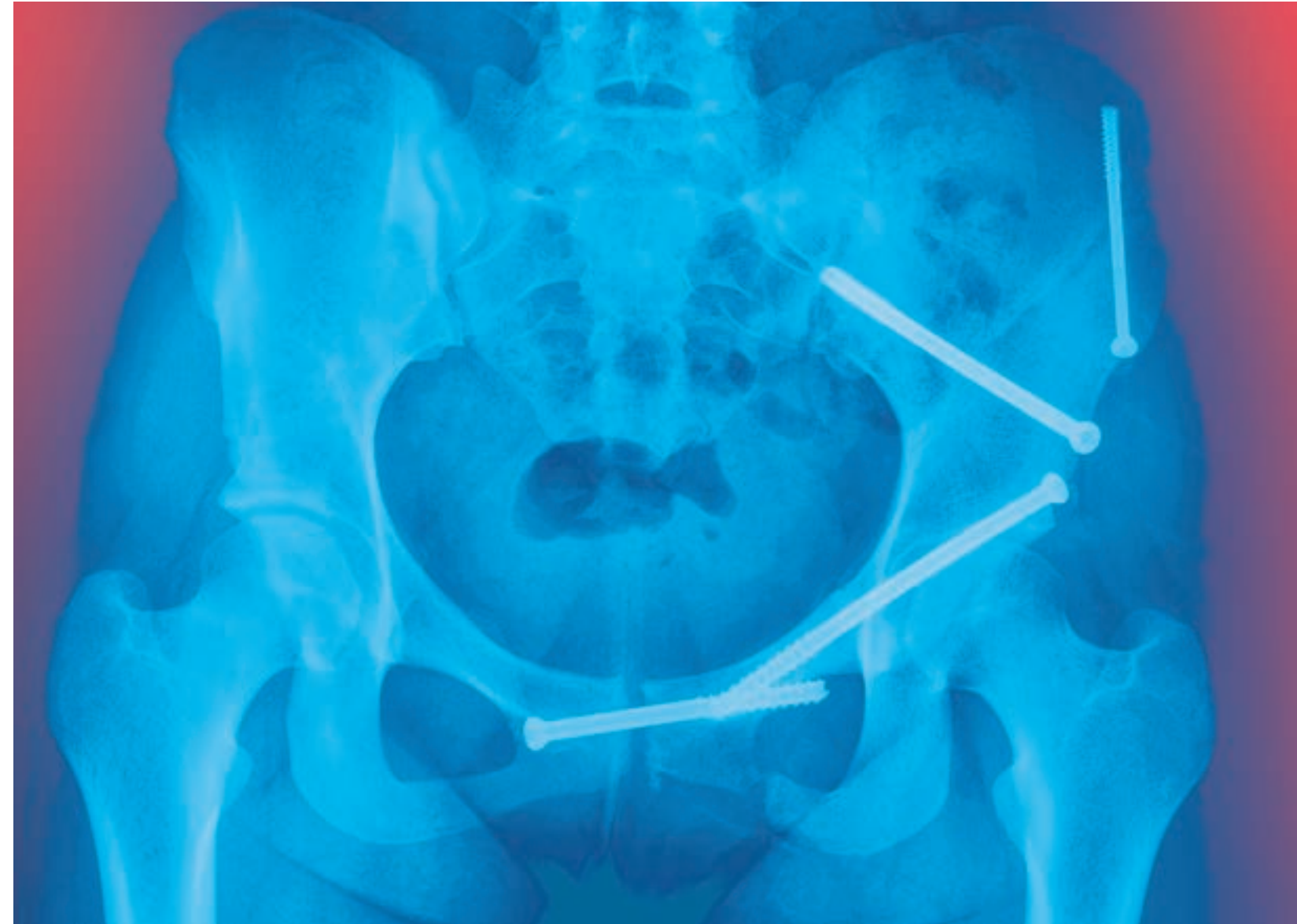
Scholarly activity

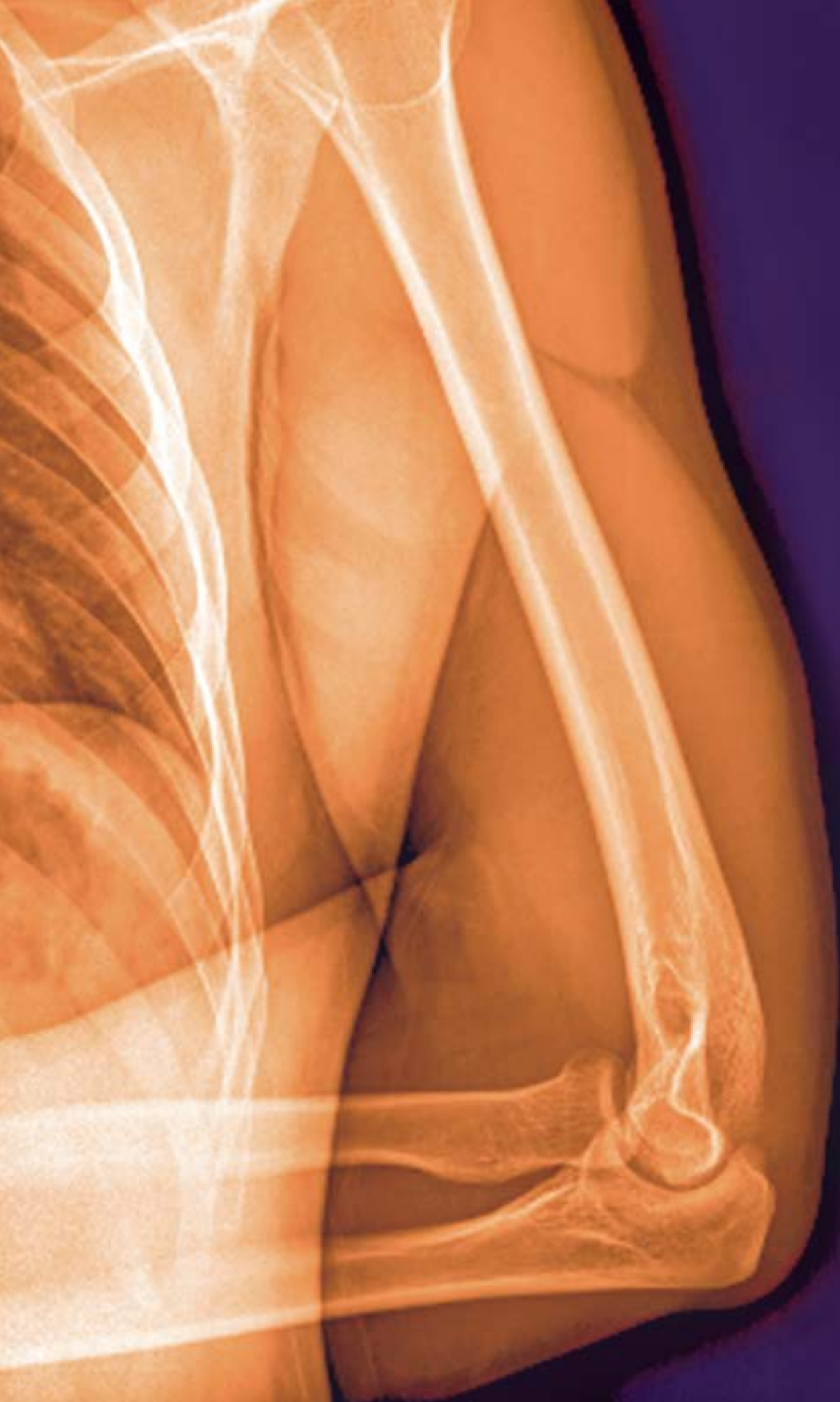
The Orthopaedic Trauma section continues to embark on scholarly activities focused on general and geriatric orthopaedic traumas. Drs. Starr, Sathy, Sanders, and Grewal have continued to work on studies in collaboration with the residents. The section participated in a collaborative study on elbow joint stabilization, completed studies on pelvic and screw fixation, and evaluated a real-time orthopaedic trauma patient index. Many of the section's studies this year were published as a faculty-resident group. Also, Drs. Sathy and Sanders were collaborators on a large-scale orthopaedic trauma study that looked at streamlining patient-reported outcomes.

