November and December 2023 News and Updates

UT Southwestern Medical Center

Department of Orthopaedic Surgery

Volume 2 | Issue 10

Top Story



What is an AC joint injury, and why is it so common in contact sports? | UT Southwestern MedBlog

AC joint injury is the most common joint dislocation injury. Many notable football players this season have faced this injury, include Indianapolis Colts quaterback, Anthony Richardson, and University of Texas Longhorns QB, Quinn Ewers. Though healing takes time, it's highly treatable - often without surgery. **Michael Khazzam, M.D.** recently wrote a MedBlog on AC joint injuries making an impact on contact sports.

Publication Spotlight

Parkland Trauma Index of Mortality in Orthopaedic Trauma Patients: An Initial Report

Our Orthopaedic Trauma Section (Adam Starr, M.D., Drew Sanders, M.D., Ashoke Sathy, M.D. and Ishvinder Grewal, M.D.) had a research article published this month on the Parkland Trauma Index of Mortality and its impact on orthopaedic trauma patients. Other notable co-authors are Simon Tiziani, M.D. (Orthopaedic Trauma Fellow 2022-2023) and Andrew Hinkle, M.D. (resident).

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Department News and Announcements

Department News

Department Thanksgiving Luncheon 2023

This month, the Department of Orthopaedic Surgery hosted the annual **Thanksgiving Luncheon** again this year for department faculty and staff. It was catered by Smokey John's BBQ. It was a great time to give thanks to everyone in the department and the fellowship among coworkers.



Amanda Ben Simon speaking at the GEM Dallas Boys and Girls Club Event

Lead APP, **Amanda Ben Simon**, spoke at the **GEM (Girls Empowered by Mavericks) Dallas Boys and Girls Club event** on November 14th. Amanda represented UT Southwestern Orthopaedics and the institution as a whole at this event guided toward empowering young boys and girls to follow their dreams.

> Learn more about the <u>GEM (Girls</u> <u>Empowered by Mavericks</u>).

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Department Announcements

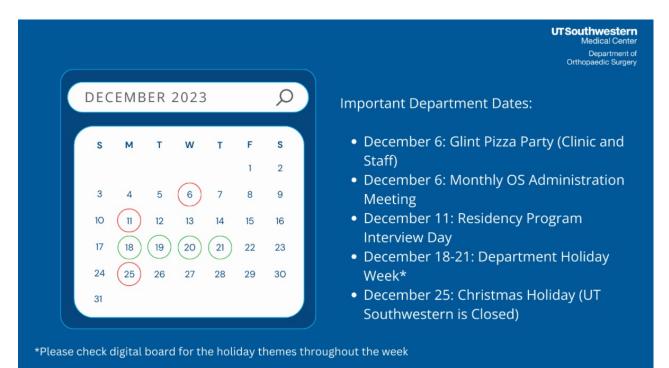
Save the Date: UT Southwestern Hansjörg Wyss Symposium 2024

UT Southwestern Hansjörg Wyss Symposium

UTSouthwestern

Medical Center Orthopaedic Surgery

Mark your calendars for the **UT Southwestern Hansjörg Wyss Orthopaedic Trauma Symposium**. It will take place **June 1-2, 2024** at the **Statler Hotel in Downtown Dallas**. This event will focus on orthopaedic case studies presented by guest speakers from across the country. **More event details will be announced soon**.



Important Department Dates: December 2023

For department date questions, please contact <u>Efrain Solis</u> or <u>Porsche Bates</u>. For education dates, please contact <u>Michelle Hughes</u> or <u>Lorraine Valdez</u>.

Faculty News

Dr. Johnson appointed Program Director for Scottish Rite Pediatric Orthopedic Surgery Fellowship

Megan E. Johnson, M.D. has been announced as the new program director for the Dorothy & Bryant Edwards Fellowship in Pediatric Orthopedics and Scoliosis at Scottish Rite for Children. Dr. Johnson is currently an Assistant Professor of Orthopaedic Surgery here at UT Southwestern.

As appointed program director, Dr. Johnson will be responsible for attracting outstanding candidates and training them to be skilled clinicians and surgeons.

Congratulations to Dr. Johnson on her new role. <u>Click here</u> to read the full announcement.





