



40th ANNIVERSARY
AANA22



Annual Meeting
San Francisco
May 19-21, 2022

THURSDAY, MAY 19

6:30 a.m. Breakfast in Exhibit Hall

GENERAL SESSION – (Main Stage)

7-7:30 a.m.

Title: Welcome and Opening Session

Time	Talk Title	Faculty
7-7:05 a.m.	Welcome by the Program Chair	Kevin F. Bonner, M.D., FAANA
7:05-7:12 a.m.	Welcome by the President	Mark H. Getelman, M.D., FAANA
7:12-7:22 a.m.	Introduction of Asian-Pacific Faculty	Mark H. Getelman, M.D., FAANA
Asian-Pacific Faculty: Kyung Wook Nha, M.D., President, Korean Arthroscopy Association Jae Chul Yoo, M.D., Ph.D., Korea Yong-Girl Rhee, M.D., Korea Chanakarn Phornphutkul, M.D., President, Asia-Pacific Knee, Arthroscopy and Sports Medicine Society, Thailand Patrick Shu-Hang Yung, M.D., Asian-Pacific Knee, Arthroscopy and Sports Medicine Society, Hong Kong		
7:22-7:27 a.m.	In - Memoriam Tribute: Colleagues We've Lost	Brian J. Cole M.D., M.B.A., FAANA
7:27-7:30 a.m.	Transition	

GENERAL SESSION – (Main Stage)

7:30-9:15 a.m.

Title: Shoulder Instability

Moderators: Michael T. Freehill, M.D., Jessica Ryu, M.D.

Time	Talk Title	Faculty
7:30-7:38 a.m.	Understanding and Application of the Glenoid Track	John M. Tokish, M.D., FAANA
7:38-7:44 a.m.	First-Time Dislocators: Who Should Get Surgery?	Ian K.Y. Lo, M.D., F.R.C.S.C., FAANA
7:44-7:52 a.m.	Contemporary Bankart Repairs: How Do Results Differ From the Past?	Richard K.N. Ryu, M.D.
7:52-7:58 a.m.	Restoring Bone Loss: Options and My Current Algorithm	Ivan H. Wong, M.D., FAANA
7:58-8:04 a.m.	“Gray-Zone” Decision-Making: Considerations When Picking My Instability Procedure	John D. Kelly IV, M.D., FAANA
8:04-8:05 a.m.	Debate: So, It's Your Kid: High School LAX Player With 16% Bone Loss	Moderator: Michael T. Freehill, M.D.
8:05-8:10 a.m.	Pro: Well-Done Arthroscopic Bankart: Mitigate Risk	Anthony A. Romeo, M.D.

8:10-8:15 a.m.	Pro: Latarjet: One and Done	Jeanne C. Patzkowski, M.D.
8:15-8:45 a.m.	Instability Abstract Presentations	Moderators: Michael T. Freehill, M.D., Jessica (J.J.) Ryu, M.D.
8:15-8:20 a.m.	Remplissage Reduces Risk of Recurrent Instability vs. Bankart Repair Alone at Medium-Term Follow-Up	Jarret M. Woodmass, M.D., F.R.C.S.C.
8:20-8:25 a.m.	Open Bankart vs. Arthroscopic Bankart With Remplissage for Instability With Subcritical Bone Loss	Jordan Tropf, M.D.
8:25-8:30 a.m.	Bankart Repair With Remplissage vs. Latarjet for Anterior Shoulder Instability	Eoghan T. Hurley, M.B., B.S.Ch., MC.h.
8:30-8:35 a.m.	Screw Fixation Has Better Outcomes Than Button Fixation for Glenoid Reconstruction: Matched Analysis	Ivan H. Wong, M.D., FAANA
8:35-8:40 a.m.	Q&A	Moderators: Michael T. Freehill, M.D., Jessica (J.J.) Ryu, M.D.
8:40-9:10 a.m.	Case Panel: Controversies in Shoulder Instability	Moderator: Richard K.N. Ryu, M.D. Panelists: Jae Chul Yoo, M.D., Ph.D., Ian K.Y. Lo M.D., F.R.C.S.C., FAANA, John M. Tokish, M.D., FAANA, Ivan H. Wong, M.D., FAANA, John D. Kelly IV, M.D., FAANA, Jeanne C. Patzkowski, M.D., Anthony A. Romeo, M.D., Giovanni Di Giacomo, M.D.
9:10-9:15 a.m.	Q&A	Moderators: Michael Freehill, M.D., Jessica (J.J.) Ryu, M.D.

9:15-9:45 a.m. Break in Exhibit Hall

GENERAL SESSION – (Main Stage)

9:45-11 a.m.

Title: Rotator Cuff Symposium

Moderators: Adnan Saithna M.D., FAANA, Joseph C. Tauro, M.D., FAANA

Time	Talk Title	Faculty
9:45-9:51 a.m.	Surgery vs. Rehab? 2022 Decision-Making for Atraumatic Full-Thickness Rotator Cuff Tears	Michael J. O'Brien, M.D., FAANA
9:51-9:57 a.m.	Video Lecture: Technical Tips to Subscapularis Repair	Jonathan B. Ticker, M.D., FAANA
9:57-10:03 a.m.	Acromioplasty in 2022: Time or Too Soon to Abandon Spur Removal?	Sara L. Edwards, M.D.
10:03-10:09 a.m.	The Rationale for Rotator Cuff Augmentation	Brian J. Cole M.D., M.B.A., FAANA
10:09-10:10 a.m.	Debate: Bioinductive Scaffold Augmentation in Rotator Cuff Repair	Moderator: Adnan Saithna, M.D., FAANA
10:10-10:16 a.m.	Pro: Bioinductive Scaffolds Are Proliferating – Both Efficacious and Cost Effective	Louis F. McIntyre, M.D., FAANA
10:16-10:22 a.m.	Con: Bioinductive Scaffold Augmentation Requires Some Scrutiny	Jae Chul Yoo, M.D., Ph.D.

10:22-10:28 a.m.	Stratify Your RC Rehab Protocols: The Stiff, Standard and Massive	Luke S. Oh, M.D.
10:28-10:30 a.m.	Q&A/Transition	Moderators: Adnan Saithna, M.D., FAANA, Joseph C. Tauro, M.D., FAANA
10:30-11 a.m.	Rotator Cuff Abstract Presentations	Moderators: Adnan Saithna, M.D., FAANA, Joseph C. Tauro, M.D., FAANA
10:30-10:35 a.m.	Early Improvement in Outcomes After Rotator Cuff Repair Is Predictive of Greater Final Improvement	Michael H. Amini, M.D.
10:35-10:40 a.m.	A Threshold of Preoperative Function That Predicts Poor Improvement After Rotator Cuff Repair?	Michael H. Amini, M.D.
10:40-10:45 a.m.	Radiographic Risk Factors That Predict Postoperative Graft Failure in Bridging Reconstruction	Ivan H. Wong, M.D., FAANA
10:45-10:50 a.m.	Graft Integrity Affects Clinical Outcomes After Superior Capsular Reconstruction: A Multicenter Study	Akihiko Hasegawa, M.D., Ph.D.
10:50-10:55 a.m.	Biologic Graft Utilization for Rotator Cuff Surgery: Superior Capsular Reconstruction on the Decline	Abby C. Hankins, M.S.
10:55-11 a.m.	Q&A	Moderators: Adnan Saithna, M.D., FAANA, Joseph C. Tauro, M.D., FAANA

10 a.m. – 3 p.m. Optional Guest Event: Sonoma Wine Tour

GENERAL SESSION – (Main Stage)

11 a.m. -12:30 p.m.

Title: Massive Rotator Cuff Tears

Moderators: Michael H. Amini, M.D., Kevin W. Farmer, M.D.