Education

The section leads educational experiences at Parkland Memorial Hospital, which acts as a cornerstone and foundation for residents who are exposed to large volumes of patients and varied cases for their training experience. Currently, Dr. Sanders serves as the Residency Program Director. Another significant educational endeavor is the Orthopaedic Trauma Fellowship offered each academic year. Based at Parkland and led by Dr. Starr, the fellowship provides an opportunity to see firsthand what a Level 1 trauma center is like daily with surgical training, patient care volume, and learning how to function as a member of a trauma team. Since its inception, 18 fellows have successfully completed the program. This year's fellow was Guy Feldman, M.D. Next year, the program will welcome Simon Tiziani, M.D., as the newest fellow. He completed his residency program at the University Hospital in Zurich, Switzerland, and then did a short surgical rotation in Thurgau, Switzerland, prior to the fellowship.

The Hansjörg Wyss gift has continued to provide annual fellowship support at Parkland, an annual AO fellowship for a senior resident, and many other educational resources for the residents and fellows. This past June, the section hosted the UT Southwestern Hansjörg Wyss Orthopaedic Trauma Symposium in Dallas. The event brought in guest speakers from around the world to discuss the latest in orthopaedic trauma case studies. This biennial symposium will return in 2024. Email Katelyn Martens (katelyn.martens@utsouthwestern.edu) if you would like to be kept up to date with information pertaining to the event.





Musculoskeletal Oncology

Clinical activity

The UT Southwestern Department of Orthopaedic Surgery established a new section for Musculoskeletal Oncology that is currently made up of two surgeons: Alexandra (Alex) Callan, M.D. (section chief), and Robert (Bobby) Weinschenk, M.D. Together, they provide personalized care for patients with sarcomas and other bone or soft tissue tumors, serving at UT Southwestern, Simmons Comprehensive Cancer Center, and Parkland Memorial Hospital. Additionally, Dr. Callan treats pediatric patients at Children's Health, where she is Director of Orthopaedic Oncology. Drs. Callan and Weinschenk are active members of the weekly Multidisciplinary Sarcoma Conference, which is designed to establish treatment plans for complex patients. The Musculoskeletal Oncology section uses innovative surgical techniques and reconstruction designs to optimize limb salvage surgery in sarcoma patients. For patients battling metastatic bone disease, the team's goal is to decrease pain and help improve function to tolerate treatment in patients' fight against cancer. The team is happy to evaluate all patients with complex problems – from benign or malignant soft tissue and bony tumors to complex total joint reconstructions or infections.

Scholarly activity

The Musculoskeletal Oncology section focuses on scholarly and research efforts. Dr. Callan continues to use her Dedman Clinical Scholar funds to help track outcomes in orthopaedic oncology patients using patient-reported outcome metrics and FitBit activity trackers. She has built a prospective database to maintain both clinical and functional outcomes in patients with rare diseases. Additionally, she has focused her efforts writing curriculum for the American Academy of Orthopaedic Surgeons on the surgical management of lower extremity bone metastases and an *Orthopaedic Knowledge Update* review on bone tumors. Dr. Weinschenk has established a translational research lab studying osteoblast stem cell response to chemotherapy. Additionally, he is exploring the role of mechanotransduction in allograft and fracture healing, as well as collaborating with scientists at UT Dallas to work on creating a 3D-printed bone model to use for biomechanical testing. He also has recently published work on chondrosarcomas and walking function after internal hemipelvectomy with reconstruction. Both Drs. Callan and Weinschenk enthusiastically engage young clinician-scientists in a monthly "Team Tumor" research meeting and explore clinical questions using UTSW's own oncology database, the NSQIP, Pearl Diver, and the Texas Cancer Database.

Education

Drs. Callan and Weinschenk are dedicated to the education of residents and medical students. Every Chief Resident (PGY-5) spends a clinical rotation on the Musculoskeletal Oncology service, participating in weekly research and indications meetings, engaging in tumor board meetings, and taking part in complex decision making involved in treating patients with sarcoma or metastatic bone disease. From their rotations at Children's Health, Parkland, and UT Southwestern, they see a gamut of pathology cases. Additionally, Dr. Callan serves as the Co-Director of the Musculoskeletal and Skin Course for medical students. Dr. Weinschenk serves as the Co-Medical Student Orthopaedic Surgery Liaison. Both Drs. Callan and Weinschenk teach medical students and give several lectures to residents throughout the year. During the pandemic, the annual resident musculoskeletal pathology competition known as the "Corona Cup" was conceived, and the team looks forward to the fourth installment of that event in 2023.

Scottish Rite for Children

A Century of Giving Children Back Their Childhood

Founded in 1921, Scottish Rite for Children is a leader in the treatment of pediatric orthopaedic conditions such as scoliosis, clubfoot, hand maladies, hip disorders, sports injuries and fractures, and certain related arthritic conditions and neurological and learning disorders, such as dyslexia. Patients receive treatment regardless of the family's ability to pay. Three locations in North Texas – one in Dallas, two in Frisco – serve the region's growing pediatric patient population. *U.S. News & World Report* has repeatedly recognized Scottish Rite's achievements, consistently ranking the institution, in conjunction with Children's Health, among the premier pediatric orthopaedic facilities in the United States. This year, Scottish Rite for Children was nationally ranked third in Pediatric Orthopaedics by the publication, making Scottish Rite the best pediatric orthopaedic provider in the Southwest.

Clinical activity

Scottish Rite for Children is a busy pediatric referral center, and it has one of the largest and most experienced pediatric orthopedic teams in the country. Led by Chief of Staff Daniel J. Sucato, M.D., M.S., the institution's success and excellent patient care are closely tied to the collaborative relationship with UT Southwestern Medical Center. In its 100-year history, Scottish Rite has provided pediatric orthopaedic care to nearly 350,000 children from across Texas and beyond. In 2021, the organization had 68,202 outpatient visits and performed 3,165 surgeries.

Scholarly activity

The various research divisions at Scottish Rite for Children have made significant strides in discovering the most innovative treatment options for their pediatric patient populations. By asking new questions to investigate certain conditions – from the common to the complex – Scottish Rite focuses on the goal of advancing care overall and helping children get back to doing what they love.

Examples of recently published studies include the discovery of genetic factors associated with clubfoot and scoliosis; a novel hinge-link correction system for vertebral column resection; assessment of psychological responses and social distancing on physical activity in children due to the COVID-19 pandemic; correlates of reading intervention outcomes in dyslexia students receiving online instruction; and continued play following adolescent sports-related concussion. In addition, Scottish Rite received a grant focused on early onset scoliosis from the Orthopaedic Research Education Foundation OREF/SRS/POSNA Transform Practice – Spinal Growth, which provides the opportunity to support the study and collaborate with researchers from institutions across the country who participate in the Pediatric Spine Study Group.

Education

Scottish Rite for Children provides several areas for medical staff, fellows, residents, and all other staff to continue their education through weekly/monthly conferences, symposiums, visiting professorships, and much more. The institution is the training ground for the next generation of world-class pediatric orthopaedic physicians through the Dorothy and Bryant Edwards Fellowship in Pediatric Orthopedics and Scoliosis and other fellowship programs. The Edwards yearlong fellowship includes becoming a member of the patient care team and high-level surgical experience, as well as the opportunity to work closely with the research team on a topic of the fellow's choice. Fellows also complete rotations at Children's Health, one of only two pediatric Level 1 trauma centers in Texas. Additionally, Scottish Rite welcomes three UTSW orthopaedic residents for six-month rotations that include monthlong sessions paired with one of the staff in a mentorship format, attending clinics and the operating rooms together. At the end of their rotation, the residents complete a research project that is publishable in the literature.

