



Clinical Orthopaedic Society

106th Annual Meeting

September 26-29, 2018 ★ Sheraton Austin Hotel at the Capitol ★ Austin, TX



Download the Complete Program

On a mobile device, in the Apple Store or Google Play store, search "DTMS" and download; on a laptop go online to <https://datatrace.gatherdigital.com>.

Published by



Grantor & Exhibitor Acknowledgements

The Clinical Orthopaedic Society is grateful for the support of its educational grantors and exhibitors. Thank you for your participation and commitment to COS.

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President's Welcome



Greetings Friends and Colleagues,

I would like to personally welcome you to the 106th Annual Meeting of the Clinical Orthopaedic Society! A host of outstanding players in the field of Orthopaedic Surgery will present on clinical topics pertinent to us all and will also be available to discuss some of the problems we, regular docs, might encounter in everyday practice.

In addition to supporting the meeting, we will have multiple vendors there with their new products and ideas to help us out as well. I always manage to pick up at least one or two new ideas from their displays that enables me to help someone back home.

We also have a few fun times scheduled 'after hours' to keep things interesting. There is a lot going on in 'the Live Music Capitol' of the world and this includes outstanding food and music. We have special guests giving live concerts and have selected several restaurants to host our Dine Arounds.

Please look over the program and hopefully you will discover more than a few things going on at this year's COS meeting to address some of your needs. I'm looking forward to seeing some old friends, meeting some new ones, and going home with a pocketful of clinical pearls to help out my patients.

Best regards,

George Brindley

George W. Brindley, MD
President, Clinical Orthopaedic Society

Presidential Guest Speakers



Michael Bolognesi, MD

Durham, NC

Outpatient Arthroplasty... Where Are We Now?
Thursday, 8:35 am

Pre-Operative Patient Optimization for TJA in 2018
Friday, 7:10 am

Metal on Metal Total Hip Arthroplasty:
Have We Learned from this Experience?
Friday, 10:50 am



Frank J. Frassica, MD

Baltimore, MD

The Role of the Orthopaedic Oncologist as an Educator
Thursday, 1:35 pm

The Evaluation of the Older Patients with a
Destructive Bone Lesion: Evaluation Strategy
Friday, 7:40 am

Decision-Making in Soft Tissue Tumors
Friday, 3:45 pm

Summary of Events

See Scientific Program for times for all CME Activities

KEY

- 🕒 Activity/Tour
- 📍 Social Event
- 🌟 Special Presentation

Wednesday, September 26

10:00 am – 6:00 pm

🌟 **Resident Review Course** Tannehill Room
Presented by Frank J. Frassica, MD, Medstar Health

1:00 pm – 5:00 pm

Board of Directors Meeting Creekside 1

4:00 pm – 5:00 pm

Exhibit Setup Capitol Ballroom E-H

1:00 pm – 5:00 pm

Speaker Ready Area Capitol Ballroom Foyer

1:00 pm – 5:00 pm

Meeting Registration Capitol Ballroom Foyer

Thursday, September 27

6:00 am – 4:45 pm

Speaker Ready Area Capitol Ballroom Foyer

6:30 am – 4:45 pm

Meeting Registration Capitol Ballroom Foyer

6:30 am – 4:45 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing Capitol Ballroom E-H

7:00 am – 7:05 am

Welcome and Opening Remarks Capitol Ballroom D

7:10 am – 8:15 am

Symposium 1 - Foot and Ankle Capitol Ballroom D

8:20 am – 9:25 am

Symposium 2 – Adult Reconstruction Capitol Ballroom D

8:30 am – 10:00 am

📍 **Spouse/Guest Continental Breakfast** Bonnell Room
Join your friends and meet new ones while enjoying a continental breakfast.
Price: Included in Registration Fee

9:25 am – 9:45 am

BREAK – Please visit Exhibits Capitol Ballroom E-H

9:45 am – 10:15 am

🌟 **Guest Speaker Session 1** Capitol Ballroom D
Michael J. Collins, MD
“The Best Portion of a Good Man’s Life”

10:20 am – 10:50 am

Rapid Fire 1 Sessions Barton, Bickler & Tannehill Rooms

10:50 am – 11:10 am

BREAK—Please Visit Exhibits Capitol Ballroom E-H

11:00 am – 2:00 pm

🕒 **Spouse/Guest Food Tour**
Bus Picks Up at 11am – Meet in Lobby at 10:45 am
The Austin Eats Food Tour is the ultimate way to experience authentic Austin Cuisine! Food lovers, locals and visitors alike can enjoy this journey of food, fun and discovery.
Price: \$25 per Registered Guest

11:10 am – 11:25 am

🌟 **ABOS Update** Capitol Ballroom D
David F. Martin, MD

11:30 am – 12:30 pm

Symposium 3 – Pediatric Orthopaedics
Capitol Ballroom D

12:30 pm – 1:00 pm

🌟 **Focused Lunch Presentation** Capitol Ballroom D
OJM Group
Keep & Protect More of What You Make: Best Practices in Tax Reduction, Benefit Planning, Asset Protection & Wealth Management for COS Practices and Physicians
David B. Mandell, JD, MBA

1:00 pm – 1:30 pm

Dessert in Exhibit Hall Capitol Ballroom E-H

1:35 pm – 2:45 pm

Symposium 4 – Musculoskeletal Oncology
Capitol Ballroom D

2:50 pm – 3:25 pm

Rapid Fire 2 Sessions Barton, Bickler & Tannehill Rooms

3:25 pm – 3:45 pm

BREAK—Please Visit Exhibits Capitol Ballroom E-H

3:45 pm – 4:45 pm

🌟 **Guest Speaker Session 2** Capitol Ballroom D
Dr. & Mrs. Elmer Nix Presentation and Lecture
Robert H. Cofield, MD
“Breadth of Professional Experiences”

4:45 pm – 6:00 pm

📍 **President’s Welcome Reception with Exhibitors**
Capitol Ballroom E-H
Before you go to dinner, start your evening off with drinks and hors d’oeuvres with COS.
Attire: Business Casual
Price: Included in Registration Fee

6:15 pm

🕒 **Dine Around**
Join your colleagues for a night of dining at one of four reserved restaurants in Austin. The COS has made all of the arrangements for you. Just sign up on-site at registration with your friends and enjoy! Choose between Perry’s Steakhouse, Eddie V’s Prime Seafood, Chez Nous and Fixe. Each individual will be responsible for their own bill.