Time	Talk Title	Faculty
11-11:07 a.m.	Evaluating the Massive Cuff: What Factors Drive My Decision-Making	Larry D. Field, M.D., FAANA
11:07-11:13 a.m.	Video Lecture: Pearls to Successful Massive Rotator Cuff Repair	Nikhil N. Verma, M.D., FAANA
11:13-11:19 a.m.	SCR: Update on Clinical and Radiographic Results	Justin W. Griffin, M.D.
11:19-11:20 a.m.	Debate: 65-Year-Old Very Active Attorney: Irreparable Superior Cuff, High-Grade Subscap and Biceps Tear – Full ROM but Painful!	Moderator: Michael H. Amini, M.D.
11:20-11:25 a.m.	Pro: SCR Is Worth the Hassle	Scott W. Trenhaile, M.D., FAANA
11:25-11:30 a.m.	Pro: Interpositional Grafts May Be All You Need	Kevin F. Bonner, M.D., FAANA
11:30-11:36 a.m.	Pro: Partial Repair/ Address the Biceps - Works for Most!	Jeffrey S. Abrams, M.D.
11:36-11:42 a.m.	Pro: Finally Here – Pump Up the Balloons!	Joseph A. Abboud, M.D.

11:42-11:48 a.m.	When a Reverse Makes Sense: But What Is Too Young?	Patrick St. Pierre, M.D.
11:48-11:56 a.m.	International Lecture: North American vs. Asian SCR – Is It Really the Same Thing?	Yong-Girl Rhee, M.D.
11:56 a.m.-12:21 p.m.	Case Panel: The Massive Cuff Quandary – Current Thoughts to Guide You	Moderators: John M. Tokish, M.D., FAANA, Josef K. Eichinger, M.D. Panelists: Yong-Girl Rhee, M.D., Patrick St. Pierre, M.D., Jeffrey S. Abrams, M.D., Joseph A. Abboud, M.D., Larry D. Field, M.D., FAANA, Nikhil N. Verma, M.D., FAANA, Scott W. Trenhaile, M.D., Giovanni Di Giacomo, M.D.
12:21-12:25 p.m.	Q&A	Moderators: Michael H. Amini, M.D., Kevin W. Farmer, M.D.
12:25-12:30p.m.	Lifetime Achievement Award: Stephen J. Snyder, M.D.	Mark H. Getelman, M.D., FAANA

Announcement of Nominating Committee Selections: Mark H. Getelman, M.D., FAANA

12:30-1:30 p.m. Exhibit Hall Break and Industry Lunch Presentations

1:30-1:45 p.m. Devices and Desserts

GENERAL SESSION – (Main Stage)

1:45-2:55 p.m.

Title: SLAP/Biceps and The Throwing Shoulder

Moderators: J. Martin Leland III, M.D., Misty Suri, M.D., M.S., FAANA

Time	Talk Title	Faculty
1:45-2:20 p.m.	SLAP/Biceps Abstract Presentations	Moderators: J. Martin Leland III, M.D., Misty Suri, M.D., M.S., FAANA
1:45-1:50 p.m.	Primary Biceps Tenodesis vs. Secondary Biceps Tenodesis Following Failed SLAP Repair	Eoghan T. Hurley, M.B., B.Ch., M.Ch.
1:50-1:55 p.m.	Arthroscopic Supraperectoral vs. Open Subperectoral Bicep Tenodesis at Three-Year, Mid-Term Follow-Up	Brian Forsythe, M.D.
1:55-2 p.m.	Radiostereometric Analysis and Patient-Reported Outcomes of Biceps Tenodesis: Comparing All-Suture Anchor vs. Interference Screw	Brian Forsythe, M.D.
2-2:05 p.m.	Clinical Outcomes of Subperectoral, Supraperectoral and Top-of-Groove Biceps Tenodesis Procedures	James J. Guerra, M.D.
2:05-2:10 p.m.	Lipstick Sign Does Not Compromise Outcomes When the Bicep is Left Alone in Shoulder Arthroscopy	Justin W. Griffin, M.D.

2:10-2:15 p.m.	Q&A	Moderators: J. Martin Leland III, M.D., Misty Suri, M.D., M.S., FAANA
2:15-2:21 p.m.	The Painful Throwing Shoulder: Is the Back Too Tight? Or Front too Loose? Assessment and Decision-Making	Jeffrey R. Dugas, M.D.
2:21-2:27 p.m.	MRI Says SLAP Tear in a Young Patient: Intraoperative Assessment of Who Needs a SLAP Repair, Tenodesis, Both or Nothing?	Michael T. Freehill, M.D.
2:27-2:33 p.m.	Biceps Tenodesis Trends: What's Driving the Boom?	Alan S. Curtis, M.D., FAANA
2:33-2:53 p.m.	Biceps Panel: What I'm Doing Now	Moderator: Nikhil N. Verma, M.D., FAANA Panel: Alan S. Curtis, M.D., FAANA, Michael T. Freehill, M.D., Brian Forsythe, M.D., Xavier A. Duralde, M.D., Anthony A. Romeo, M.D., Jeffrey S. Abrams, M.D., Jae Chul Yoo, M.D., Ph.D.,

GENERAL SESSION: (Main Stage)

Title: Innovations Guest Lecture

2:53-3:15 p.m.

Time	Talk Title	Faculty
2:53-2:55 p.m.	Introduction to Innovations Lecture	Richard L. Angelo, M.D., Ph.D.
2:55-3:15 p.m.	Innovations Guest Lecture: Artificial Intelligence Will Change Orthopaedics as We Know It	Justin D. Krogue, M.D.

3:15-3:30 p.m. Transition Break

3:30-5 p.m. AANA Residents and Fellows Program

SESSION – CONCURRENT I-A (Main Stage)

3:30-5 p.m.

Title: Asian-Pacific/North American Symposium: Controversies in Arthroscopy – Conflict or Consensus?

Moderators: Shariff K. Bishai, D.O., M.S., FAANA, Mark R. Hutchinson, M.D., FAANA

Time	Talk Title	Faculty
3:30-4 p.m.	Sharing Our Bag of Tricks From Across the Pacific	Moderators: Shariff K. Bishai, D.O., M.S., FAANA, Mark R. Hutchinson, M.D., FAANA
3:30-3:38 p.m.	Video Lecture: Arthroscopic Cystectomy for Baker's Cysts – With and Without Valve Lesions	Kyung Wook Nha, M.D.
3:38-3:46 p.m.	Video Lecture: Biceps Rerouting for Large-to-Massive Rotator Cuff Tears	Yong-Girl Rhee, M.D.

3:46-3:54 p.m.	Video Lecture: Posterior Shoulder Instability – Dealing With the Humeral Head Bone Defects – Arthroscopic Repair to Open Allografts	Chanakarn Phornphutkul, M.D.
3:54-3:59 p.m.	Q&A	Moderators: Shariff K. Bishai, D.O., M.S., FAANA, Mark R. Hutchinson, M.D., FAANA
3:59-4:29 p.m.	Asian-Pacific Panel: Current Controversies in Arthroscopic Knee and Shoulder Surgery – Do We Have Consensus?	Moderators: John D. Kelly IV, M.D., FAANA, Aaron J. Krych M.D. Panel: Patrick Shu-Hang Yung, M.D., Yong-Girl Rhee, M.D., Jae Chul Yoo, M.D., Ph.D., Kyung Wook Nha, M.D., Chanakarn Phornphutkul, M.D.
4:30-5 p.m.	Meniscus Abstract Presentations	Moderators: Shariff K. Bishai, D.O., M.S., FAANA, Mark R. Hutchinson, M.D., FAANA
4:30-4:35 p.m.	Clinical Outcomes of Isolated Meniscal Repairs for New Meniscal Injuries After Anterior Cruciate Ligament (ACL) Reconstruction	Johnny Rayes, M.D., M.S.c
4:35-4:40 p.m.	Isolated Medial Meniscus Repairs Are at Higher Risk of Failure Compared to Lateral Meniscus Tears	Johnny Rayes, M.D., M.S.c.
4:40-4:45 p.m.	The More the Merrier? An Analysis of Meniscus Repair Failure Using All-Inside Implants	Alex C. Dibartola, M.D., M.P.H.
4:45-4:50 p.m.	Meniscal Hidden Ramp Lesion Without Torn Anterior Cruciate Ligament: Outcome Study	Emre Anil Ozbek, M.D.
4:50-4:55 p.m.	A Reliable and Clinically Useful Classification for Biconcave Medial Tibial Plateau Morphology	Trevor Shelton, M.D., M.S.
4:55-5 p.m.	Q&A	Moderators: Shariff K. Bishai, D.O., M.S., FAANA, Mark R. Hutchinson, M.D., FAANA

SESSION –CONCURRENT I-B

3:30-5 p.m.