Alexis Jean-Morgan, age 6, and Dr. Megan Johnson



Alexander Blande (left) with Dr. Amy McIntosh



Shekinah Medukam, age 16, and Dr. Jaysson Brooks



Bella and Esther with Dr. McIntosh

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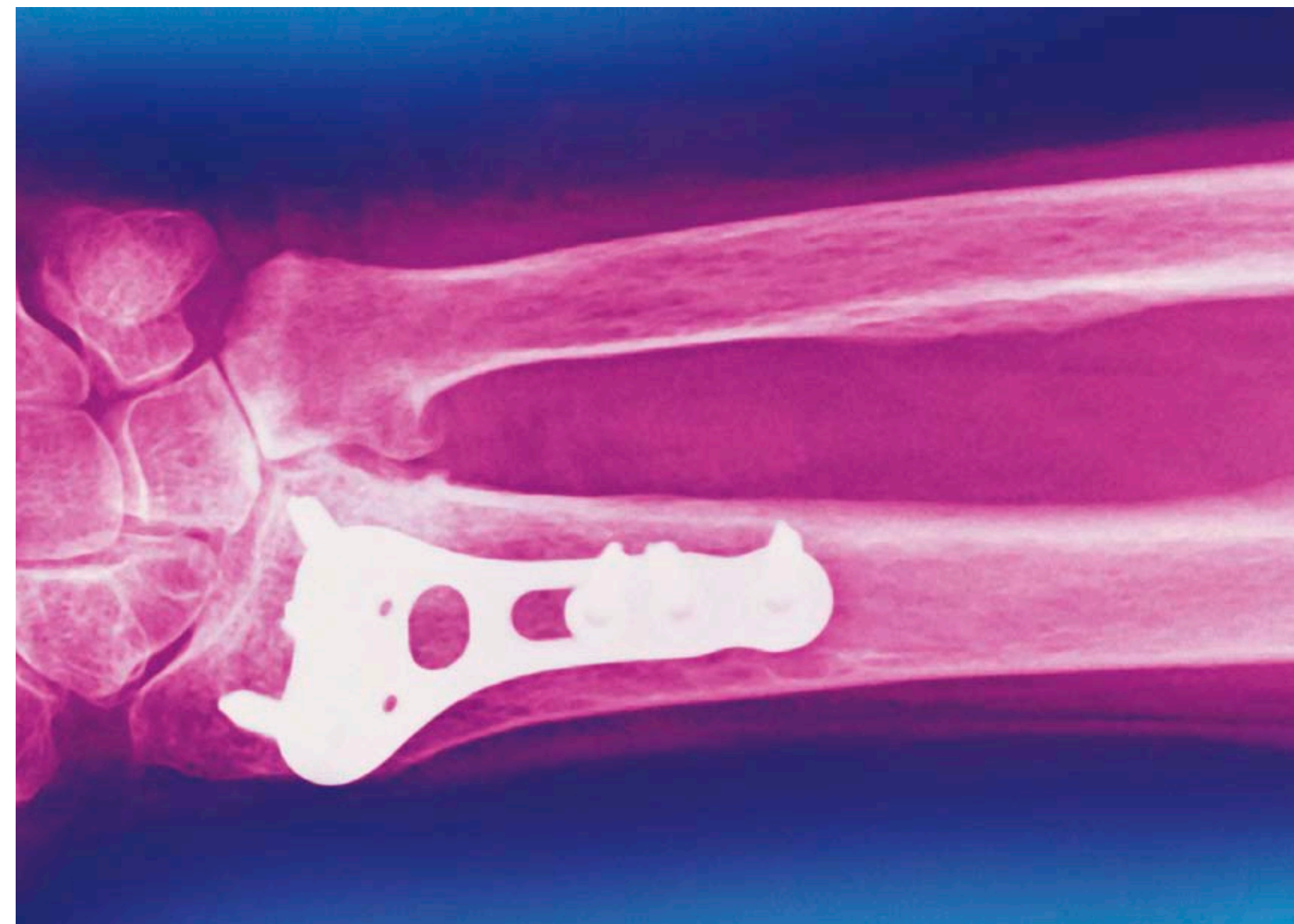
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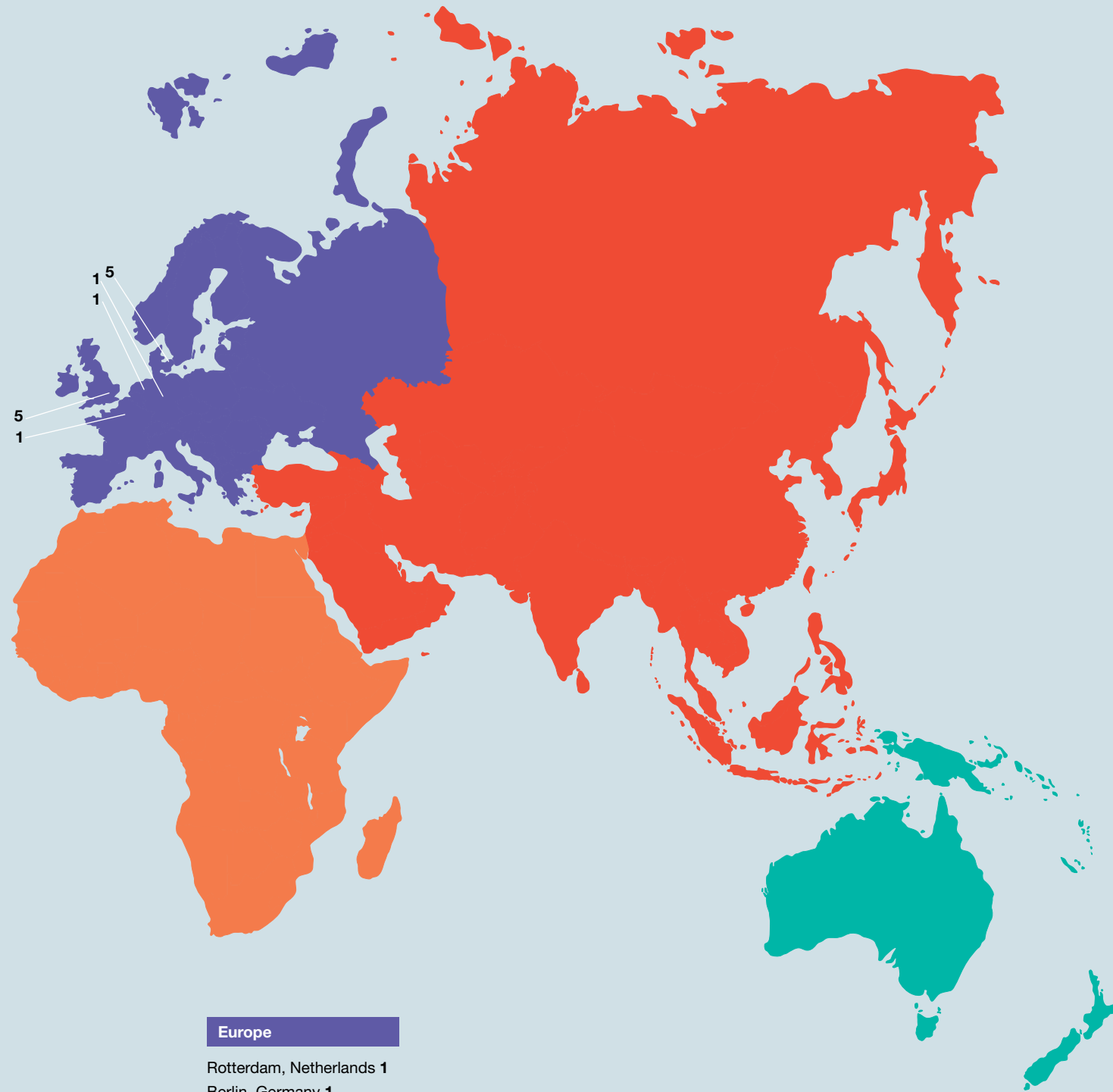
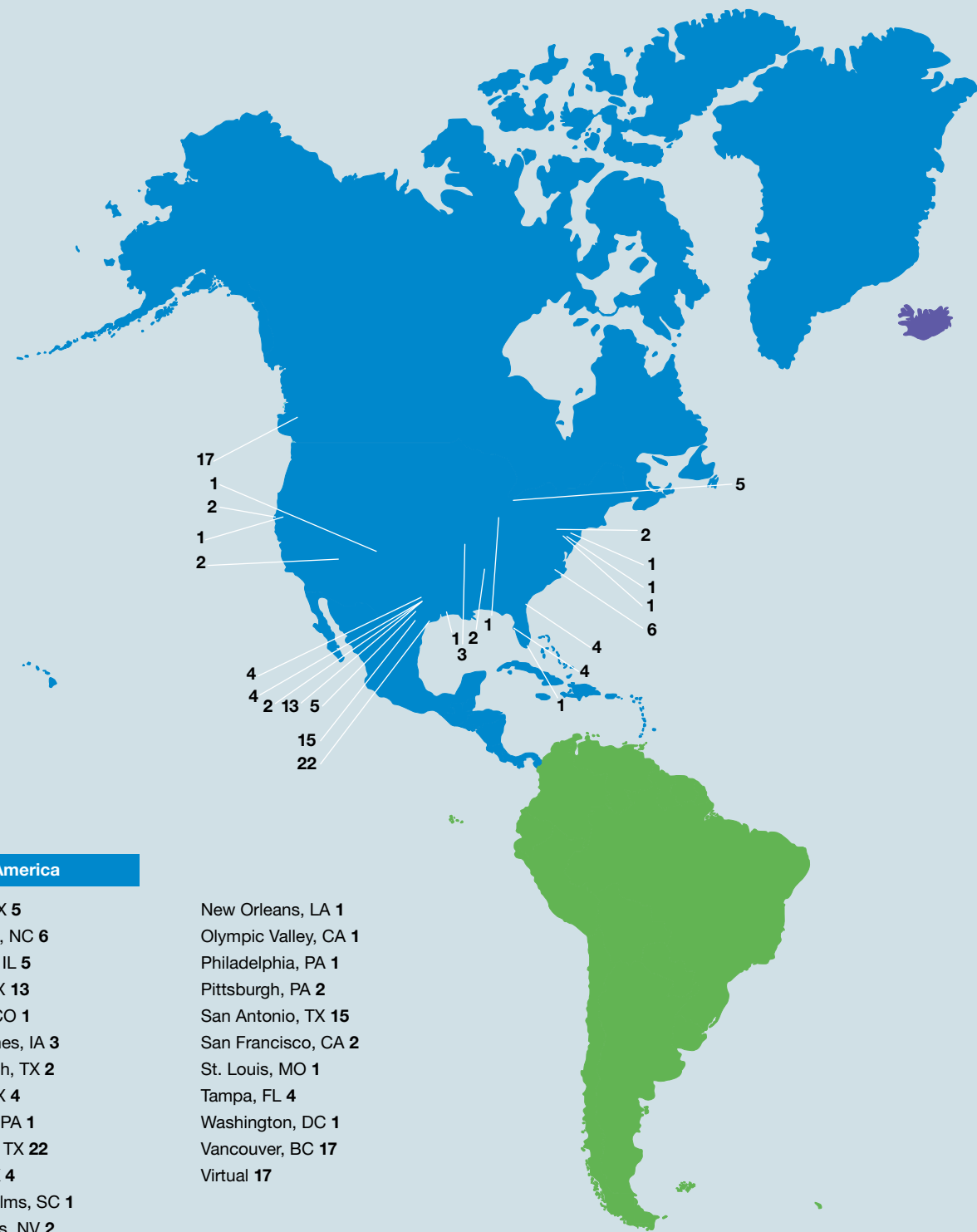
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Map of the World – Location Count