8:30 pm – 10:00 pm

🕒 **COS Private Concert: Special Guests Terri Hendrix and Lloyd Maines** The backYARD

Friday, September 28

6:00 am – 5:00 pm

Speaker Ready Area Capitol Ballroom Foyer

6:30 am – 5:00 pm

Meeting Registration Capitol Ballroom Foyer

Summary of Events

See Scientific Program for times for all CME Activities

KEY

- 🕒 Activity/Tour
- 📌 Social Event
- 🌟 Special Presentation

6:45 am – 5:00 pm

Technical Exhibits, Continental Breakfast, Coffee Breaks and Daily Drawing Capitol Ballroom E-H

7:00 am – 7:05 am

Announcements Capitol Ballroom D

7:10 am – 8:25 am

Symposium 5 – Total Joint Indications/Outcomes
Capitol Ballroom D

8:30 am – 8:50 am

🌟 **Guest Speaker Session 3** Capitol Ballroom D

Michael J. Collins, MD

“Non-Clinical Ways to Become a Better Clinician”

8:30 am – 10:00 am

📌 **Spouse/Guest Continental Breakfast** Bonnell Room

Join your friends and meet new ones while enjoying a continental breakfast.

Price: Included in Registration Fee

8:55 am – 9:45 am

Papers Session 1 Capitol Ballroom D

9:45 am – 10:05 am

BREAK – Please visit Exhibits Capitol Ballroom E-H

10:05 am – 10:40 am

Rapid Fire 3 Sessions Barton, Bickler & Tannehill Rooms

10:45 am – 11:10 am

🌟 **Presidential Guest Speaker** Capitol Ballroom D

Michael P. Bolognesi, MD

“Metal on Metal Total Hip Arthroplasty: Have We Learned from this Experience?”

11:10 am – 11:30 am

BREAK – Please visit Exhibits Capitol Ballroom E-H

11:35 am – 12:35 pm

Symposium 6 – Medical Pearls Capitol Ballroom D

12:35 pm – 1:35 pm

Lunch Break

1:40 pm – 2:55 pm

Symposium 7 – Trauma Capitol Ballroom D

2:55 pm – 3:15 pm

BREAK—Please Visit Exhibits Capitol Ballroom E-H

3:15 pm – 3:40 pm

Resident Papers Session 2 Capitol Ballroom D

3:45 pm – 4:25 pm

🌟 **Presidential Guest Speaker** Capitol Ballroom D

Frank J. Frassica, MD, Baltimore, MD

“Decision-Making in Soft Tissue Tumors”

4:30 pm – 5:00 pm

Rapid Fire 4 Sessions Barton, Bickler & Tannehill Rooms

5:00 pm – 6:00 pm

Multimedia Education Session Capitol Ballroom Foyer

6:30 pm

🕒 **Dine Around**

Join your colleagues for a night of dining at one of four reserved restaurants in Austin. The COS has made all of the arrangements for you. Just sign up on-site at registration with your friends and enjoy! Choose between Perry's Steakhouse, Eddie V's Prime Seafood, Chez Nous and Fixe. Each individual will be responsible for their own bill.

8:00 pm – 8:30 pm

📌 **Resident Reception** The backYARD

All Residents are invited to attend! Enjoy beverages with the COS Board Members, and get excited to see the COS President, George Brindley, MD perform with the COB!

Price: Included in Registration Fee

8:30 pm – 11:00 pm

🕒 **The Clinical Orthopaedic Band Concert: Featuring George Brindley, MD**

The backYARD

Saturday, September 29

6:00 am – 12:25 pm

Speaker Ready Area Capitol Ballroom Foyer

6:30 am – 7:00 am

Continental Breakfast Capitol Ballroom Foyer

6:30 am – 12:25 pm

Meeting Registration Capitol Ballroom Foyer

7:00 am – 7:05 am

Announcements Capitol Ballroom D

7:10 am – 8:25 am

Symposium 8 – Hand Surgery Capitol Ballroom D

8:30 am – 9:35 am

Symposium 9 – Sports Medicine Capitol Ballroom D

8:30 am – 10:00 am

📌 **Spouse/Guest Continental Breakfast** Bonnell Room

Join your friends and meet new ones while enjoying a continental breakfast.

Price: Included in Registration Fee

9:35 am – 9:55 am

REFRESHMENT BREAK Capitol Ballroom Foyer

9:55 am – 10:25 am

Rapid Fire 5 Sessions Barton, Bickler & Tannehill Rooms

10:30 am – 11:45 am

Resident Paper Session 3 Capitol Ballroom D

11:45 am – 12:05 pm

Presidential Address / Awards Session / Passing of the Gavel Capitol Ballroom D

12:05 pm – 12:25 pm

Business Meeting Capitol Ballroom D

Scientific Program Capitol Ballroom D, Unless Otherwise Specified

CME Accreditation

The American Academy of Orthopaedic Surgeons designates this live activity for a maximum of 21.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

- * 20.25 CME Credits for Scientific Program
- * 1 CME Credits for Multimedia Education Sessions

To ensure correct CME credit is awarded, please go online to www.cosociety.org to complete the COS 2018 Annual Meeting CME Credit Records. CME Certificates will be awarded to all registered participants.

Wednesday, September 26

10:00 am – 6:00 pm

Resident Review Course **Tannehill Room**
Frank J. Frassica, MD, Baltimore, MD

Thursday, September 27

7:00 am – 7:05 am

Welcome and Opening Remarks
George W. Brindley, MD, Texas Tech University, President

Symposium 1 – Foot and Ankle

Moderator: J. Speight Grimes, MD, Texas Tech Orthopaedics

7:10 am – 7:25 am

Traumatic Injury of Midfoot
John S. Early, MD, Texas Orthopaedic Associates

7:25 am – 7:40 am

The Effects of Achilles Contractures
James R. Jastifer, MD, Borgess Medical Center

7:40 am – 7:55 am

Stress Fractures of Foot and Ankle
James A. Nunley II, MD, Duke University Medical Center

7:55 am – 8:15 am

Case Presentations

Symposium 2 – Adult Reconstruction

Moderator: Jordan B. Simpson, MD, Texas Tech University

8:20 am – 8:35 am

Innovations in Prevention and Treatment of Periprosthetic Joint Infection
Kenneth B. Mathis, MD, University of Texas Health Science Center