Title: Hip Femoroacetabular Impingement (FAI)

Moderators: Andrea M. Spiker, M.D., J.W. Thomas Byrd, M.D.

Time	Talk Title	Faculty
3:30-3:35 p.m.	Preoperative Decision Making and Planning	Benedict U. Nwachukwu, M.D.
3:35-3:43 p.m.	Video- Optimizing Surgical Correction of Femoroacetabular Impingement Syndrome (FAIS)	Michael J. Salata, M.D.
	Debate: Borderline Dysplasia – What to Do?	Moderator: J.W. Thomas Byrd, M.D.
3:43-3:48 p.m.	Pro: Borderline Dysplasia – Scope Alone	Ajay C. Lall, M.D., M.S.
3:48-3:53 p.m.	Pro: Borderline Dysplasia – Scope and PAO	Andrea M. Spiker, M.D.

3:53-3:58 p.m.	Approach to the Failed Hip	Shane J. Nho, M.D., M.S.
3:58-4:06 p.m.	Video: Labral Augmentation	Marc J. Philippon, M.D.
4:06-4:14 p.m.	Video: Labral Reconstruction	Andrew B. Wolff, M.D.
4:14-4:29 p.m.	Case Panel: Questions and Controversies in Femoroacetabular Impingement	Moderator: Allston J. Stubbs IV, M.D., M.B.A. Panel: Benedict U. Nwachukwu, M.D., Michael J. Salata, M.D., Ajay C. Lall, M.D., M.S., Andrea M. Spiker, M.D., Shane J. Nho, M.D., M.S., Marc J. Philippon, M.D., Andrew B. Wolff, M.D.
4:29-4:30 p.m.	Transition	
4:30-5 p.m.	Hip Abstract Presentations	Moderators: Andrea M. Spiker, M.D., J.W. Thomas Byrd, M.D.
4:30-4:35 p.m.	Arthroscopic FAI Management in Borderline Dysplasia: Long Term Outcomes	Daniel H. Nawabi, M.D.
4:35-4:40 p.m.	Predictors of Return to Sport in High-Level Athletes Following Hip Arthroscopy	Andrew E. Jimenez, M.D.
4:40-4:45 p.m.	Resilience in Hip Arthroscopy: Can We Predict Patient Outcomes Based on Resiliency?	Patrick F. Szukics, D.O.
4:45-4:50 p.m.	Clinical Outcomes in Patients With FAIS and Acetabular Retroversion: A 3-D Analysis	Derrick Knapik, M.D.
4:50-4:55 p.m.	Effect of Capsular Repair on Initial Hip Distraction in Primary Hip Arthroscopy: An In-Vivo Analysis	Alexander J. Mortensen, M.D.
4:55-5 p.m.	Q&A	Moderators: Andrea M. Spiker, M.D., J.W. Thomas Byrd, M.D.

SESSION – CONCURRENT I-C

3:30-5 p.m.

Title: Foot and Ankle

Moderators: Eric Giza, M.D., John G. Kennedy, M.D.

Time	Talk Title	Faculty
3:30-3:32 p.m.	Introduction	Moderators: Eric Giza, M.D., John G. Kennedy, M.D.
3:32-3:39 p.m.	Ankle Arthroscopy: Pearls for Success	James W. Stone, M.D., FAANA
3:39-3:46 p.m.	Ankle Instability: Open and Arthroscopic Techniques	Peter G. Mangone, M.D.
3:46-3:53 p.m.	Anterior/Posterior Impingement: Treatment Options	Phinit Phisitkul, M.D.
3:53-4 p.m.	Scoping Ankle Fractures: The Evidence Is In – You Should Be Doing This!	Eric I. Ferkel M.D.
4-4:35 p.m.	Management of Osteochondral Lesions of the Ankle	Moderators: Eric Giza, M.D., John G. Kennedy, M.D.
4-4:07 p.m.	Less Invasive Arthroscopic Options	Kevin D. Martin, D.O., FAANA
4:07-4:14 p.m.	Open Options for Larger Lesions	John G. Kennedy, M.D.
4:14-4:21 p.m.	Addressing Peroneal Tendon Pathology: Tendoscopy and Treatment	Eric Giza, M.D.

4:21-4:28 p.m.	My Approach to Subtalar Joint Arthroscopy	Richard D. Ferkel, M.D.
4:28-4:35 p.m.	Q&A/Transition	Moderators: Eric Giza, M.D., John G. Kennedy, M.D.
4:35-5 p.m.	Foot and Ankle Abstract Presentations	Moderators: Eric Giza, M.D., John G. Kennedy, M.D.
4:35-4:40 p.m.	Arthroscopic Reduction and Internal Fixation of Complex Talus Fractures, An All-Inside Technique	Kevin D. Martin, D.O.
4:40-4:45 p.m.	Arthroscopic vs. Open Combined Ankle and Subtalar Fusion Using a Retrograde Tibial Nail	Alastair S. Younger, M.B., ChB, F.R.C.S.C.
4:45-4:50 p.m.	Biomechanical Changes in the Ankle Joint After Syndesmosis and Deltoid Injury and Subsequent Repairs	Sarah Nelson, M.D.
4:50-4:55 p.m.	A Cohort Comparison of Arthroscopic and Open Lapidus Correction and Complications for Hallux Valgus	Alastair S. Younger, M.B., ChB, F.R.C.S.C.
4:55-5 p.m.	Q&A	Moderators: Eric Giza, M.D., John G. Kennedy, M.D.

SESSION – CONCURRENT I-D

3:30-4:30 p.m.

Title: ON/AANA Orthoregeneration Grant Tank Competition 2022

Moderator: Brian J. Cole M.D., M.B.A., FAANA

Time	Talk Title	Faculty
3:30-3:35 p.m.	Introduction	Brian J. Cole M.D., M.B.A., FAANA
3:35-3:45 p.m.	Research Presentation #1	
3:45-3:55 p.m.	Study Questions from Review Panel	Rachel M. Frank, M.D., Mark J. Lemos, M.D., Natalie Leong, M.D.
3:54-4:05 p.m.	Research Presentation #2	
4:05-4:15 p.m.	Study Questions from Review Panel	Review Panel: Rachel M. Frank, M.D., Mark J. Lemos, M.D., Natalie Leong, M.D.
4:15-4:25 p.m.	Research Presentation #3	
4:25-4:35 p.m.	Study Questions from Review Panel	Review Panel: Rachel M. Frank, M.D., Mark J. Lemos, M.D., Natalie Leong, M.D.
4:35-4:45 p.m.	Wrap up, State Time for Winner Announcement	Brian J. Cole M.D., M.B.A., FAANA
4:45-5 p.m.	Voting Begins via QR Code	

5-5:15 p.m. Transition Break

5:15-6:30 p.m. Instructional Course Lectures (ICLs)

ICL 101 Considerations and Challenges in Revision Anterior Cruciate Ligament Reconstruction

Aman Dhawan, M.D., Michael J. Alaia, M.D., Jonathan F. Dickens, M.D., L.T.C., M.C., Seth L. Sherman, M.D., Brian R. Waterman, M.D., FAANA

ICL 102 *Hype, Promise, and Reality: Orthopaedic Use of Biologics in 2022*

Stephen C. Weber, M.D., Mario Hevesi, M.D., Ph.D., Jason L. Dragoo, M.D., Cassandra A. Lee, M.D., Scott A. Rodeo, M.D.