North America

- Austin, TX 5
- Charlotte, NC 6
- Chicago, IL 5
- Dallas, TX 13
- Denver, CO 1
- Des Moines, IA 3
- Fort Worth, TX 2
- Frisco, TX 4
- Hershey, PA 1
- Houston, TX 22
- Irving, TX 4
- Isle of Palms, SC 1
- Las Vegas, NV 2
- Miami, FL 1
- Nashville, TN 2
- New Orleans, LA 1
- Olympic Valley, CA 1
- Philadelphia, PA 1
- Pittsburgh, PA 2
- San Antonio, TX 15
- San Francisco, CA 2
- St. Louis, MO 1
- Tampa, FL 4
- Washington, DC 1
- Vancouver, BC 17
- Virtual 17

Europe

- Rotterdam, Netherlands 1
- Berlin, Germany 1
- Copenhagen, Denmark 5
- London, England 5
- Paris, France 1

Presentations

1st MTPJ Fusion vs. Implant: Do I Choose Based on the Patient or the Joint?

Matthew Johnson, D.P.M.

Southwest Foot and Ankle Conference; Frisco, TX

Aborted AIS Spinal Fusion Due to Persistent Loss of IONM: When Is It Safe to Return to the OR?

Amy L. McIntosh, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

An Activity Scale for All Youth Athletes? An Analysis of the Hss Pedi-Fabs in 2,274 Pediatric Sports Medicine Patients

Henry B. Ellis, M.D.; Shane M. Miller, M.D.; Philip L. Wilson, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

Anterior Displacement of Tibial Spine Fractures: Does Anatomic Reduction Matter?

Henry B. Ellis, M.D.

Pediatric Orthopaedic Society of North America (POSNA); Vancouver, BC

Anxiety History and Injury Characteristics Among Young Athletes Who Did and Did Not Receive a CT Scan After a Concussion

Jane S. Chung, M.D.; Jacob C. Jones, M.D.; Shane M. Miller, M.D.

American Medical Society for Sports Medicine (AMSSM) Annual Meeting; Austin, TX

Are There Differences Between Conversion THR Following Previous Intertrochanteric Fractures Treated with Intramedullary vs. Extramedullary Devices: Systematic Review from 2010-2020

Emmanuel Adeyemo, B.A.; Dietrich Riepen, M.D.; Matthew Igbinigie M.D.; Dustin Rinehart M.D.; Michael Huo M.D.

Hip Society Summer Meeting 2021; Washington, DC

[Arthroscopic Ankle Anatomy](#)

George Liu, D.P.M.

American College of Foot and Ankle Surgeons Skills Workshop, Orthopaedic Learning Center; Chicago, IL

[Arthroscopic Treatment of Cystic Talus Osteochondral Lesions – Long-Term Results](#)

Kshitij Manchanda, M.D.

Arthroscopy Association of North America 2022 Annual Meeting; San Francisco, CA

[Arthroscopically Assisted Particulated Juvenile Allograft Cartilage Implantation and Bone Grafting for Treatment of Large Cystic Osteochondral Lesions of the Talus – A Case Series](#)

Kshitij Manchanda, M.D.

American Orthopaedic Foot and Ankle Society 2021 Annual Meeting; Charlotte, NC

[Biomechanical Comparison of Four Transsacral Fixation Constructs in a Type 61C, Zone II Pelvic Fracture Model](#)

Hallie Bradly, M.D.; David O'Neill M.D.; Drew Sanders, M.D.; Adam Starr, M.D.

Clinical Orthopaedic Society Annual Meeting 2021; Nashville, TN

[Brace Treatment Does Not Improve Acetabular Coverage or Reduce the Rate of Secondary Surgery Following Closed Reduction of Developmental Dysplasia of the Hip](#)

Harry K. Kim, M.D.; William Z. Morris, M.D.

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

[Building a Geriatric Fracture Program at UTSW](#)

Megan Sorich, D.O.

UT Southwestern PM&R Grand Rounds; Dallas, TX

[Careers in Orthopaedic Surgery: A Guide for Success](#)

Dane Wukich, M.D.