Dr. Callan named co-leader of the Simmons Comprehensive Cancer Center Sarcoma and Melanoma Disease Oriented Team

Alexandra Callan, M.D. has been selected and appointed as co-leader alongside Jade Homsi, M.D. for the UT Southwestern Simmons Comprehensive Cancer Center Sarcoma and Melanoma Disease Oriented Team. Being a part of DOTs is critical to the department and SCCC, because it conducts clinical trials and research in sarcoma and melanoma. Congratulations to Dr. Callan!

Dr. Sanders speaks at The Percivall Pott Orthopaedic Club Scientific Annual Meeting

Drew Sanders, M.D. was invited to speak at the 50th Percivall Pott Annual Scientific Meeting held this past month on November 10th in London, UK. Dr. Sanders was one of eight speakers at the meeting. The meeting brought in orthopaedic surgeons from around the world to discuss and present orthopaedic case studies.



Click here to learn more.



Dr. Grewal's New UTSW MedBlog: Sacroiliac Joint Fusion Surgery

Ishvinder Grewal, M.D. had a recently UT Southwestern MedBlog published on Sacroiliac Joint Fusion Surgery. Dr. Grewal is one of the few orthopaedic surgeons in the U.S. and the only one in North Texas who is certified in this procedure. In this blog post, he talks about how the procedure works, and who is the candidate for it.

<u>Click here</u> to read the full blog.

Dr. Ulman selected as speaker for the Mavs Off-Court Young Women's Empowerment Event

Sophia Ulman, Ph.D. (Scottish Rite for Children) was selected to speak at the Mavs Off-Court Young Women's Empowerment Event that happened this past month. This event was meant to empower the next generation of game-changers that brought together sports professionals to tell inspiring stories.

Dr. Ulman is an assistant professor with UT Southwestern Orthopaedic Surgery and is the Scottish Rite Division Director of Movement Science Laboratory. What a wonderful opportunity for Dr. Ulman!

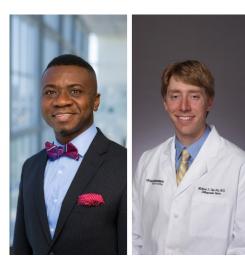


Research News

News Release: Nerve block can reduce need for postsurgical opioids

Douglas Dickson, M.D. and **Michael Van Hal, M.D.** were spotlighted in a recent news release talking about the research lead by UT Southwestern Department of Anesthesiology and Pain Management. The study demonstrates the improved pain management after spinal surgery.

<u>Click here</u> to read the full news release on the joint research.



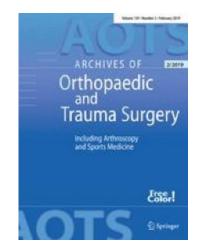
Other Recent Published Research:

TABLE 1 - Intraoperative and	Postoperative Variables		
	Autism spectrum disorder (n=30)	Adolescent idiopathic scoliosis (n=60)	P
Sex (M/F)	19 (63%)/11 (37%)	38 (63%)/22 (37%)	1.00
Age at surgery (y)	14.6±2.5	14.5±2.4	0.85
Levels fused	11±2	11±2	0.82
OR time (min)	699±393	877±489	0.38
EBL (mL)	698.8±393.5	877.2±489.3	0.09
Major Cobb angle (degree)			
Preoperative	62±12	63±12	0.58
First erect	18±10	24±10	0.02
2-y follow-up	20±10	27±11	<0.01
Percent curve correction 2 y (%)	66	57	0.01
Thoracic kyphosis (degree)			
Preoperative	34±16	33±17	0.67
First erect	34±16	34±14	0.50
2-y follow-up	39±13	33±14	0.10
Lumbar lordosis (degree)			
Preoperative	48±16	55±15	0.04
First erect	40±12	54±14	<0.01
2-y follow-up	51±10	56±14	0.17
Sagittal alignment (mm)			
Preoperative	37±33	23±17	0.13
First erect	50±50	26±18	0.03
2-y follow-up	32±28	30±21	0.90

Bold values significant <0.05 EBL indicates estimated blood loss; mm, millimeter; OR, ope

An Analysis of Scoliosis in Autism Spectrum Disorder : Journal of Pediatric Orthopaedics

Children with autism/Asperger are grouped into the diagnosis of autism spectrum disorder (ASD). It remains uncertain whether children with ASD and scoliosis have radiographic and clinical outcomes similar to idiopathic scoliosis (IS) patients. A singlecenter, retrospective review of a prospective scoliosis registry evaluated patients who ...