ICL 103 *Arthroscopic Glenoid Reconstruction, Bone Blocks and Transfers in the Management of Complex Shoulder Instability With Bone Loss: Advanced Concepts and Surgical Techniques: Interactive and Case - Based*

Richard K.N. Ryu, M.D., Mark H. Getelman, M.D., FAANA, Rachel M. Frank, M.D., John M. Tokish, M.D., FAANA

ICL 104 *The Failed Hip Arthroscopy – How to Successfully Manage (and Not Replace) It*

Marc R. Safran, M.D., Ajay C. Lall, M.D., M.S. Marc J. Philippon, M.D., Andrea M. Spiker, M.D.

ISAKOS ICL: *Managing the Meniscus: Cutting Edge Repair and Transplants. An ISAKOS Global Perspective*

Jason L. Koh, M.D., M.B.A., USA, Guillermo Arce, M.D., ARGENTINA, Alberto Gobi, M.D., ITALY, John G. Lane, M.D., USA,

6:30-7 p.m. International Reception

7-8:30 p.m. Welcome Reception in Exhibit Hall

8-10 p.m. Past Presidents' Dinner

FRIDAY, MAY 20

6-7 a.m. Ecumenical Breakfast

7 a.m. Breakfast in Exhibit Hall

7-8:15 a.m. Instructional Course Lectures (ICLs)

ICL 201 *Cartilage Injury of the Knee: Current Controversies in 2022*

Aaron J. Krych, M.D., Paul E. Caldwell, M.D., FAANA, Rachel M. Frank, M.D., Andreas H. Gomoll, M.D.

ICL 202 *Controversies in the Overhead Athlete's Shoulder*

John D. Kelly IV, M.D., FAANA, Michael T. Freehill, M.D., William, B. Kibler, M.D., Michael J. O'Brien, M.D., FAANA, Brian R. Waterman, M.D., FAANA

ICL 203 *Simmering Controversies in the Management of Shoulder Instability: Can You Handle the Truth?*

Jonathan F. Dickens, M.D., L.T.C., M.C., Richard K.N. Ryu, M.D., John M. Tokish, M.D., FAANA, Ivan H. Wong, M.D., FAANA

ICL 204 *So You've Mastered Medial Patellofemoral Ligament (MPFL) Reconstruction: What Else to Add, and When?*

8:15-8:30 a.m. Transition Break

GENERAL SESSION – (Main Stage)

8:30-9:30 a.m.

Title: Salvaging the Meniscus – How Far Can We Push the Limits and Expect Success?

Moderators: William R. Beach, M.D., Elizabeth G. Matzkin, M.D.

Time	Talk Title	Faculty
8:30-8:37 a.m.	My Latest Meniscus Repair Techniques	Aaron J. Krych, M.D.
8:37-8:38 a.m.	Debate: Pushing the Limits on Complex Meniscus Tears	Moderator: Elizabeth G. Matzkin, M.D.
8:38-8:44 a.m.	Pro: Best to Fix All and See Who Fails	David C. Flanigan, M.D.
8:44-8:50 a.m.	Pro: Resection is Okay and Often What's Best	Mark J. Lemos, M.D.
8:50-8:51 a.m.	Debate: Acute Medial Root Tear in a 55-Year-Old Female: BMI-30, Normal Joint Space and Alignment With Early Degenerative Changes on MRI. What Are You Doing and Why?	Moderator: William R. Beach, M.D.
8:51-8:57 a.m.	Pro: Always Attempting Nonoperative First	Julie A. Dodds, M.D.
8:57-9:03 a.m.	Pro: Scheduling a Root Repair Next Week	Andrew J. Sheehan, M.D.
9:03-9:30 a.m.	Expert Case Panel: Meniscus Controversy – What Would You Do?	Moderators: Eric McCarty M.D., Elizabeth G. Matzkin, M.D. Panel: William R. Beach, M.D., Julie A. Dodds, M.D., Aaron J. Krych, M.D., Mark J. Lemos, M.D., David C. Flanigan, M.D., Andrew J. Sheehan, M.D.

GENERAL SESSION – (Main Stage)

Time: 9:30-9:45 a.m.

Title: Diversity Guest Lecture

9:30-9:31 a.m.	Introduction	Richard K.N. Ryu, M.D.
9:31-9:45 a.m.	Diversity Guest Lecture: Why Diversity, Equity and Inclusion Matter in Arthroscopy and Sports Medicine in 2022... What I Have Learned	Eric W. Carson, M.D.

9:45-10:15 a.m. Break in Exhibit Hall

10 a.m.-3 p.m. Optional Guest Event: Muir Woods National Monument Tour

GENERAL SESSION – (Main Stage)

10:15 -11:45 a.m.

Title: Knee Ligament/ACL

Moderators: Julie A. Dodds, M.D., John C. Richmond, M.D.

Time	Talk Title	Faculty
10:15-10:22 a.m.	Evidence-Based Graft Selection in Young Athletes	Brian Chilelli, M.D.

10:22-10:28 a.m.	Who Is Best Served With an Allograft?	Thomas R. Carter, M.D.
10:28-10:35 a.m.	Avoiding Common Technical Mistakes in ACL Surgery	Cory Edgar, M.D. Ph.D.
10:35-10:42 a.m.	My Indications and Technical Tips for LET/ALLR: Is One Better?	Alan M.J. Getgood, M.D.
10:42-10:50 a.m.	ACL Revision: Assessment and Technical Considerations for Success	Jonathan F. Dickens, M.D., L.T.C., M.C.
10:50-10:51 a.m.	Transition	
10:51-11:45 a.m.	ACL/Ligament Abstract Presentations	Moderators: Julie A. Dodds, M.D., John C. Richmond, M.D.
10:51-10:56 a.m.	Factors Associated With Arthrofibrosis Following Quadriceps Tendon Autograft ACL Reconstruction	Rebecca Haley, B.A.
10:56-11:01 a.m.	Failure to Reach the Patient Acceptable Symptomatic State After ACL Reconstruction in Patients Over 40	Richard N. Puzziello, M.D.
11:01-11:06 a.m.	Lateral Extra-Articular Procedures Significantly Reduce ACL Graft Rupture Rates in Elite Alpine Skiers	Adnan Saithna, M.D., FAANA
11:06-11:11 a.m.	Superficial MCL Augmented Repair vs. Reconstruction: A Multicenter Randomized Controlled Trial	Nicholas N. DePhillipo, Ph.D., ATC
11:11-11:16 a.m.	Q&A	Moderators: Julie A. Dodds, M.D., John C. Richmond, M.D.
11:16-11:45 a.m.	ACL/Ligament Case Panel With Q&A	Moderators: Cory Edgar, M.D. Ph.D., Jonathan S. Stone, M.D. Panel: Brian Chilelli, M.D., Thomas R. Carter, M.D., Chanakarn Phornphutkul, M.D., Robert F. LaPrade, M.D., Ph.D., Gregory C. Fanelli M.D., Gregory S. DiFelice, M.D., Michael J. Alaia, M.D., Jonathan F. Dickens, M.D., L.T.C., M.C.

GENERAL SESSION – (Main Stage)

11:45 a.m.-12:30 p.m.