UT Southwestern Medical Student Orthopaedic Interest Group; Dallas, TX

[Case Report: Tibiototalcalcaneal Arthodesis Utilizing a Titanium Mesh Implant for Limb Salvage After Failed Charcot Reconstruction](#)

Keemia Heidari, M.D.

American Orthopaedic Foot & Ankle Society Annual Meeting 2021; Charlotte, NC

[Characterization of Patellofemoral Instability in Pediatric Patients After Below-Knee Amputation](#)

Henry B. Ellis, M.D.; Corey S. Gill, M.D.; John Anthony Herring, M.D.; Matthew Igbinigie, M.D.

Association of Children's Prosthetic-Orthotic Clinics (ACPOC); Virtual

[Charcot Case Presentation](#)

Katherine Raspovic, D.P.M.

Texas Podiatric Medical Association Annual Southwest Meeting; Dallas, TX

[Charcot: Diagnosis, Classification, and Staging](#)

Matthew Johnson, D.P.M.

Southwest Foot and Ankle Conference; Frisco, TX

[Charcot Neuroarthropathy](#)

Matthew Johnson, D.P.M.

UT Dallas Engineering Lecture Series; Dallas, TX

[Charcot Principles and Management](#)

Dane Wukich, M.D.

Diabetes Feet Australia: 2021 Conference; virtual

[The Clinical Significance of Infolded Limbus on Post-Reduction Arthrogram in Developmental Dysplasia of the Hip](#)

John A. Herring, M.D.; Harry K. Kim, M.D.; William Z. Morris, M.D.

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

[Comparing Academic Challenges and Quality of Life in Concussed Adolescents Pre- and During the COVID-19 Pandemic](#)

Shane M. Miller, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

[Complications and Pitfalls in Midfoot Charcot Reconstruction](#)

Katherine Raspovic, D.P.M.

Sociedad Argentina de Medicina y Cirugía de Pie y Pierna (SAMeCiPP); virtual

[Complications That Only Cowgirls Can Fix](#)

Katherine Raspovic, D.P.M.

American College of Foot and Ankle Surgeons Annual Scientific Conference; San Antonio, TX

Concussion Trends in Pediatric Athletes Presenting to Outpatient Clinics Pre- and Post-COVID-19 Pandemic Shutdown

Jane S. Chung, M.D.; Jacob C. Jones, M.D.; Shane M. Miller, M.D.

American Medical Society for Sports Medicine (AMSSM); Austin, TX

Constriction Ring Syndrome

Scott Oishi, M.D.

Chinese Society for Surgery of the Hand; virtual

Conversion Total Hip Arthroplasty Following Previous Hip Fractures: A 10-Year, Single Institution Experience

Michael Huo, M.D.

International Hip Society; Berlin, Germany

Curve Characteristics and Clinical Outcomes in Post-Sternotomy/Thoracotomy Scoliosis Undergoing Definitive Spinal Fusion

Anthony I. Riccio, M.D.

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

Diabetic Foot Ulcers: State of the Art

Dane Wukich, M.D.

UPMC 8th Annual Comprehensive Wound Care Symposium; Pittsburgh, PA

Differences in Lower Extremity Kinematics Based on Drop Vertical Jump Task Variations

Sophia Ulman, Ph.D.

Pediatric Research in Sports Medicine (PRISM); Houston, TX

Differences in Sports-Specific Functional Recovery After Primary ACL Reconstruction in the Adolescent Athlete

Henry B. Ellis, M.D.; Philip L. Wilson, M.D.

UTSW Surgery Research Forum; Dallas, TX

Discussion on Leadership

Dane Wukich, M.D.

Arizona State University W.P. Carey School of Business Executive M.B.A. Program; virtual

Distal Humeral Osteotomy for Cubitus Varus in Children Compared to Adolescents

Christine Ho, M.D.; Philip L. Wilson, M.D.

American Orthopaedic Association (AOA); Chicago, IL

Does Time of Season Impact Concussion Presentation and Outcomes in Youth Football Athletes?

Jane S. Chung, M.D.; Jacob C. Jones, M.D.; Shane M. Miller, M.D.

American Medical Society for Sports Medicine (AMSSM); Austin, TX

Early Changes to the Growth Plate Zones and Primary Spongiosa Secondary to Femoral Head Ischemia in a Piglet Model of Legg-Calvé-Perthes Disease

Harry Kim, M.D.

Orthopaedic Research Society (ORS); Tampa, FL

The Effect of Smoking on Short-Term Postoperative Complications After Elective Surgery on the Hand (podium presentation)

Daniel Koehler, M.D.; Ann Golden, M.D.; Robert Bass, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

Effect of Smoking on Short-Term Postoperative Complications After Elective Upper Extremity Surgery

Junho Ahn, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

Effects of a Medial Unloader Brace on Gait Mechanics in Patients with Osteochondritis Dissecans

Henry B. Ellis, M.D.; Sophia Ulman, Ph.D.; Phillip L. Wilson, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Elective Musculoskeletal Surgery Leads to Postoperative Weight Changes in Pediatric Patients

Henry B. Ellis, M.D.; Brandon Ramo, M.D.; Phillip L. Wilson, M.D.

Mid-America Orthopaedic Association (MAOA); San Antonio, TX

Elective Sports Surgery Leads to Postoperative Weight Changes in Pediatric Patients

Henry B. Ellis, M.D.; Brandon A. Ramos, M.D.; Phillip L. Wilson, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Epidemiology of International Patients with Lower Limb Deficiencies Treated at a United States-Based Pediatric Prosthesis Clinic

Corey S. Gill, M.D.; John Anthony Herring, M.D.

Consortium of Universities for Global Health; virtual Association of Children's Prosthetic-Orthotic Clinics (ACPOC); virtual

60th Annual UTSW Medical Student Research Forum; Dallas, TX

Evaluation of Radiographic Parameters Following Dorsal Wrist-Spanning Plate Fixation of Distal Radius Fractures to the Second Versus Third Metacarpal

Daniel Koehler, M.D.; Ann Golden, M.D.

American Society of Surgery of the Hand Annual Meeting; San Francisco, CA

Evaluation of the Diabetic Foot: Comprehensive Exam and Risk Assessment

Matthew Johnson, D.P.M.

Southwest Foot and Ankle Conference; Frisco, TX

Ex Vivo Study of Detergent-Assisted Intraosseous Bone Wash Treatment of Osteonecrosis

Harry Kim, M.D.

Orthopaedic Research Society (ORS); Tampa, FL

Find from the PRISM Concussion Rig: Does the 5P Risk Score Predict Persistent Post-Concussive Symptoms in a Multicenter Sample of Youth Athletes?

Shane M. Miller, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Hammertoe Repair: Are K-Wires Enough or Should I Use Other Implants?

Matthew Johnson, D.P.M.

Southwest Foot and Ankle Conference; Frisco, TX

Head Osteotomies for Hallux Valgus – Which Ones Are Best?

Michael VanPelt, D.P.M.

TPMA Southwest Foot and Ankle Conference; Irving, TX

Higher Student Confidence in Their School's Academic Support Associated with Lower Adverse Academic Concern Following Concussion

Shane M. Miller, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Hip-Spine Syndrome: Lumbosacral Spine Transitional Vertebral Anomalies Are Frequent in Adult Acetabular Dysplasia – A Cross-Sectional Evaluation of a Prospective Hip Registry Cohort

Joshua Sun, M.D.; Avneesh Chhabra, M.D., M.B.A.; Uma Thakur, M.D.; Joel Wells, M.D., M.P.H.

International Skeletal Society (ISS) 2021 Scientific Session Committee Electronic Exhibit Listing

How Safe Is Regional Anesthesia in Pediatric Orthopaedics: A Review of Prospective Data from the Sports Cohort Outcome Registry (SCORE) – A Quality Improvement Initiative

Henry B. Ellis, M.D.; Philip L. Wilson, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

How to Best Optimize the Geriatric Elective Surgery Patient

Megan Sorich, D.O.