8:35 am – 8:50 am

Outpatient Arthroplasty...Where Are We Now?
Michael P. Bolognesi, MD, Duke University Medical Center
Presidential Guest Speaker

8:50 am – 9:05 am

Shoulder (and Hip) Arthroplasty: The Final Problem
Robert H. Cofield, MD, Mayo Clinic
Elmer Nix Award Recipient

9:05 am – 9:25 am

Case Presentations

9:25 am – 9:45 am

BREAK—Please Visit Exhibits **Capital Ballroom E-H**

Guest Speaker Session 1

Moderator: George W. Brindley, MD, Texas Tech University

9:45 am – 9:50 am

Introduction
George W. Brindley, MD, Texas Tech University

9:50 am – 10:15 am

The Best Portion of a Good Man's Life
Michael J. Collins, MD, Hinsdale Orthopaedics

Rapid Fire Session 1A – Total Hip/Other **Barton Room**

Moderator: John E. Garber, MD, Witham Orthopaedics Associates

10:20 am – 10:24 am

Intraoperative Periprosthetic Fracture: Total Hip Arthroplasty with Short-Stemmed Prosthesis
Jorge Padilla, MD, New York University Langone Health

10:24 am – 10:28 am

Hospital Consumer Assessment of Healthcare Providers and Systems: Do Primary and Revision Total Hip Arthroplasty Scores Differ?
Afshin A. Anoushiravani, MD, Albany Medical College
*Presented by Jonathan Gabor, BS

10:28 am – 10:32 am

Resident/Fellow Rapid Fire Award
Direct Anterior Approach: Assessment of Radiographs and Early Component Complications
Peter A. Gold, MD, Long Island Jewish Medical Center / Northwell Health

10:32 am – 10:35 am

Discussion

Scientific Program

Capitol Ballroom D, Unless Otherwise Specified

10:35 am – 10:39 am

Fibromyalgia Increases 90-Day Complications Following Primary Total Hip Arthroplasty

Scott A. Nelson, DO, Broward General Hospital

*Presented by Scott Polansky, DO

10:39 am – 10:43 am

Patient Perception of Orthopedic Surgeon Compensation: A Systematic Review

Sellers Boudreau, BS, University of Alabama at Birmingham

10:43 am – 10:47 am

Subsequent Femoral Fragility Fractures: Underreported and Construct-Related

Michael Murphy, BS, Loyola University Medical Center

*Presented by Bailey Johnson, MD

10:47 am – 10:50 am

Discussion

Rapid Fire Session 1B – Foot/Pathology Bickler Room

Moderator: J. Speight Grimes, MD, Texas Tech Orthopaedics & Russell A. Ward, MD, Baylor Scott & White Health

10:20 am – 10:24 am

Time Saving Using CT-Scan Derived Patient Specific Instrumentation in Total Ankle Arthroplasty

Ian Savage Elliott, MD, Tulane University

10:24 am – 10:28 am

Intramedullary Nailing for the Treatment of Pathologic Humeral Shaft Fractures

Michael Colello, BS, University of South Carolina School of Medicine

10:28 am – 10:32 am

Accuracy of Musculoskeletal Tumor Biopsy Techniques

Eric S. Wait, MD, Texas Tech University Health Science Center

10:32 am – 10:35 am

Discussion

10:35 am – 10:39 am

Knee Disarticulation vs. Transfemoral Amputations: Function Outcomes

Benjamin W. Hoyt, MD, Walter Reed National Military Medical Center

10:39 am – 10:43 am

A Comparative, Controlled, Retrospective Study of Patient Reported Outcomes After Meniscectomy with Adjunctive Use of Platelet-Rich Plasma or Amniotic Membrane/Umbilical Cord Particulate

Nneoma Duru, BS, Ochsner Sports Medicine Institute

10:43 am – 10:47 am

Frozen Shoulder Manipulation with FEAR Technique: Minimum

Two-Year Follow-Up

Zachary K. Pharr, MD, University of Tennessee Campbell Clinic

*Presented by Trenton Stephens

10:47 am – 10:50 am

Discussion

Rapid Fire Session 1C – Joints Tannehill Room

Moderator: Jordan B. Simpson, MD, Texas Tech University

10:20 am – 10:24 am

A Large Proportion of Revision Total Hip Arthroplasty is Potentially Preventable

David Novikov, BS, New York University Langone Health

*Presented by Hayeem Rudy, BA

10:24 am – 10:28 am

Quantification of the Dorr Classification System

Tyler D. Goldberg, MD, Texas Orthopedics, Sports and Rehabilitation Associates

*Presented by Andrea Torres, BS

10:28 am – 10:32 am

Seasonal Relationship of Prosthetic Joint Infection Following Primary Total Joint Arthroplasty in a Sub-Tropical Climate

Brian M. Godshaw, MD, Ochsner Sports Medicine Institute

10:32 am – 10:35 am

Discussion

10:35 am – 10:39 am

Hospital Consumer Assessment of Healthcare Providers and Systems: Do Primary and Revision Total Knee Arthroplasty Scores Differ?

James E. Feng, MD, New York University Langone Health

*Presented by Hayeem Rudy, BA

10:39 am – 10:43 am

Same-Day Hip Resurfacing—Is it Safe and Effective?

Lidia Ani, BS, New York University Langone Health

*Presented by Hayeem Rudy, BA

10:43 am – 10:47 am

Excellent Outcomes in 378 Developmental Dysplastic Hips Requiring Total Hip Arthroplasty

Lauren J. Seo, BA, New York University Langone Health

*Presented by Jonathan Gabor, BS

10:47 am – 10:50 am

Discussion

10:50 am – 11:10 am

BREAK—Please Visit Exhibits **Capital Ballroom E-H**

11:10 am – 11:25 am

Special Presentation

ABOS Update

David F. Martin, MD, Wake Forest University

Scientific Program

Capitol Ballroom D, Unless Otherwise Specified

Symposium 3 – Pediatric Orthopaedics

Moderator: Cody R. Beaver, MD, Texas Tech University

11:30 am – 11:45 am

Pediatric Infection Update

William C. Warner, MD, University of Tennessee/Campbell Clinic

11:45 am – 12:00 pm

Slipped Capital Femoral Epiphysis

David W. Gray, MD, Cooks Children's Medical Center

12:00 pm – 12:15 pm

Staying Out of Trouble in Pediatric Orthopedic Trauma

Christopher D. Souder, MD, Central Texas Pediatric Orthopaedics / University of Texas at Austin