Title: Presidential Keynote Speaker

Time	Talk Title	Faculty
11:45-11:50 a.m.	Distinguished Service Award	Mark H. Getelman, M.D., FAANA
11:50-11:55 a.m.	Keynote Introduction	Mark H. Getelman, M.D., FAANA
11:55 a.m.-12:30 p.m.	Keynote Address - On the Edge: The Art of High-Impact Leadership	Alison Levine

12:30-1:30 p.m. Exhibit Hall Break; Industry Lunch Presentations

1:30-1:45 p.m. Devices and Desserts

1:30-3 p.m. AANA Residents and Fellows Program

SESSION – CONCURRENT II-A (Main Stage)**1:45-3:15 p.m.****Title: Articular Cartilage Defects: Evolving Algorithms****Moderators: Christian Lattermann, M.D., Cassandra A. Lee, M.D.**

Time	Talk Title	Faculty
1:45-1:53 p.m.	Femoral Lesions: Surgical Decision-Making in 2022	Andreas H. Gomoll, M.D.
1:53-2 p.m.	Cost-Effectiveness of Cartilage Procedures: Is There a Winner?	Jason L. Koh, M.D.
2-2:01 p.m.	Debate: 2.5cm MFC Defect in a 27-Year-Old. Normal Subchondral Bone on MRI	Moderator: Cassandra A. Lee, M.D.
2:01-2:07 p.m.	Pro: MACI-Surface Treatment is All That's Needed	Brian R. Waterman M.D., FAANA
2:07-2:13 p.m.	Pro: OCA-The Most Predictable in 2022	Paul E. Caldwell, M.D., FAANA
2:13-2:21 p.m.	Articular Cartilage Defects: My Perspective on Where We Have Been and Where It's Going	Brian J. Cole, M.D., M.B.A., FAANA
2:21-2:40 p.m.	Cartilage Abstract Presentations	Moderators: Christian Lattermann, M.D., Cassandra A. Lee, M.D.
2:21-2:26 p.m.	Clinical Outcomes and Return to Sport in Patients Undergoing Osteochondral Allograft	Eoghan T. Hurley, M.B., B.Ch., M.Ch.
2:26-2:31 p.m.	Outcomes After Osteochondral Allograft Surgery for Large Patellofemoral Articular Cartilage Lesions	Clayton W. Nuelle, M.D., FAANA
2:31-2:36 p.m.	Q&A/Transition	Moderators: Christian Lattermann, M.D., Cassandra A. Lee, M.D.
2:36-3:10 p.m.	Cartilage Case Panel: It Doesn't Have to be Complex to be Controversial...	Moderators: Christian Lattermann, M.D., Nicholas A. Sgaglione, M.D. Panel: Cassandra A. Lee, M.D., Brian J. Cole, M.D., M.B.A., FAANA, Andreas A. Gomoll, M.D., Jason L. Koh, M.D., Patrick Shu-Hang Yung, M.D., Paul E. Caldwell, M.D., FAANA, Eric W. Carson, M.D., Brian R. Waterman M.D., FAANA
3:10-3:15 p.m.	Q&A	Moderators: Christian Lattermann, M.D., Nicholas A. Sgaglione, M.D.

SESSION – CONCURRENT II-B**1:45-3:15 p.m.****Title: Hip Session II: Extra-Articular Hip Disease****Moderators: Srino Bharam, M.D., . Stephanie E. Wong, M.D.**

Time	Talk Title	Faculty
1:45-1:50 p.m.	My Approach to Posterior Hip Pain: Spine, Sacrum or Buttock?	John J. Christoforetti, M.D.

1:50-1:55 p.m.	Hamstring Injuries: From Partial Tears to Chronic, Retracted Tears	Carlos A. Guanche, M.D., FAANA
1:55-2:03 p.m.	Video: Endoscopic Hamstring Repair	Richard C. Mather III, M.D., M.B.A.
2:03-2:08 p.m.	Abductor Tendon Tears: Pearls and Pitfalls	Thomas H. Wuerz, M.D., M.Sc.
2:08-2:16 p.m.	Video: Endoscopic Gluteal Tendon Repairs	Joshua D. Harris, M.D.
2:16-2:24 p.m.	Video: Endoscopic Gluteal Tendon Repairs With Augmentation	Jovan Laskovski, M.D., FAANA
2:24-2:29 p.m.	Core Muscle Injuries	Dean K. Matsuda, M.D.
2:29-2:44 p.m.	Case Panel: Controversies in Extra-Articular Hip Disease	Moderator: Robert W. Westermann, M.D. Panel: John J. Christoforetti, M.D., Carlos A. Guanche, M.D., FAANA, Richard C. Mather III, M.D., M.B.A., Thomas H. Wuerz, M.D., M.Sc., Joshua D. Harris, M.D., Jovan Laskovski, M.D., FAANA, Dean K. Matsuda, M.D.
2:44-3:15 p.m.	Hip Abstract Presentations	Moderators: Srino Bharam, M.D., Stephanie E. Wong, M.D.
2:44-2:49 p.m.	Endoscopic Hip Abductor Tendon Repair With Five-10 Year Follow-Up	J.W. Thomas Byrd, M.D.
2:49-2:54 p.m.	Groin-Related Complications After Hip Arthroscopy With vs. Without a Perineal Post-Prospective Study	Matthew J. Kraeutler, M.D.
2:54-2:59 p.m.	Minimum Two-Year Outcomes of Endoscopic Proximal Hamstring Repair	Trevor Shelton, M.D., M.S.
2:59-3:04 p.m.	Increased Time to Surgery for Chronic Proximal Hamstring Tears is Associated with Worse Outcomes	Ajay Kanakamedal, M.D.
3:04-3:09 p.m.	Outcomes After Abductor Reconstruction for Patients With Complete Abductor Deficiency	Hector A. Chaires, M.D.
3:09-3:15 p.m.	Q&A	Moderators: Srino Bharam, M.D., Stephanie E. Wong, M.D.

SESSION – CONCURRENT II-C

1:45-3:15 p.m.

Title: Sports Elbow and Shoulder

Moderators: Luke S. Oh, M.D., Noah D. Weiss, M.D.

Time	Talk Title	Faculty
1:45-1:55 p.m.	Video Lecture: Tips for Avoiding Complications in Elbow Arthroscopy	Larry D. Field, M.D., FAANA
1:55-2:02 p.m.	Management of Partial Ulnar Collateral Ligament (UCL) Tears	Luke S. Oh, M.D.
2:02-2:09 p.m.	UCL Repair vs. Reconstruction: Decision-Making and Outcomes	Jeffrey R. Dugas, M.D.
2:09-2:16 p.m.	Avoiding Mistakes in “Tommy John” Surgery	S. Joshua Szabo, M.D.
2:16-2:23 p.m.	Tennis Elbow Update: What Shots, When & What Surgery	Noah D. Weiss, M.D.
2:23-2:31 p.m.	My OCD Algorithm in the Throwing Elbow	Jeffrey R. Dugas, M.D.

2:31-2:38 p.m.	Video Lecture: Pearls for Arthroscopic Capsular Release for the Stiff Elbow	Benjamin R. Graves M.D.
2:38-2:45 p.m.	Q&A	Moderators: Jeffrey R. Dugas, M.D., S. Joshua Szabo, M.D.
2:45-3:15 p.m.	Sports Elbow and Shoulder Abstract Presentations	Moderators: Luke S. Oh, M.D., Noah D. Weiss, M.D.
2:45-2:50 p.m.	Epidemiology and Impact of Shoulder Injuries in Professional Baseball Position Players and Batters	Erick M. Marigi, M.D.
2:50-2:55 p.m.	Anterior Glenohumeral Capsular Ligament Reconstruction for Internal Impingement in Baseball Players	Tadanao Funakoshi, M.D.
2:55-3 p.m.	NHL Player Workload and Performance Following Arthroscopic Shoulder Labral Repair	Joshua P. Castle, M.D.
3-3:05 p.m.	Reducing Opioids Following Sports Procedures Lowers Consumption Without Impacting Pain	Ryan H. Barnes, M.D.
3:05-3:10 p.m.	Vitamin D Levels and Musculoskeletal Injuries in Collegiate Athletes	Alexandra M. Frank, B.S.
3:10-3:15 p.m.	Q&A	Moderators: Luke S. Oh, M.D., Noah D. Weiss, M.D.