UT Southwestern Orthopaedic Surgery Grand Rounds; Dallas, TX

Identifying Risk Factors for Nonunion of Modified Lapidus Procedure for the Correction of Hallux Valgus

Kshitij Manchanda, M.D.

American Orthopaedic Foot and Ankle Society 2021 Annual Meeting; Charlotte, NC

Impact of Surgical Treatment on Parent-Reported Health Outcome Measures in Early-Onset Scoliosis: Stable but No Improvement at 2 Years

Brandon Ramo, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Improvement in Postural Control Following Concussion in Adolescent Athletes: From Clinical Presentation to Initiation of Return to Play

Jane Chung, M.D.; Henry B. Ellis, M.D.; Jacob C. Jones, M.D.; Sophia Ulman, Ph.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Inflammatory Markers: Can They Help Differentiate Between Soft Tissue and Bone Infection?

Katherine Raspovic, D.P.M.

American College of Foot and Ankle Surgeons Annual Scientific Conference; San Antonio, TX

Initial Clinical and Radiographic Analysis of a Novel Total Knee Arthroplasty Design

Rohit Thota, M.D.; Dietrich Riepen, M.D.; Michael Huo, M.D.

Pennsylvania Orthopaedic Society Annual Meeting; Hershey, PA

Injury Characteristics Among Pediatric Athletes Who Did and Did Not Undergo a CT Scan Following Concussion

Jacob Jones, M.D.; Jane Chung, M.D.; Shane Miller, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Inter- and Intra-Tester Reliability of Motion Capture of Six Sports Tasks Used for Return-to-Sport Testing

Sophia Ulman, Ph.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Internal Joint Stabilizer of the Elbow for Unstable Fracture Dislocation: A New Solution

Evan Fene, M.D.; Ishvinder Grewal, M.D.; John Eakin, M.D.; Drew Sanders, M.D.; Adam Starr, M.D.

Society of Military Orthopaedic Surgeons 2021 Annual Meeting; Olympic Valley, CA

Is Percutaneous Heel Cord Tenotomy a Necessary Component in the Ponseti Treatment of Idiopathic Clubfoot Deformity?

Anthony I. Riccio, M.D.

Brandon Carrell Visiting Professorship; Dallas, TX

Is the Lateral Cuneiform Large Enough to Support Interference Screw Fixation for Tibialis Anterior Tendon Transfer in Children Aged 3 to 6 Years?

Anthony I. Riccio, M.D.

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

Lack of In-Brace X-Rays in Compliant AIS Patients Wearing Full-Time TLSO Braces Associates with Failure

Amy L. McIntosh, M.D.; Kiley Poppino, B.S.; Isabel Alvarez, B.S.; Lori A. Karol, M.D.

Mid-America Orthopaedic Association Annual Meeting; San Antonio, TX

Late Dysplasia After Successful Pavlik Harness Treatment for Developmental Dysplasia of the Hip

Harry K. Kim, M.D.; William Z. Morris, M.D.; Dan Sucato, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Leadership and Orthopaedic Surgery

Dane Wukich, M.D.

Grand Rounds: Hospital Italiano de Buenos Aires; virtual

Lessons Learned from the Treatment of Children with Staphylococcus Aureus Bacteremia Associated with Acute Hematogenous Osteomyelitis: Implications of Severity of Illness Stratification on Antibiotic and Surgical Treatment

Lawson A. Copley, M.D.

European Society for Paediatric Infectious Diseases; Rotterdam, The Netherlands

Local Administration of Bone Morphogenetic Protein 2 Using a Hydrogel Carrier for a Homogeneous Repair of Legg-Calvé-Perthes Disease

Harry Kim, M.D.

Orthopaedic Research Society (ORS); Tampa, FL

Long-Leg Versus Short-Leg Cast Immobilization for Displaced Distal Tibial Physeal Fractures

Christine Ho, M.D.

American Academy of Orthopaedic Surgeons (AAOS); Chicago, IL

Long-Leg vs. Short-Leg Casts for Displaced Distal Tibial Physeal Fractures

Christine Ho, M.D.

Clinical Orthopaedic Society; Nashville, TN

Long-Term Outcome Measures Following Arthroscopically Assisted Particulated Juvenile Allograft Cartilage Implantation for Treatment of Difficult-to-Treat Osteochondral Lesions of the Talus

Kshitij Manchanda, M.D.

American Orthopaedic Foot and Ankle Society 2021 Annual Meeting; Charlotte, NC

Long-Term Outcome of Long-Head of Triceps Transfer in Arthrogryptic Patients

Scott Oishi, M.D.

International Federation of Societies for Surgery of the Hand; London, UK

Low Energy Trauma

Michael VanPelt, D.P.M.

ACFAS Scientific Conference; Austin, TX

Macrodactyly Debate 2 – Session Congenital Hands: Digits

Scott Oishi, M.D.

International Federation of Societies for Surgery of the Hand; London, UK

Management of the Clasped Thumb in Arthrogryposis: My Preferred Method

Scott Oishi, M.D.

Journal of Plastic and Aesthetic Research (PAR) Webinar; virtual

A Multicenter Comparison of Open Versus Arthroscopic Reduction and Internal Fixation for Tibial Spine Fracture

Henry B. Ellis, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Multi-Needle Bone Wash and Injection of Ibandronate Decreases Bone Void and Increases Endochondral Bone Formation in a Piglet Model of Legg-Calvé-Perthes Disease

Harry K. Kim, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Multi-Needle Bone Wash and Injection of Ibandronate Preserves the Femoral Head Morphology and Prevents Bone Resorption in a Piglet Model Of Legg-Calvé-Perthes Disease

Harry Kim, M.D.

Orthopaedic Research Society (ORS); Tampa, FL

My Preferred Method and Why – Session Congenital Forearm and Epiphyseal

Scott Oishi, M.D.

International Federation of Societies for Surgery of the Hand; London, UK

A New Age: Literature Supported Uses of Regenerative Medicine Products

Michael VanPelt, D.P.M.

ACFAS Scientific Conference; Austin, TX

Nonoperative Management of the Charcot Foot

Katherine Raspovic, D.P.M.

Texas Podiatric Medical Association Annual Southwest Meeting; Dallas, TX

A Novel Hinge-Link Correction System for Vertebra Column Resection

Hong Zhang, M.D.

International Meeting on Advanced Spine Techniques (IMAST); Miami, FL

Obesity Delays Revascularization and Bone Healing via an LDL-Mediated Mechanism in a Mouse Model of Ischemic Osteonecrosis

Harry K. Kim, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Obesity Increases Risk for Surgical Site Infection and Wound Dehiscence After Pediatric Foot Surgery: A Retrospective Cohort Review Using the NSQIP Pediatric Database

Anthony I. Riccio, M.D.; Dane K. Wukich, M.D.

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

Optimizing Surgical Outcomes in Charcot

Katherine Raspovic, D.P.M.

2021 Heartland Foot and Ankle Conference; Des Moines, IA

Optimizing Surgical Outcomes in Patients with Diabetes and Neuropathy

Katherine Raspovic, D.P.M.

University of Pittsburgh Medical Center Resident Lecture Series; Pittsburgh, PA

Osseous and Cartilaginous Trochlear Morphology in Pediatric Patients from 2 Months to 11 Years of Age: A Descriptive Analysis Based on Computed Tomography Scanning

Henry B. Ellis, M.D.; Philip L. Wilson, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Outcomes and Cost of Reduction of Overriding Pediatric Distal Radius Fractures

Brandon Ramo, M.D.; Hallie Bradley, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Paediatric Case Presentations and Discussion – Steven Hovius and Scott Oishi

Scott Oishi, M.D.

British Society for Surgery of the Hand Virtual Meeting

Panel Lecture Board with Included Talk: Constriction Ring Syndrome

Scott Oishi, M.D.