12:15 pm – 12:30 pm

Case Presentations

12:30 pm – 1:00 pm

Focused Lunch Presentation *CME Credit Not Available
OJM Group

Keep and Protect More of What You Make: Best Practices in Tax Reduction, Benefit Planning, Asset Protection and Wealth Management for COS Practices and Physicians

David Mandell

1:00 pm – 1:30 pm

Dessert in Exhibit Hall Capitol Ballroom E-H

Symposium 4 – Musculoskeletal Oncology

Moderator: Russell A. Ward, MD, Baylor Scott & White Health

1:35 pm – 1:55 pm

The Role of the Orthopaedic Oncologist as an Educator

Frank J. Frassica, MD, Baltimore, MD

Presidential Guest Speaker

1:55 pm – 2:10 pm

Point-Counterpoint: Should General Orthopedic Surgeons Manage Metastatic Bone Disease

Rajiv Rajani, MD, The University of Texas Health Science Center at San Antonio

2:10 pm – 2:25 pm

Applications of Pro-Dense Bone Graft Substitute in Benign Bone Tumors

Ronald P. Williams, MD, Texas Oncology

2:25 pm – 2:45 pm

Case Presentations

Rapid Fire Session 2A – Pediatrics

Barton Room

Moderator: Cody R. Beaver, MD, Texas Tech University & William C. Warner, MD, University of Tennessee/Campbell Clinic

2:50 pm – 2:54 pm

Load to Failure of Fully-Threaded vs Partially-Threaded

Cannulated Screws in SCFE

Jonathan D. Hughes, MD, Baylor Scott and White

2:54 pm – 2:58 pm

Mechanically Superior Molybdenum-Rhenium Alloy Allows for New Generation of Spinal Implants Embedded with Novel Sensor Technology for Remote Real-Time Monitoring of Bone Growth Across a Fixated Motion Segment

Kornelis Poelstra, MD, PhD, The Spine Institute on the Emerald Coast

2:58 pm – 3:02 pm

Evaluation of Pediatric Elbow and Forearm Trauma by Nonoperative Providers

Matthew N. Fournier, MD, University of Tennessee Campbell Clinic

3:02 pm – 3:05 pm

Discussion

3:05 pm – 3:09 pm

Intraoperative Measurement of Direct Vertebral Rotation in Adolescent Idiopathic Scoliosis

Edward Smith, MD, Tulane University School of Medicine

*Presented by James T. Bennett, MD

3:09 pm – 3:13 pm

Comparison of the Biomechanical Performance of Nitinol Memory Rods vs. Titanium Rods Used as Posterior Spinal Instrumentation in a Synthetic Corpectomy Model

Stephen J. Hoge, MD, Louisiana State University Health

3:13 pm – 3:17 pm

Resident/Fellow Rapid Fire Award

Biomechanical Comparison of Partially-Threaded and Fully-Threaded Cannulated Screws in Pediatric Hip Fractures

Jonathan D. Hughes, MD, Baylor Scott and White

3:17 pm – 3:21 pm

Post-Operative Injections in the Elderly Population Decreases the Necessity for Opiates Following Spinal Fusion

Stewart Eidelson, MD, South Palm Orthospine Institute

3:21 pm – 3:25 pm

Discussion

Rapid Fire Session 2B – Sports Medicine

Bickler Room

Moderator: David F. Martin, MD, Wake Forest University

2:50 pm – 2:54 pm

An Understanding of Patient Factors and Hip Arthroscopy Intraoperative Findings in Patients with Self-Reported Trouble with Sexual Activity

Gerard Williams, MD, Ochsner Sports Medicine Institute

2:54 pm – 2:58 pm

Direct Visualization of Femoral Cortical Button in ACL Reconstruction Helps Ensure Positioning

William A. Doss, DO, Nassau University Medical Center

Scientific Program

Capitol Ballroom D, Unless Otherwise Specified

2:58 pm – 3:02 pm

Outcomes of Multi-Ligament Knee Reconstruction for Traumatic Dislocation

Eric M. Potter, BA, Texas Tech University Health Sciences Center

3:02 pm – 3:05 pm

Discussion

3:05 pm – 3:09 pm

Machine-Learning Identifies Best Measures to Predict ACL Reconstruction Outcome

Anish G. R. Potty, MD, South Texas Research Institute

3:09 pm – 3:13 pm

Safety Evaluation of a Laxity-Minimizing Suture in a Sheep Infraspinaus Tendon

David A. Spenciner, MBA, MSc, Rensselaer Polytechnic Institute

3:13 pm – 3:17 pm

Two-Year Outcomes for Subchondroplasty in a Small Patient Population

Gerard Williams, MD, Ochsner Sports Medicine Institute

3:17 pm – 3:21 pm

Biomechanical Comparison of ACL Repair vs Repair with Suture Augmentation

Kaylan McClary, MD, Louisiana State University Health Sciences Center

*Presented by James Robinson, BS

3:21 pm – 3:25 pm

Discussion

Rapid Fire Session 2C – General Tannehill Room

Moderator: Michael J. Collins, MD, Hinsdale Orthopaedics

2:50 pm – 2:54 pm

Patient Reported Outcomes May Help Predict Discharge Disposition After Total Hip Arthroplasty

David Novikov, BS, New York University Langone Health

*Presented by Jorge Padilla, MD

2:54 pm – 2:58 pm

Learning Curve for Direct Anterior Approach for Total Hip Arthroplasty

Tyler D. Goldberg, MD, Texas Orthopedics, Sports and Rehabilitation Associates

*Presented by Andrea Torres, BS

2:58 pm – 3:02 pm

Insulin-Dependent Diabetic Patients Are at Increased Risk of Post-Operative Hyperglycemia in Patients Undergoing Total Joint Arthroplasty

Brian M. Godshaw, MD, Ochsner Sports Medicine Institute

3:02 pm – 3:05 pm

Discussion

3:05 pm – 3:09 pm

Regional Distribution of Inpatient Narcotic Intake in Total Knee Arthroplasty

James E. Feng, MD, New York University Langone Health

*Presented by Jorge Padilla, MD

3:09 pm – 3:13 pm

Clinical Outcomes for Total Shoulder Arthroplasty Depend on Surgical Indication

Brandon Lung, BS, Stony Brook University School of Medicine

*Presented by Michael Bisogno, MD, MBA

3:13 pm – 3:17 pm

Survivorship of Porous Titanium Acetabular Components with an Average of 5-Year Follow-Up