Does interaction occur between risk factors for revision total knee arthroplasty? - Archives of Orthopaedic and Trauma Surgery

Several risk factors for revision TKA have previously been identified, but interactions between risk factors may occur and affect risk of revision. To our knowledge, such interactions have not been previously studied. As patients often exhibit multiple risk factors for revision, knowledge of these interactions can help improve risk ...



Charcot Foot: Surgical Management and Reconstruction

The surgical management of Charcot neuroarthropathy has undergone a paradigm shift over the past several decades.

Point-of-Care Ultrasound (POCUS) for Sideline Youth Sports Coverage - Current Reviews in Musculoskeletal Medicine

The purpose of this review is to discuss the use of point-of-care ultrasound for sideline

Historically, reconstructive surgery for Charcot neuroarthropathy was reserved for only most severe cases as a final attempt to avoid major amputation....

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youth sports coverage. Participation in youth sports has been increasing, with trends that athletes are specializing earlier and competing at higher levels at younger ages (NSCH 2019, Fabricant 2013).



Education News

Interview Dates for UT Southwestern Orthopaedic Surgery Residency Program



Please contact <u>Lorraine Valdez</u> and <u>Michelle Hughes</u> if you have any questions about the resident interviews.

Dr. Ahn presenting at the OREF Virtual National Resident Research Symposium

Junho Ahn, M.D. (Resident) was selected to present at the OREF Virtual National Resident Research Symposium early this month on November 8, 2023. Dr. Ahn presented the same work he showed at the Regional Meeting that took place early this fall. He did the work with Henry Ellis, M.D. from Scottish Rite for Children.



The title of the work was **Early Clinical Outcomes of Osteochondral Allograft for Capitellar Osteochondritis Dissecans in Adolescent Athletes**. The presentation then had a Q&A that followed on the Zoom platform. Congratulations to Dr. Ahn on this opportunity.

Medical Student Research Fellowship Application with Scottish Rite for Children Now Open

Do you know any medical student interested in participating in clinical research alongside pediatric orthopaedic experts?

Scottish Rite for Children is currently accepting Medical Student Research Fellow applications for 2024/25. This funded fellowship is the perfect opportunity for current med students who have an interest in clinical research and want to work as a crucial part of the research teams at Scottish Rite.

<u>Click here</u> for more information on the Fellowship Program.



Upcoming Events

Upcoming Orthopaedic Surgery Conferences

Society of Military Orthopaedic Surgeons Annual Meeting 2023 - Vail, CO, December 4-8, 2023

4th International Conference on Orthopaedics - Rome, Italy, December 14-15, 2023

AAHS 2024 Annual Meeting - Nassau, Bahamas, January 9-13, 2024

2nd World Symposium on Orthopaedics (WSO 2024) - Tokyo, Japan, January 16-18, 2024

Comprehensive Shoulder and Elbow: Current Concepts and Controversies 2024 - Scottsdale, AZ, January 25-27, 2024

Upcoming Orthopaedic Surgery Events



Smith+Nephew - Advanced Surgical Approaches for Internal Fixation (SAIF) Course

December 1-2, 2023 | Memphis, TN

This two-day course will be held on **December 1-**2, 2023 in **Memphis**, **TN**. Sponsored by Smith+Nephew, it is designed for orthopaedic trauma fellows and PGY 5 residents wanting to gain hands on experinece treating complex fractures of upper and lower extremities as well as pelvic exposure and periprosthetic fractures. It will include sessions, case discussions and more. Adam Starr, M.D. and Drew Sanders, M.D. will be course faculty members.

<u>Click here</u> to sign up for the course.

Arthrex - Medical Education Program: Hand, Wrist, and Elbow

December 8-9, 2023 | Naples, FL

This two-day program will be held on **December 8-9, 2023** in **Naples, FL**. It is designed to expose physician attendees to the latest surgical concepts in upper extremity surgical techniques. Featuring practical hands-on lab and training sessions designed to maximize physician exposure to latest tools and techniques. **Daniel Koehler, M.D.** will be a faculty member at this course.

Click here to sign up for the course.



Scottish Rite For Children Spine Symposium

The 17th Annual **Spine Symposium** will be held at **Scottish Rite for Children** on **January 11, 2024.** The conference will highlight scoliosis surgery, musculoskeletal anomalies and tumors and treatment of pediatric fractures. It will feature visiting

professor, **Ilkka Helenius, M.D., Ph.D.,** from the University of Helsinki and Helsinki University Hospital.

Registration will be opening soon. In the meantime, <u>click here</u> for more information on the symposium.

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