IFSSH, IFSHT & FESSH Combined Congress 2022; London, UK

Patient-Reported Outcomes of Over 900 Adults Who Had Childhood Legg-Calvé-Perthes Disease (LCPD)

Harry K. Kim, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

Pearls of Charcot Reconstruction – When to Pull the Trigger

Michael VanPelt, D.P.M.

ADA 81st Scientific Sessions; virtual

Pediatric Hurdle Injuries in Track and Field: A Descriptive Epidemiologic Study

Jacob C. Jones, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Pediatric Low-Grade ACL Sprains: Trends in Characteristics, Management, and Outcomes

Henry B. Ellis, M.D.; Jacob C. Jones, M.D.; Phillip Wilson, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Periacetabular Osteotomy (PAO) for Adolescent Hip Dysplasia: The Role of the Hip Joint Center Medialization in Gait, Hip Strength, and Functional Outcomes

Dan Sucato, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Pollicization Outcomes and Measurement – Session Congenital Hand: Thumb Anomalies

Scott Oishi, M.D.

IFSSH, IFSHT & FESSH Combined Congress 2022; London, UK

The Ponseti Method for the Treatment of Clubfeet Associated with Down Syndrome

Anthony I. Riccio, M.D.

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Posterior Tibial Tendonitis: How Bad Is It to Require Tendon Transfer, Fusions, or Osteotomies?

Michael VanPelt, D.P.M.

TPMA Southwest Foot & Ankle Conference; Irving, TX

Postoperative Changes in Curve Magnitude: Real or Imagined?

Kendall Anigian, M.D.; Jaclyn Kapilow, M.D.; Lori A. Karol, M.D.; Amy L. McIntosh, M.D.

Southern Orthopaedic Association; Isle of Palms, SC

Predictors of Re-Operation in Adolescents Undergoing Hip Preservation Surgery for Femoroacetabular Impingement

Philip A. Serbin, M.D.; Tyler Youngman, M.D.; Henry B. Ellis, M.D.; Phillip L. Wilson, M.D.; Dan Sucato, M.D.; David Podeszwa, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Mid-America Orthopaedic Association Annual Meeting; San Antonio, TX

American Academy of Pediatrics Annual Meeting; Philadelphia, PA

Predictors of Recovery in Adolescents with Preexisting Mental Health Problems Following Sports-Related Concussion

Shane M. Miller, M.D.

International Neuropsychological Society Annual Meeting; New Orleans, LA

Primary Paraganglioma of the Spine: A Systematic Review

Shaleen Vira, M.D.; Keemia S. Heidari, M.D.

Congress of Neurological Surgeons (CNS) Spine Section – Spine Summit 2022; Las Vegas, NV

Quality of Life and Diabetic Foot Surgery

Dane Wukich, M.D.

Joint Symposium of King's College London Charcot Meeting, 7th Annual Conference of the Association of Diabetic Foot Surgeons; virtual

Quantifying the Relationship Between the Medial Patellofemoral Complex and Patellar Borders: A Pediatric Cadaveric Study

Henry B. Ellis, M.D.; Philip Wilson, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Radial Club Hand Without Wrist Stabilization

Scott Oishi, M.D.

French Society of Hand Surgery and SFRM-GEMMSOR 57th Congress; Paris, France

Re-Fractures of the Radius and Ulna in Adolescents: Tumbling and Contact Sports May Be at Risk in the First Year

Henry B. Ellis, M.D.; Corey S. Gill, M.D.; Phillip Wilson, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

Relationship Between Ankle Dorsiflexion Mobility and Functional Return-to-Sport Test Performance in Athletes Who Have Undergone ACL Reconstruction

Henry B. Ellis, M.D.; Sophia Ulman, Ph.D.; Phillip L. Wilson, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Remodeling of Adolescent Displaced Clavicle Fractures: A FACTS Study

Henry B. Ellis, M.D.; Philip L. Wilson, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Results of an Interim Analysis of a Prospective Multicenter Study Assessing Radiographic and Patient Outcomes Following Triplanar Tarsometatarsal Arthrodesis with Early Weightbearing

Dane Wukich, M.D.

American Orthopaedic Foot and Ankle Society Annual Meeting; Charlotte, NC

Retrospective Review of Suicide-Screening Questionnaire Responses in Pediatric Patients Receiving Treatment for Orthopaedic Conditions

Anthony I. Riccio, M.D.

Brandon Carrell Visiting Professorship; Dallas, TX

Review of Patient-Reported Outcomes in Periprosthetic Distal Femur Fractures After Total Knee Arthroplasty: A Plate or Intramedullary Nail?

Dustin Rinehart, M.D.; Tyler Youngman, M.D.; Junho Ahn, M.D.; Michael Huo, M.D.

American Geriatrics Society Annual Scientific Meeting; virtual

Revision Total Knee Arthroplasty with Metaphyseal Sleeve and Mobile Varus-Valgus Constraint Bearing

Sham Haider, B.S.; Timothy Brown, M.D.; Garen Collett, M.D.; Dustin Rinehart, M.D.; Dietrich Riepen, M.D.; Michael Huo, M.D.

International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine (ISAKOS) Congress 2021; virtual

Ring Fixator Techniques for Management of Complex Pediatric Foot Deformities

Anthony I. Riccio, M.D.

Brandon Carrell Visiting Professorship; Dallas, TX

S. Aureus Decolonization Program Reduces Surgical Site Infection in Pediatric Neuromuscular and Syndromic Spinal Fusion Patients

Amy L. McIntosh, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

Self-Reported Amnesia Following Concussion Predicts Greater Deficits in Quality-of-Life Domains Among Pediatric Athletes

Shane M. Miller, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Sex and Age Comparisons of Pediatric Track & Field Hurdle Injuries

Jacob C. Jones, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Significance of Isolated Hip Click as a Sign of DDH: Implications on Referral Guidelines for Pediatricians

Harry K. Kim, M.D.; William Z. Morris, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Single-Sport Athletes Not Experiencing Increase in Secondary Tear Incidence Despite Earlier Clearance

Henry B. Ellis, M.D.; Philip L. Wilson, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

Skin Substitutes for the Management of Chronic DFUs; When to Use and What to Choose

Katherine Raspovic, D.P.M.

Texas Podiatric Medical Association Annual Southwest Meeting; Dallas, TX

Spinal Fusion for Spine Deformity in Children with Arthrogyrosis Multiplex Congenita

Dietrich Riepen, M.D.; Karl Rathjen, M.D.

Scoliosis Research Society Annual Meeting; St. Louis, MO

Sport Participation and Specialization Characteristics in a Pediatric Sports Medicine Clinic

Jane Chung, M.D.; Jacob C. Jones, M.D.; Shane Miller, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Sports and More 2 – Moderator

Michael VanPelt, D.P.M.

TPMA Southwest Foot & Ankle Conference; Irving, TX

Subtalar Joint Arthroscopy

George Liu, D.P.M.

American College of Foot and Ankle Surgeons Skills Workshop, Orthopaedic Learning Center; Chicago, IL

Successful Frame Application and Biomechanics of External Fixation

Katherine Raspovic, D.P.M.

American College of Foot and Ankle Surgeons Annual Scientific Conference; San Antonio, TX

Suicidal Ideation in Pediatric Orthopaedic Patients

Anthony I. Riccio, M.D.

European Paediatric Orthopaedic Society (EPOS) Annual Meeting; Copenhagen, Denmark

Supracondylar Humerus Fractures: Evolution Over the Last 20 Years (Classics in Orthopaedics Speaker)

Amy L. McIntosh, M.D.

Mid-America Orthopaedic Association (MAOA) Annual Meeting; San Antonio, TX

Surgical Approach to Ankle/Hindfoot Charcot Reconstruction

Katherine Raspovic, D.P.M.

2021 Heartland Foot and Ankle Conference; Des Moines, IA

Surgical Approach to Midfoot Charcot Reconstruction

Katherine Raspovic, D.P.M.

2021 Heartland Foot and Ankle Conference; Des Moines, IA

Surgical Implications of Soft Tissue Depth in Primary Total Hip Arthroplasty

Dustin Rinehart, M.D.; Tyler Youngman, M.D.; Michael Huo, M.D.