Brian M. Godshaw, MD, Ochsner Sports Medicine Institute

3:17 pm – 3:21 pm

Open Labral Reconstruction Improves Outcomes in FAI After Failed Hip Preserving Surgery

Zlatan Cizmic, MD, New York University Langone Health

3:21 pm – 3:25 pm

Discussion

3:25 pm – 3:45 pm

BREAK—Please Visit Exhibits Capital Ballroom E-H

Guest Speaker Session 2

Moderator: George W. Brindley, MD, Texas Tech University

3:45 pm – 3:50 pm

Introduction of Dr. and Mrs. J. Elmer Nix Presentation and Lecture

George W. Brindley, MD, Texas Tech University

3:50 pm – 4:20 pm

Breadth of Professional Experiences

Robert H. Cofield, MD, Mayo Clinic

Elmer Nix Award Recipient

4:20 pm – 4:45 pm

Live Patient Presentation

Paula Biewer

Friday, September 28

7:00 am – 7:05 am

Announcements

George W. Brindley, MD, Texas Tech University, President

Symposium 5 – Total Joint Indications/Outcomes

Moderator: George W. Brindley, MD, Texas Tech University

7:10 am – 7:25 am

Pre-Operative Patient Optimization for TJA in 2018

Michael P. Bolognesi, MD, Duke University Medical Center

Presidential Guest Speaker

Scientific Program

Capitol Ballroom D, Unless Otherwise Specified

7:25 am – 7:40 am

Indications for Shoulder Arthroplasty. Fog & Flux

Robert H. Cofield, MD, Mayo Clinic

Elmer Nix Award Recipient

7:40 am – 7:55 am

The Evaluation of the Older Patients with a Destructive Bone Lesion: Evaluation Strategy

Frank J. Frassica, MD, Baltimore, MD

Presidential Guest Speaker

7:55 am – 8:25 am

Case Presentations

Guest Speaker Session 3

Moderator: George W. Brindley, MD, Texas Tech University

8:30 am – 8:50 am

Non-Clinical Ways to Become a Better Clinician

Michael J. Collins, MD, Hinsdale Orthopaedics

Paper Session 1

Moderator: Cyrus T. Caroom, MD, Texas Tech University

8:55 am – 9:00 am

Epidemiology, Incidence, and Survival of Ewing Sarcoma: SEER Database Analysis

Yung-Jae Lee, BA, Rutgers New Jersey Medical School

9:00 am – 9:05 am

Minimally Invasive Medial Plate Osteosynthesis of High Energy Pediatric Tibia Fractures

Michael Murphy, BS, Loyola University Medical Center

*Presented by Kyle Lynch, BS

9:05 am – 9:10 am

A Comparative, Controlled Retrospective Study of Patient Reported Outcome after Meniscal Procedures with Adjunctive Use of Platelet-Rich Plasma or Amniotic Membrane/Umbilical Cord Particulate

Nneoma Duru, BS, Oschner Clinic Foundation

9:10 am – 9:15 am

Adductor Canal Catheter versus Femoral Nerve Block for TKA

Clint Beicker, MD, Hill Country Memorial Hospital

9:15 am – 9:20 am

Discussion

9:20 am – 9:25 am

Single-Use Instrumentation in Total Knee Arthroplasty: Safe and Economical

Tyler D. Goldberg, MD, Texas Orthopedics, Sports and Rehabilitation Associates

*Presented by Andrea Torres, BS

9:25 am – 9:30 am

Use, Not Abuse of Radiology in Infantile Non-Accidental

Trauma

John E. Handelsman, MD, FRCS, Lakeville Union Healthcare

9:30 am – 9:35 am

Nutritional Deficits in the Orthopedic Trauma Patient

Trevor Bouck, BS, University of Texas Health Science Center at San Antonio

9:35 am – 9:40 am

Skin and Bones: Where Dermatology and Orthopaedic Surgery Overlap in Genetic Condition

Marc M. DeHart, MD, University of Texas Health Science Center at San Antonio

*Presented by Farhan Ahmad, BS

9:40 am – 9:45 am

Discussion

9:45 am – 10:05 am

BREAK — Please Visit Exhibits Capitol Ballroom E-H

Rapid Fire Session 3A – Upper Extremity

Barton Room

Moderator: Elizabeth M. Polfer, MD, William Beaumont Army Medical Center

10:05 am – 10:09 am

Lunula Size Approximates Insertion of Terminal Tendon of Extensor Mechanism

Jeffrey Jett, DO, Valley Orthopedic Surgery

*Presented by Kruten Patel, BS

10:09 am – 10:13 am

Systematic Review of Greater Tuberosity Fractures

Joseph X. Robin, BA, University of Alabama at Birmingham School of Medicine

10:13 am – 10:17 am

Outcomes of Revision Carpal Tunnel Release with Umbilical Cord Allograft

Loy O. Vaughan III, MD, Ochsner Medical Center

10:17 am – 10:22 am

Discussion

10:22 am – 10:26 am

Classification of Ulnar Nerve Subluxation with Endoscopic Cubital Tunnel Release

Justin Mirza, DO, Mirza Orthopedics

10:26 am – 10:30 am

Pre-Operative Diagnosis Influences Blood Transfusions in Reverse Total Shoulder Arthroplasty

Zachary Pharr, MD, University of Tennessee Campbell Clinic

*Presented by Trenton Stephens

10:30 am – 10:34 am

Teres Minor Innervation: An Anatomic Study

Garen Collett, MD, University of Texas Southwestern

Scientific Program

Capitol Ballroom D, Unless Otherwise Specified

10:34 am – 10:40 am
Discussion

Rapid Fire Session 3B – Sports Medicine Bickler Room

Moderators: Ramon F. Rodriguez, MD, Tulane University & Ricardo J. Rodriguez, MD, Baton Rouge Orthopaedic Clinic, LLC

10:05 am – 10:09 am
Suprapectoral vs Intra-Articular Biceps Tenodesis: A Comparison of Clinical Outcomes

Brian M. Godshaw, MD, Ochsner Sports Medicine Institute

10:09 am – 10:13 am
Medicaid Expansion Effects on Access to Care for Labral Tear

Nicholas Rivers, BS, University of Alabama at Birmingham
*Presented by Jamal Egbaria, BS