3:15-3:30 p.m. Transition Break

3:15-4:45 p.m. AANA Emerging Leaders Program

SESSION – CONCURRENT III-A (Main Stage)

3:30-4:45 p.m.

Title: Contemporary Techniques in Shoulder Surgery

Moderators: Xinning Li, M.D. , Gabriella Ode, M.D.

Time	Talk Title	Faculty
3:30-3:36 p.m.	Video Lecture: Capsular Plication in, M.D.I: Tips to Efficiently Getting Around the Clock	Thomas M. DeBerardino, M.D.
3:36-3:42 p.m.	Video Lecture: Pearls to Making Your Remplissage Easy	Patrick J. Denard, M.D., FAANA
3:42-3:48 p.m.	Video Lecture: Bankart Repair With Subscapularis Augmentation in Athletes With Shoulder Hyperlaxity	Marco Maiotti, M.D.
3:48-3:49 p.m.	Debate: 2022 Technique Debate Introduction: Single vs. Double Row RC Repair – No Holds Barred!	Moderator: Gabriella Ode, M.D.
3:49-3:55 p.m.	Pro: Two Rows Are Better Than One – Let Me Convince You	William J. Ciccone, M.D., FAANA
3:55-4:01 p.m.	Pro: Why I'm Doing Single Row Repairs Now – Listen to Me, Not the Reps in Your Room	Patrick W. Joyner, M.D.
4:01-4:08 p.m.	Video Lecture: SCR: My Latest Technical Tips to Avoid Struggling	William T. Pennington, M.D.

4:08-4:15 p.m.	Video Lecture: My Latest Acromioclavicular Reconstruction Technique – What We Have Learned	Augustus D. Mazzocca, M.D.
4:15-4:21 p.m.	Q&A	Moderators: Xinning Li, M.D., Gabriella Ode, M.D.
4:21-4:45 p.m.	Shoulder Abstract Presentations	Moderators: Xinning Li, M.D., Gabriella Ode, M.D.
4:21-4:26 p.m.	A Histological Analysis of the Superior Capsule of the Glenohumeral Joint and the Rotator Cuff	Nabil Mehta, M.D.
4:26-4:31 p.m.	Superior Capsule Reconstruction With Tensor Fascia Lata Allograft for Irreparable Rotator Cuff Tears	Young-Kyu Kim, M.D., Ph.D.
4:31-4:36 p.m.	Arthroscopic Anatomic Glenoid Reconstruction Has Excellent Outcomes at Mid-Term Follow-Up	Ivan H. Wong, M.D., FAANA
4:36-4:41 p.m.	Female Gender Is Associated With Worse Outcomes After Rotator Cuff Repair	Michael H. Amini, M.D.
4:41-4:45 p.m.	Q&A	Moderators: Xinning Li, M.D., Gabriella Ode, M.D.

SESSION – CONCURRENT III-B

3:30-4:45 p.m.

Title: Practice Management: The Business of Orthopaedics and Arthroscopy

Moderators: Jack M. Bert, M.D., Eric C. Stiefel, M.D.

Time	Talk Title	Faculty
3:30-3:31 p.m.	Business Abstract Presentations	Moderators: Jack M. Bert, M.D., Eric C. Stiefel, M.D.
3:31-3:36 p.m.	The Impact of Medical Scribes in a High-Volume Orthopaedic Sports Medicine Clinic	Joseph C. Brinkman, M.D.
3:36-3:41 p.m.	Trends in Medicare Reimbursement in Orthopaedic Sports Medicine	Sorka Deeyor, M.D.
3:41-3:43 p.m.	Q&A	Moderators: Jack M. Bert, M.D., Eric C. Stiefel, M.D.
3:43-3:50 p.m.	Medical Coding 101: CPTs, ICDs and DRGs	Eric C. Stiefel, M.D.
3:50-3:57 p.m.	E&M Coding: Adapting to 2021 Changes and Tips for Maximizing Office Reimbursement	William R. Beach, M.D.
3:57-4:07 p.m.	Hospital Employment vs. Private Practice: Maximizing Revenues From Ancillary Services, Co-Management and Contract Negotiation	Jack M. Bert, M.D.
4:07-4:21 p.m.	ASC Management	
4:07-4:14 p.m.	Arthroscopic Equipment/Implant Selection Strategies	George C. Branche III, M.D.
4:14-4:21 p.m.	Outpatient Total Joints: Maximizing Revenue, Patient and Implant Selection Strategies	Trevor Pickering, M.D.
4:21-4:28 p.m.	Understanding Private Equity Acquisition: What About the Younger Partners?	Louis F. McIntyre, M.D., FAANA
4:28-4:35 p.m.	Stark Laws, No Competes and Legal Hurdles for Your Orthopaedic Practice	David M. Glaser, J.D.
4:35-4:40 p.m.	2022 Legislative and Regulatory Update	Eric C. Stiefel, M.D.

4:40- 4:45 p.m.	Q&A	Moderators: Jack M. Bert, M.D., Eric C. Stiefel, M.D.
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SESSION – CONCURRENT III-C

3:30-4:45 p.m.

Title: Knee Tips, Techniques and Controversies

Moderators: Jacqueline M. Brady, M.D., Robert E. Hunter, M.D.

Time	Talk Title	Faculty
3:30-3:36 p.m.	All-Inside vs. Inside-Out: How Do I Choose?	Nicholas A. Sgaglione, M.D.
3:36-3:42 p.m.	Ramp Lesions: When and How to Fix	Matthew J. Salzler, M.D.
3:42-3:43 p.m.	Debate: Proximal ACL Avulsion in a 32-Year-Old Female Skier	Moderator: Jacqueline M. Brady, M.D.
3:43-3:48 p.m.	Pro: Primary Repair – Least Invasive and Works	Gregory S. DiFelice, M.D.
3:48-3:53 p.m.	Pro: BEAR – “Game Changer” in ACL Surgery	Eric C. McCarty, M.D.
3:53-3:58 p.m.	Pro: Don’t Think Twice – Reconstruct	Elizabeth Matzkin, M.D.
3:58-4:05 p.m.	Post-Debate Discussion and Editorial	Walter R. Shelton, M.D.
4:05-4:13 p.m.	Video: Collateral Reconstructions – My Way	Robert F. LaPrade, M.D., Ph.D.
4:13-4:20 p.m.	Video: PCL Reconstruction: Avoiding Hazards	Thomas M. DeBerardino, M.D.
4:20-4:28 p.m.	Tips for Staying Out of Trouble in Multiple Ligament (Dislocated) Knee Surgery	Gregory C. Fanelli, M.D.
4:28-4:45 p.m.	Knee Abstract Presentations	Moderators: Jacqueline M. Brady, M.D., Robert E. Hunter, M.D.
4:28-4:33 p.m.	Postoperative Stiffness Following Multiligamentous Knee Injury Surgery Is Not Affected by Obesity	Andrew S. Bi, M.D.
4:33-4:38 p.m.	Outcomes After Quadriceps Tendon Repair: Transosseous Tunnel vs. Suture Anchor Techniques	Nicholas A. Trasolini, M.D.
4:38-4:45 p.m.	Q&A	Moderators: Jacqueline M. Brady, M.D., Robert E. Hunter, M.D.