21st Annual New England Science Symposium; virtual

Surgical Options for Osteomyelitis

Matthew Johnson, D.P.M.

Cardiovascular Innovations Conference; Denver, CO

Suture-Bridge Fixation of Osteochondral Fractures and Osteochondritis Dissecans in the Adolescent Knee: MIR Assessment of Healing

Phillip Wilson, M.D.; Henry B. Ellis, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Suture-Bridge Fixation of Osteochondral Fractures and Osteochondritis Dissecans in the Knee: Excellent Rates of Early Lesion Stability and Osseous Union

Henry B. Ellis, M.D.; Philip L. Wilson, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Taking Care of the Geriatric Trauma Patient as an Inpatient

Megan Sorich, D.O.

UT Southwestern Orthopaedic Surgery Grand Rounds; Dallas, TX

Tear Features and Surgical Techniques in 1,230 Meniscus Repairs in Children and Adolescents: Results from a Prospective, Multicenter Registry

Henry B. Ellis, M.D.; Phillip L. Wilson, M.D.

American Academy of Orthopaedic Surgeons (AAOS) Annual Meeting; Chicago, IL

Technical Trick: T-Bar External Fixator for Definitive Management of Periarticular and Metadiaphyseal Tibial Fractures (poster presentation)

Hallie Bradley, M.D.; Rohit Thota, B.A.; Drew Sanders, M.D.; Adam Starr, M.D.

Orthopaedic Trauma Association Annual Meeting 2021; Fort Worth, TX

Technique Variation for MPFL Reconstruction in Skeletally Immature Patients: Data from the Jupiter Cohort

Philip L. Wilson, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Tension Band Wiring Olecranon Process Fracture Using Polyethylene Sutures and Percutaneous Pins

Christine Ho, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Association Annual meeting, San Antonio, TX

Thirty-Day Versus One-Year Complications and Reoperations After Foot Amputation and Below-the-Knee Amputation: A Large Database Study

Dietrich Riepen, M.D.

American Orthopaedic Foot & Ankle Society Annual Meeting 2021; Charlotte, NC

Transphyseal Hemi-Epiphysiodesis Screws Allow for Faster Rate of Correction than Plates in the Knee for an Age- and Sex-Matched Cohort of Skeletally Immature Patients

Henry B. Ellis, M.D.; Philip L. Wilson, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Trauma Index of Mortality: A Real-Time Predictive Model for Polytrauma Patients

Adam Starr, M.D.; Dustin Rinehart, M.D.

Orthopaedic Trauma Association Annual Meeting; Fort Worth, TX

Treatment, Associated Injuries, and Long-Term Sequelae of Pinning Mechanism Femur Fractures Secondary to Motor Vehicle vs. Pedestrian Injuries

Corey S. Gill, M.D.; Brandon Ramo, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC

Triceps to Biceps – Session Congenital Contracture Arthrogyrosis

Scott Oishi, M.D.

IFSSH, IFSHT & FESSH Combined Congress 2022; London, UK

Tricks for Syndesmosis Reduction: Systematic Approach to Getting It Right

George Liu, D.P.M.

American College of Foot and Ankle Surgeons 2021 Annual Scientific Conference; Las Vegas, NV

Turf Toe – Out for the Season?

Michael VanPelt, D.P.M.

TPMA Southwest Foot & Ankle Conference; Irving, TX

Type I Tibial Spine Fractures: Not So Simple to Classify, Not So Easy to Treat; A Multicenter Study

Henry B. Ellis, M.D.

Pediatric Research in Sports Medicine (PRISM) Annual Meeting; Houston, TX

Updates in Patient Safety: Considering the Role of Anesthesia Exposure in Pediatric Cognitive Development

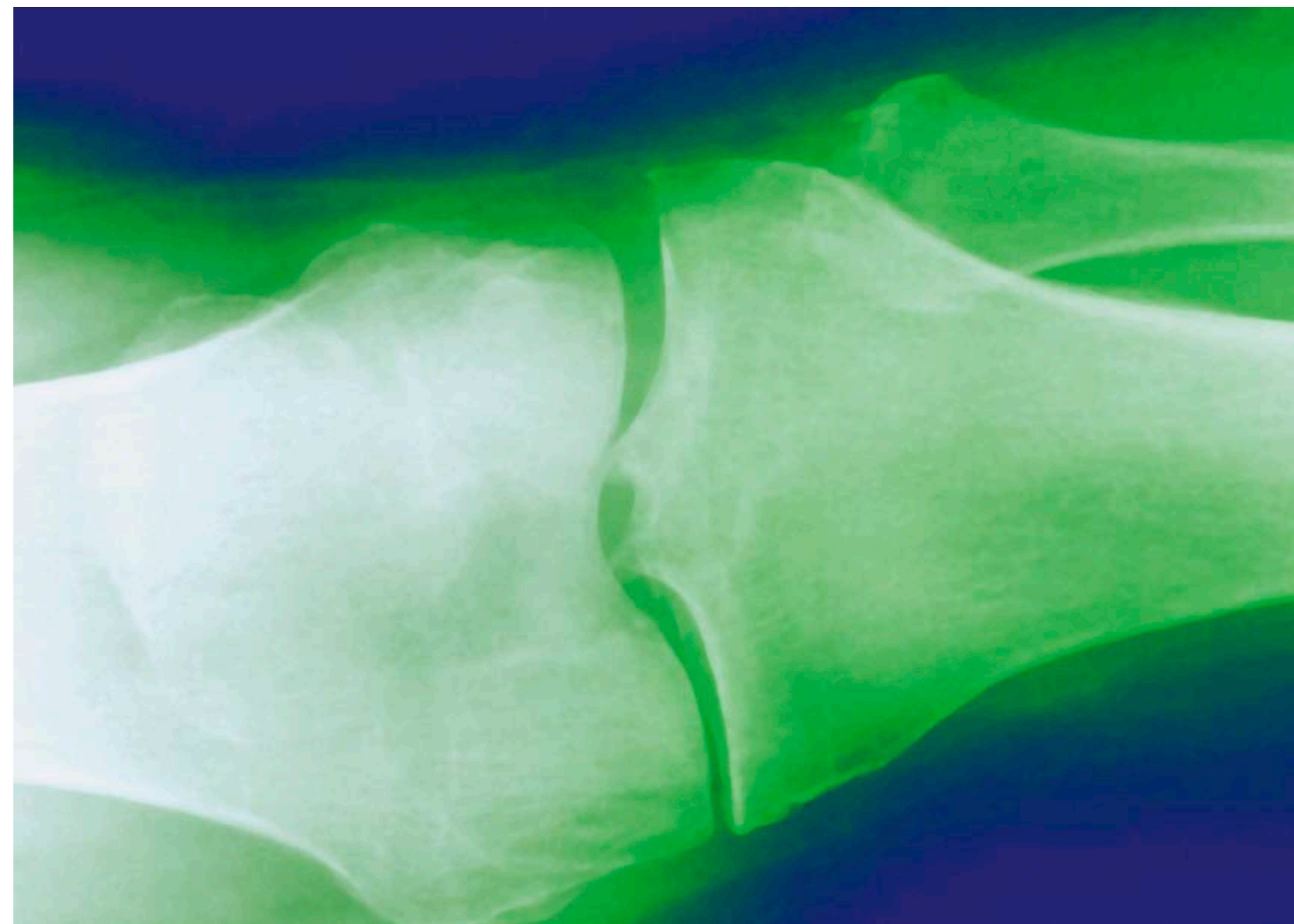
Scott Oishi, M.D.

American Society of Surgery of the Hand Annual Meeting; virtual

When the Toes Won't Fit in the Shoe: How I Approach Polydactyly and Hallux Varus in the Older Child

Anthony I. Riccio, M.D.

Pediatric Orthopaedic Society of North America (POSNA) Annual Meeting; Vancouver, BC



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