10:13 am – 10:17 am
Comparing Pain and Function After Single-Row and Transosseous-Equivalent Double-Row Rotator Cuff Repair

Brian M. Godshaw, MD, Ochsner Sports Medicine Institute

10:17 am – 10:20 am
Discussion

10:20 am – 10:24 am
Pain Management in Orthopedic Trauma with Positive Urine Toxicology Results

Jacob Dunn, DO, Valley Orthopedic Surgery
*Presented by Kruten Patel, BS

10:24 am – 10:28 am
Variation in Compensation and Educational Resources for Orthopaedic Program Directors

Hannah E. Mendez, MD, University of Texas Health Science Center at San Antonio

10:28 am – 10:32 am
Skin and Bones: Review of Orthopaedic Microbial Infections with Dermatologic Manifestations

Farhan Ahmad, BS, University of Texas Health Science Center at San Antonio
*Presented by Kavina Patel, BS

10:32 am – 10:36 am
Opioid Prescribing Patterns Among Orthopaedic Surgeons: Analyzing the Medicare Population

Yung-Jae Lee, BA, Rutgers New Jersey Medical School

10:36 am – 10:40 am
Discussion

Rapid Fire Session 3C – General Tannehill Room

Moderator: J. Randall Riehl, MD, Decatur Orthopaedic Clinic

10:05 am – 10:09 am
Treatment of Hepatitis C Virus May Improve Outcomes in Total Hip Arthroplasty Recipients

David Novikov, BS, New York University Langone Health
*Presented by Jonathan Gabor, BS

10:09 am – 10:13 am
Precision of CT Patient-Specific Instrumentation for Total Knee Arthroplasty

Tyler D. Goldberg, MD, Texas Orthopedics, Sports and Rehabilitation Associates
*Presented by Andrea Torres, BS

10:13 am – 10:17 am
Review of Trabecular Metal Femoral Stems in Total Hip Arthroplasty

Travis Winston, MD, Texas Tech University Health Science Center

10:17 am – 10:20 am
Discussion

10:20 am – 10:24 am
Tantalum Rods in Osteonecrosis of the Femoral Head

Eric M. Potter, BA, Texas Tech University Health Sciences Center

10:24 am – 10:28 am
Can Robotic-Assistance Shorten the Learning Curve in Anterior Hip Arthroplasty?

Connor A. Ojard, MD, Ochsner Clinic Foundation
*Presented by Brian M. Godshaw, MD

10:28 am – 10:32 am
Variability in Physical Therapy Protocol for Patellar Tendon Rupture Repair

Jamal Egbaria, BS, University of Alabama School of Medicine

10:32 am – 10:36 am
Can Robotic-Assistance Shorten the Learning Curve in Posterior Hip Arthroplasty?

Connor A. Ojard, MD, Ochsner Clinic Foundation
*Presented by Brian M. Godshaw, MD

10:36 am – 10:40 am
Discussion

Guest Speaker Session 4

Moderator: George W. Brindley, MD, Texas Tech University

10:45 am – 10:50 am
Introduction of Guest Speaker

George W. Brindley, MD, Texas Tech University

10:50 am – 11:10 am
Metal on Metal Total Hip Arthroplasty: Have We Learned from this Experience?

Michael P. Bolognesi, MD, Duke University Medical Center
Presidential Guest Speaker

11:10 am – 11:30 am
BREAK — Please Visit Exhibits Capital Ballroom E-H

Scientific Program Capitol Ballroom D, Unless Otherwise Specified

Symposium 6 – Medical Pearls

Moderator: George W. Brindley, MD, Texas Tech University

11:35 am – 11:50 am

Targeted Muscular Reinnervation: Re-Evaluating Phantom Pain and Prosthetics in Amputees

Desirae M. McKee, MD, Texas Tech Orthopedics

11:50 am – 12:10 pm

Management of Chronic Tendinopathy – Is a Breakthrough at Hand?

Bernard F. Morrey, MD, Mayo Clinic

12:10 pm – 12:20 pm

Things that Matter Most – How Can You Tell?

Bernard F. Morrey, MD, Mayo Clinic

12:20 pm – 12:35 pm

Effective Relationships with a Hospital?: Perspectives of a Hospital CEO

James Patrick Murray, CEO, PMH-LTC, Inc.

12:35 pm – 1:35 pm

Lunch Break

Symposium 7 – Trauma

Moderator: Cyrus T. Caroom, MD, Texas Tech University

1:40 pm – 1:55 pm

New Technology in Orthopedic Trauma Implants: Technology over Reason?

Robert Harris, MD, The Hughston Clinic

1:55 pm – 2:10 pm

PTSD After Ortho Trauma

Adam J. Starr, MD, University of Texas Southwestern

2:10 pm – 2:25 pm

Imperative Knowledge for Treating Patients with Pelvic and Acetabular Injuries

Milton "Chip" Routt Jr., MD, University of Texas Health Science Center

2:25 pm – 2:55 pm

Case Presentations

2:55 pm – 3:15 pm

BREAK — Please Visit Exhibits Capital Ballroom E-H

Resident Paper Session 2

Moderator: Frederick C. Flandry, MD, FACS, The Hughston Clinic

3:15 pm – 3:20 pm

Intrawound Vancomycin Powder Reduces Bacterial Load in Contaminated Open Fracture Model

Jacob Murphree, MD, Texas Tech University Health Science Center

3:20 pm – 3:25 pm

Detection of Surgical Wrap Defects in the Operating Room

Setting

Shayne Kelly, DO, Valley Orthopedic Surgery

*Presented by Kruten Patel, BS

3:25 pm – 3:30 pm

Evaluation of a Non-Invasive Hemoglobin Measurement System in Joint Arthroplasty

Michael J. Casale, MD, Ochsner Health System

3:30 pm – 3:35 pm

Biomechanical Analysis: Novel Technique for Repair of Radial Meniscus Tears

Kaylan McClary, MD, Louisiana State University Health Sciences Center

3:35 pm – 3:40 pm

Discussion

Guest Speaker Session 5

Moderator: George W. Brindley, MD, Texas Tech University

3:45 pm – 4:05 pm

Decision-Making in Soft Tissue Tumors

Frank J. Frassica, MD, Baltimore, MD

Presidential Guest Speaker

4:05 pm – 4:25 pm

Live Patient Presentation

Athziriy Gonzalez

Rapid Fire Session 4A – Trauma Barton Room

Moderator: Cyrus T. Caroom, MD, Texas Tech University & Robert Harris, MD, The Hughston Clinic