4:45-5 p.m. Transition Break

5-6:15 p.m. Instructional Course Lectures (ICLs)

ICL 221 *Beyond Femoroacetabular Impingement: Treatable “Not to Miss” Conditions*

Dean K. Matsuda, M.D., J. W. Thomas Byrd, M.D., Anil S. Ranawat, M.D., William C. Meyers, MD

ICL 222 *Controversies in the Use of Grafts and Patches in Rotator Cuff Surgery: Augmentation, Interposition, Reinforcement, Superior Capsular Reconstruction and Bio-Inductive Scaffolds*

Jeffrey S. Abrams, M.D., Michael B. Banffy, M.D., Jovan Laskovski, M.D., FAANA, Robert U. Hartzler, M.D., M.S.

ICL 223 *Foot and Ankle Arthroscopy: Latest and Emerging Techniques by the Leaders!*

Alastair S. Younger, M.D., F.R.C.S.C., James W. Stone, M.D., FAANA, Richard D. Ferkel, M.D., Mark A. Glazebrook, M.D., Ph.D., FRCSC, Peter G. Mangone, M.D., Phinit Phisitkul, M.D., Andrea N. Veljkovic, M.D.

ICL 224 *Optimizing ACL Reconstruction in 2022: A Case-Based Approach*

Mary K. Mulcahey, M.D., FAANA, Cassandra A. Lee, M.D., Clayton W. Nuelle, M.D., FAANA, John W. Xerogeanes, M.D.

5:30-7:30 p.m. Education Foundation Wine Event, Press Club

6:30-8 p.m. Open for Alumni Events

SATURDAY, MAY 21

7 a.m. Breakfast in Exhibit Hall

7-8:15 a.m. Instructional Course Lectures (ICLs)

ICL 301 *Advanced Concepts in Patellofemoral Surgery*

David R. Diduch, M.D., Elizabeth A. Arendt, M.D., Jacqueline M. Brady, M.D., Andrew J. Cosgarea, M.D., Sabrina M. Strickland, M.D.

ICL 302 *Meniscus Repair and Replacement: New Techniques, Indications and Biologic Augmentations*

Thomas R. Carter, M.D., Thomas M. DeBerardino, M.D., Catherine C. Robertson, M.D., Scott A. Rodeo, M.D.

ICL 303 *Treating the Younger Degenerative Knee from Osteotomy to Arthroplasty*

Michael R. Karns, M.D., William D. Bugbee, M.D., Andreas H. Gomoll, M.D., Travis G. Maak, M.D., Seth L. Sherman, M.D., Eric J. Strauss, M.D.

ICL 304 *Treatment Innovations for Massive and Irreparable Rotator Cuff Tears*

Peter S. Vezeridis, M.D., Joseph A. Abboud, M.D., Bassem El Hassan, M.D., Frank A. Petrigliano, M.D., Felix H. Savoie III, M.D.

8:15-8:30 a.m. Transition Break

GENERAL SESSION – (Main Stage)

8:30-9:45 a.m.

Title: AANA/SOMOS Collaborative Symposium: Glenoid Bone Restoration in Our Athletes and Soldiers

Moderators: Jonathan F. Dickens, M.D., L.T.C., M.C., Richard K.N. Ryu, M.D.

Time	Talk Title	Faculty
8:30-8:31 a.m.	Introduction	Moderators: Jonathan F. Dickens, M.D., L.T.C., M.C., Richard K.N. Ryu, M.D.
8:31-8:39 a.m.	Video Lecture: My Tricks to a Reproducible Open Latarjet	Stephen A. Parada, M.D.
8:39-8:46 a.m.	Latarjet Dilemmas: Intraoperative and Postoperative Management of Complications	Mark A. Mighell, M.D.
8:46-8:53 a.m.	Doc, So I May Not Dislocate, But Can I Throw and Play Tennis Following My Latarjet?	Brian R. Waterman, M.D., FAANA
8:53-9:19 a.m.	Arthroscopic Bone Solutions for Shoulder Instability: Is the Future Now?	
8:53-9 a.m.	Anterior Options	Ivan H. Wong, M.D., FAANA
9-9:07 a.m.	Posterior Options	Jonathan F. Dickens, M.D., L.T.C., M.C.

9:07-9:14 a.m.	Restoring Bone Loss: Where I've Been and What I'm Doing Now	John M. Tokish, M.D., FAANA
9:14-9:19 a.m.	Q&A	Moderators: Jonathan F. Dickens, M.D., L.T.C., M.C., Richard K.N. Ryu, M.D.
9:19-9:20 a.m.	Introduction of Guest Speaker	Jonathan F. Dickens, M.D., L.T.C., M.C.
9:20-9:45 a.m.	Military Guest Lecture: Building High Performance Teams	Rear Admiral Bruce Gillingham, Medical Corps

9:45-10:15 a.m. Break in Exhibit Hall

GENERAL SESSION – (Main Stage)

10:15-11:15 a.m.

Title: Essentials 2022: Clinical Pearls Not to Be Missed

Moderators: James H. Lubowitz, M.D., John M. Tokish, M.D., FAANA

Time	Talk Title	Faculty
10:15-10:16 a.m.	Recent Essentials From <i>Arthroscopy</i> Journal: Must-Reads You May Have Missed	Moderator: James H. Lubowitz, M.D.
10:16-10:21 a.m.	Shoulder Must-Reads	Katherine A. Burns, M.D.
10:21-10:26 a.m.	Knee Must-Reads	Clayton W. Nuelle, M.D., FAANA
10:26-10:31 a.m.	Hip Must-Reads	Andrea M. Spiker, M.D.
10:31-10:48 a.m.	Case Panel: Personal Essentials Yet to Be Published: Clinical Pearls You Won't Find in the Literature	Moderator: John M. Tokish, M.D., FAANA Panel: Larry D. Field, M.D., FAANA, Jason L. Drago, M.D., Jeffrey S. Abrams, M.D., Felix H. Savoie III, M.D., Nicholas A. Sgaglione, M.D., Alan S. Curtis, M.D., FAANA
10:48-11:12 a.m.	Essential Disasters Never to Be Published: Complications You Should Learn From Us, Not on Your Own!	Moderator: James H. Lubowitz, M.D. Panel: Richard K.N. Ryu, M.D., John D. Kelly IV, M.D., FAANA, John C. Richmond, M.D., Robert E. Hunter M.D., Stephen J. Snyder, M.D.
11:12-11:15 a.m.	Q&A	Moderators: James H. Lubowitz, M.D., John M. Tokish, M.D., FAANA

GENERAL SESSION – (MAIN STAGE)

11:15 a.m.-12:30 p.m.

Title: AANA Presidential Address and Awards

Time	Talk Title	Faculty
11:15- 11:20 a.m.	Introduction	James W. Stone, M.D., FAANA
11:20 a.m.-11:55 a.m.	Presidential Address	Mark H. Getelman, M.D., FAANA
11:55 a.m.-12:25 p.m.	Award Presentations: <ul style="list-style-type: none"> • <i>Stephen J. Snyder, M.D. Teaching Award</i> 	

	<ul style="list-style-type: none"> • <i>Research Awards</i> • <i>Traveling Fellows Godfather Award</i> 	
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12:30-1:30 p.m. Arthroscopy Journal Review Course

12:30-1:30 p.m. Lunch Break

12:30-1:30 p.m. Board of Directors Lunch

12:30-1:30 p.m. Industry Lunch Presentations

1:30-3 p.m. An Afternoon Stroll Through Time and Napa Valley, Patrick St. Pierre, M.D.

SESSION – CONCURRENT IV-A (Main Stage)

1:30-3 p.m.

Title: Our Bad Days: Prevention and Management of Complications in Knee and Shoulder Surgery

Moderators: Rachel M. Frank, M.D., Frank A. Cordasco, M.D.