4:30 pm – 4:34 pm

Clinical Outcomes of Floating Shoulder Injuries: A Systematic Review

Alexander Dombrowsky, BS, University of Alabama at Birmingham

4:34 pm – 4:38 pm

Management and Outcomes Following Traumatic Sacral Fractures Involving Spondylopelvic Dissociation

Daniel Li, BS, Northwestern University Feinberg School of Medicine

4:38 pm – 4:42 pm

Radiographic and Clinical Assessment of Intramedullary Nail Fixation for the Treatment of Unstable Metacarpal Fractures

Justin Mirza, DO, Mirza Orthopedics

4:42 pm – 4:47 pm

Discussion

4:47 pm – 4:51 pm

Do All Complex Distal Radius Fractures Need Volar Plates? A Novel, Minimally Invasive Alternative

Justin Mirza, DO, Mirza Orthopedics

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4:51 pm – 4:55 pm

Speciation, Resistance, and Timing of Lower Extremity Open Fracture Infections

Nathaniel Osborn, DO, Nassau University Medical Center

4:55 pm – 5:00 pm

Discussion

Rapid Fire Session 4B – Sports Medicine Bickler Room

Moderator: James A. Slough, MD, Excelsior Orthopaedics

4:30 pm – 4:34 pm

Two-Year Outcomes for Medial Patellofemoral Ligament Reconstruction

Gerard Williams, MD, Ochsner Sports Medicine Institute

4:34 pm – 4:38 pm

Hip Arthroscopy Improves Patient Satisfaction in All Patients Regardless of Age

Brian M. Godshaw, MD, Ochsner Sports Medicine Institute

4:38 pm – 4:42 pm

Sleep Apnea is a Risk Factor for Total Knee Arthroplasty

Wayne Cohen-Levy, MD, University of Miami

*Presented by Scott A. Nelson, DO

4:42 pm – 4:47 pm

Discussion

4:47 pm – 4:51 pm

Patient Experience with Outpatient Hip or Knee Joint Replacement

Reginald Villacorta, PhD, West Chester, PA

*Presented by Daniel P. Hoeffel, MD

4:51 pm – 4:55 pm

Cementless Total Knee Arthroplasty: Greater Pain and Slower Recovery

Mark Hood, MD, Indiana University

*Presented by Julian E. Dilley, BS

4:55 pm – 5:00 pm

Discussion

Rapid Fire Session 4C – Spine Tannehill Room

Moderator: Robert M. Peroutka, MD, Rubin Institute of Advanced Orthopedics, Center for Joint Preservation and Replacement

4:30 pm – 4:34 pm

The Incidence of Timely Application of Mechanical DVT Prophylaxis in Spine Trauma Patients

Jacob C. Hoffmann, MD, McGovern Medical School

*Presented by Matthew D. Hnatow, MD

4:34 pm – 4:38 pm

Finite Element Analysis of Porous Cages for Lateral Lumbar Interbody Fusion

Guy R. Fogel, MD, Spinepainbegone Clinic

4:38 pm – 4:42 pm

Rib Cage Effect on Adjacent Segment Following Thoracolumbar Posterior Fixation

Jessica Hughes, MD, Baylor Scott & White Health

4:42 pm – 4:45 pm

Discussion

4:45 pm – 4:49 pm

Finite Element Analysis of Lumbar Interbody Fusion Cages with Various Lordotic Angle

Guy R. Fogel, MD, Spinepainbegone Clinic

4:49 pm – 4:53 pm

Potential Proximal Junctional Kyphosis Prophylaxis Using a Novel Technique

Jessica Hughes, MD, Baylor Scott & White Health

4:53 pm – 4:57 pm

Molybdenum Rhenium Alloy Provides Superior Biomechanical and Wear Properties for a New Generation of Spine Implants

Kornelis Poelstra, MD, PhD, The Spine Institute on the Emerald Coast

4:57 pm – 5:00 pm

Discussion

5:00 pm – 6:00 pm

Multimedia Education Session Capitol Ballroom Foyer

Saturday, September 29

7:00 am – 7:05 am

Announcements

George W. Brindley, MD, Texas Tech University, President

Symposium 8 – Hand Surgery

Moderator: Brendan J. MacKay, MD, Texas Tech University

7:10 am – 7:30 am

Distal Radius Fractures: Beyond the Volar Locking Plate

James M. Saucedo, MD, MBA, The Hand Center of San Antonio

7:30 am – 7:45 am

Use of Intramedullary Screw Fixation for Metacarpal Fracture: Evolution and Expanding Indications

David E. Ruchelsman, MD, FAAOS, Newton-Wellesley Hospital

7:45 am – 8:00 am

Free Vascularized Fibular Graft: Technique and Applications

Douglas S. Fornfeist, MD, Baylor Scott & White

8:00 am – 8:25 am

Case Presentations

Symposium 9 – Sports Medicine

Moderator: Matthew P. Ferguson, MD, Texas Tech University

Scientific Program

Capitol Ballroom D, Unless Otherwise Specified

8:30 am – 8:45 am

Update on the Posterolateral Corner: Illuminating the Dark Side of the Knee

Dustin L. Richter, MD, University of New Mexico

8:45 am – 9:00 am

Reliable Treatment for Popliteal Cysts. Lesson Learned the Hard Way

Robert E. Reeve, MD, Baylor Scott & White

9:00 am – 9:15 am

ACL Reconstruction - Past, Present, and Future

Matthew D. Driscoll, MD, Austin Regional Clinic

9:15 am – 9:35 am

Case Presentations

9:35 am – 9:55 am

REFRESHMENT BREAK Capital Ballroom Foyer

Rapid Fire Session 5A – Knee Barton Room

Moderators: Matthew P. Ferguson, MD, Texas Tech University

9:55 am – 9:59 am

Two Year Outcomes for a Novel Technique for High Tibial Osteotomy

Gerard Williams, MD, Ochsner Sports Medicine Institute

9:59 am – 10:03 am

Manipulation Rate Is Not Increased After Customized Total Knee Arthroplasty

Andrew B. Kay, MD, Houston Methodist Hospital

10:03 am – 10:07 am

Medical Response Team Alerts Following Elective Knee Arthroplasty

Michael J. Collins, BS, New York University Langone Health

*Presented by Jonathan Gabor, BS

10:07 am – 10:12 am

Discussion

10:12 am – 10:16 am

Femoral Sagittal Alignment: Measurement and Description of Novel Technique

Benjamin D. Welling, MD, Baylor Scott and White

10:16 am – 10:20 am

Surgeon Volume Does Not Influence Short-Term Outcomes Following Robotic-Assisted Medial UKA

Zlatan Cizmic, MD, New York University Langone Health

10:20 am – 10:25 am

Discussion

Rapid Fire Session 5B – Upper Extremity Bickler Room

Moderators: Brendan J. MacKay, MD, Texas Tech University

9:55 am – 9:59 am

Walk-in Clinic Evaluation of Operative Distal Radius Fractures by Nonoperative Providers

Matthew N. Fournier, MD, University of Tennessee Campbell Clinic

*Presented by Eric Villarreal, MD

9:59 am – 10:03 am

Appropriate Candidates for Outpatient Shoulder Arthroplasty: A Validated Selection Algorithm

Matthew N. Fournier, MD, University of Tennessee Campbell Clinic

*Presented by Eric Villarreal, MD

10:03 am – 10:07 am

Trans-Brachioradialis Approach to the Radial Tunnel: An Anatomic Study of 5 Potential Sites of Compression

Jason Ummel, DO, Valley Orthopedic Surgery

*Presented by John G. Coury, DO

10:07 am – 10:10 am

Discussion

10:10 am – 10:14 am

Preoperative Comorbidities Predict Lower Physical Therapy Compliance Rates After Shoulder Arthroplasty

Matthew N. Fournier, MD, University of Tennessee Campbell Clinic

*Presented by Eric Villarreal, MD

10:14 am – 10:18 am

Clinical Outcomes of Open Subpectoral Biceps Tenodesis with All-suture Anchor

Eric Huish, DO, Valley Orthopedic

*Presented by John G. Coury, DO

10:18 am – 10:22 am

Insulin Dependence and Diabetes Predict Outcomes in Total Shoulder Arthroplasty

Brandon E. Lung, BS, Stony Brook University School of Medicine

*Presented by Hari Iyer, MD

10:22 am – 10:25 am

Discussion

Rapid Fire Session 5C – Sports Medicine Tannehill Room

Moderator: Frederick C. Flandry, MD, FACS, The Hughston Clinic

9:55 am – 9:59 am

Lateral Meniscal Tears: Comparing Outcomes With and Without a Concurrent ACL Tear

Bernard M. Seger, MD, South Texas Bone and Joint

9:59 am – 10:03 am

Subacromial Spacer-Treatment of Massive Irreparable Rotator-Cuff Tears: A Systematic Review

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Amit Momaya, MD, University of Alabama at Birmingham

*Presented by Alexander Dombrowsky, BS

10:03 am – 10:07 am

Accuracy of Tibial Slope Estimation in Total Knee Arthroplasty

Connor A. Ojard, MD, Ochsner Clinic Foundation

*Presented by Brian M. Godshaw, MD

10:07 am – 10:12 am

Discussion

10:12 am – 10:16 am

Resident/Fellow Rapid Fire Award

Silicone and Carbon Debris Behavior in the Porcine Knee; Does Particle Migration Occur?

David A. Spenciner, MBA, MSc, Rensselaer Polytechnic Institute

10:16 am – 10:20 am

Systematic Review of Periprosthetic Fractures After Total Knee Arthroplasty

Dustin Rinehart, MD, University of Texas Southwestern

*Presented by Aaron Gebrelul, MD

10:20 am – 10:25 am

Discussion

Resident Paper Session 3

Moderator: Frederick C. Flandry, MD, FACS, The Hughston Clinic & Robert M. Peroutka, MD, Rubin Institute of Advanced Orthopedics, Center for Joint Preservation and Replacement

10:30 am – 10:35 am

Does Intra-Operative Antibiotic Irrigation Decrease Peri-Prosthetic Joint Infections?

Ian M. Ratheal, MD, Texas Tech University Health Science Center

10:35 am – 10:40 am

Computer Navigation for Revision Total Hip Arthroplasty Reduces Dislocation Rates

Zlatan Cizmic, MD, New York University Langone Health

10:40 am – 10:45 am

Rib and Transverse Process: Anchor Point for Reduction Band Fixation

Jessica Hughes, MD, Baylor Scott & White Health

10:45 am – 10:52 am

Discussion

10:52 am – 10:57 am

Negative Pressure Wound Therapy vs Dermabond for Total Joint Incisions

Brenton G. Albracht, MD, Texas Tech University Health Science Center

10:57 am – 11:03 am

Resident/Fellow Paper Award

Definitive Management of Combat-Related Pelvic Ring

Disruption Fractures with External Fixation: A Case Series

Benjamin W. Hoyt, MD, Walter Reed National Military Medical Center

11:03 am – 11:08 am

Ipsilateral Femoral Neck and Shaft Fractures - One or Two Devices?

Stephen Blake Wallace, MD, University of Texas Southwestern

11:05 am – 11:15 am

Discussion

11:15 am – 11:20 am

Early Hip Fracture Surgery Is Safe for Patients on Direct Oral Anticoagulants

Brian M. Godshaw, MD, Ochsner Sports Medicine Institute

11:20 am – 11:25 am

Scapular Retraction Test's Diagnostic Accuracy in Assessing Rotator Cuff Status

Stephen T. Gates, MD, University of Texas Southwestern

*Presented by Breann K. Tisano, MD

11:25 am – 11:30 am

Opioid Use Predicts Higher Rates of Nonunion After Humerus Fractures

Christopher Wang, DO, Broward General Center

11:30 am – 11:35 am

Capitellar Internal Fixation Using a Novel Anterior to Posterior Approach

Kyle J. MacGillis, MD, Stony Brook University

*Presented by Hari Iyer, MD

11:35 am – 11:45 am

Discussion

Presidential Address / Awards Session / Passing of the Gavel

11:45 am – 12:05 pm

What Have I Learned?

George W. Brindley, MD, Texas Tech University, President

12:05 pm – 12:25 pm

Business Meeting

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See you next Fall
in Atlanta, GA



September 2019
Atlanta, GA