Time	Talk Title	Faculty
1:30-1:38 p.m.	Managing Intraoperative ACL Conundrums and Quandaries	Patrick Shu-Hang Yung, M.D.
1:38-1:44 p.m.	Prevention, Diagnosis and Treatment of the Infected ACL	Armando F. Vidal, M.D.
1:44-1:50 p.m.	Avoiding and Managing Arthrofibrosis of the Knee	Michael A. Zacchilli, M.D.
1:50-1:56 p.m.	“Osteotomy Stress:” Prevention and Management of Intraoperative Complications	Mark A. Heard, M.D.
1:56-2:14 p.m.	Complications Abstract Presentations	Moderators: Rachel M. Frank, M.D., Frank A. Cordasco, M.D.
1:56-2:01 p.m.	Operative Treatment of Acromioclavicular Injuries in the Military: Trends and Complications	Kelly G. Kilcoyne, M.D.
2:01-2:06 p.m.	Disparities in the Surgical Management of Shoulder Instability After Emergency Room Presentation	Jacob M. Modest, M.D.
2:06-2:11 p.m.	BMI and Fracture Pattern as Predictors of Postoperative Complications in Midshaft Clavicle Fractures	Shaquille Josue-Coicou Charles, M.Sc.
2:11-2:14 p.m.	Q&A	Moderators: Rachel M. Frank, M.D., Frank A. Cordasco, M.D.
2:14-2:21 p.m.	Salvaging Implant Related Problems in Arthroscopic Shoulder Surgery	Anthony A. Romeo, M.D.
2:21-2:27 p.m.	The Painful Stiff Postoperative Rotator Cuff Repair: My Approach	Robert U. Hartzler, M.D., M.S.
2:27-2:34 p.m.	AC Joint Catastrophes – Prevention and Salvage	Mark A. Mighell MD
2:34-2:58 p.m.	Case Panel: So Tell Me How You Would Get Out of This? Rapid-Fire Case Dilemmas	Moderators: Rachel M. Frank, M.D., Frank A. Cordasco, M.D.

		Panel: Patrick Shu-Hang Yung, M.D., Armando F. Vidal, M.D., Mark A. Heard, M.D., Mark A. Mighell, M.D., Anthony A. Romeo M.D., Robert U. Hartzler, M.D., M.S., Michael A. Zacchilli, M.D.
2:58-3 p.m.	Q&A	Moderators: Rachel M. Frank, M.D., Frank A. Cordasco, M.D.

SESSION – CONCURRENT IV-B

1:30-3 p.m.

Title: Patellofemoral Joint Update

Moderators: James R. Bailey, M.D., Miho J. Tanaka, M.D., M.A.

Time	Talk Title	Faculty
1:30-1:37 p.m.	Radiographic Evaluation of Patellofemoral Problems: All You Need to Know	Jacqueline M. Brady, M.D.
1:37-1:44 p.m.	Video Lecture: Current Management of a First-Time Patella Dislocation: Risk Stratification	Sabrina M. Strickland, M.D.
1:44-1:51 p.m.	Acceptable Variations in MPFL Surgical Techniques: Where I've Landed	Miho J. Tanaka, M.D., M.A.
1:51-1:59 p.m.	My Current Patella Instability Algorithm: When to Do What	David R. Diduch, M.D.
1:59-2:06 p.m.	Managing Patellofemoral Defects and Chondrosis in Young Patients	Seth L. Sherman, M.D.
2:06-2:30 p.m.	Panel: Controversies in Patellofemoral Surgery – Where Do You Stand?	Moderators: Seth L. Sherman, M.D., Sabrina M. Strickland, M.D., Panel: Miho J. Tanaka, M.D., M.A., David R. Diduch, M.D., James R. Bailey, M.D., Jacqueline M. Brady, M.D., Elizabeth A. Arendt M.D., Kyung Wook Nha, M.D.
2:30-3 p.m.	Patellofemoral Abstract Presentations	Moderators: Elizabeth A. Arendt M.D. James R. Bailey, M.D.
2:30-2:35 p.m.	Tranexamic Acid Has No Effect on Postoperative Hemarthrosis or Pain After Tibial Tubercle Osteotomy	Anna M. Blaeser, B.S.
2:35-2:40 p.m.	Outcomes for Medial Patellofemoral Ligament Reconstruction with Concomitant Tibial Tubercle Osteotomy for Failed Patellar Stabilization versus Primary Medial Patellofemoral Ligament Reconstruction with Concomitant Tibial Tubercle Osteotomy	Elizabeth R. Dennis, M.D., M.S.
2:40-2:45 p.m.	Comparison of Isometric Properties Between the Medial Patellofemoral Complex Fibers	Miho J. Tanaka, M.D., M.A.
2:45-2:50 p.m.	The Impact of Cartilage Status on Outcomes of Isolated Medial Patellofemoral Ligament Reconstruction	Robert A. Magnussen, M.D., M.P.H.
2:50-2:55 p.m.	Factors Affecting the Tibial Tubercle to Trochlear Groove Distance in Patellar Instability Patients	Mario Hevesi, M.D., Ph.D.

2:55-3 p.m.	Q&A	Moderators: Elizabeth A Arendt M.D., James R. Bailey, M.D.
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SESSION – CONCURRENT IV-C

1:30-3 p.m.

Title: Responsible Orthobiologics and Basic Science: Current Applications and Evidence

Moderators: Jason L. Dragoo, M.D., Joanne Halbrecht, M.D.

Time	Talk Title	Faculty
1:30-1:48 p.m.	Orthobiologics Abstract Presentations	Moderators: Jason L. Dragoo, M.D., Joanne Halbrecht, M.D.
1:30-1:35 p.m.	No Increase in Postoperative Instability in Patients on NSAIDs After Bankart Repair at 24- Months	Eoghan T. Hurley, M.B., B.S.Ch., MC.h.
1:35-1:40 p.m.	The Effect of Platelet-Rich Plasma Therapy on Rate and Timing of Meniscectomy	Elyse J. Berlinberg, B.S.
1:40-1:45 p.m.	Synovial Fluid Biomarkers and Osteoarthritis in Anterior Cruciate Ligament-Reconstructed Patients	Eoghan T. Hurley, M.B., B.S.Ch., MC.h.
1:45-1:48 p.m.	Q&A	Moderators: Jason L. Dragoo, M.D., Joanne Halbrecht, M.D.
1:48- 1:55 p.m.	Staying Out of Trouble With the FDA: What You Can Do and Say	Scott Bruder, M.D., Ph.D.
1:55 p.m.	Debate: Best Injection for Osteoarthritis Symptoms? Old School vs. New School	Moderator: Joanne Halbrecht, M.D.
1:55-2:01 p.m.	Old School: Just Can't Beat It (Visco/CS/Delayed-Release CS)	John C. Richmond, M.D.
2:01-2:07 p.m.	New School: Keep Up With Us (PRP/Cell Therapy)	C. Thomas Vangsness Jr., M.D.
2:07-2:14 p.m.	Tendinopathy and Muscle Injuries – Current Role of Biologic Injections	Jason L. Dragoo, M.D.
2:14-2:21 p.m.	Do Biologics Enhance Our Rotator Cuff Healing Rates Enough to Use Routinely?	Mario Hevesi, M.D., Ph.D.
2:21-2:28 p.m.	Rotator Cuff Patches and Scaffolds: When Do They Make Sense?	Scott A. Rodeo, M.D.
2:28-2:35 p.m.	Injecting Bone Marrow Lesions (BMLs): When, What and Does it Work?	Bert R. Mandelbaum, M.D.
2:35-2:43 p.m.	The Business and Practical Utilization of Orthobiologics in Your Practice	Don A. Buford, M.D., FAANA
2:43-2:50 p.m.	Data Collection in Private Practice: The Least Onerous Options in 2022	Adam B. Yanke, M.D., Ph.D.
2:50-3 p.m.	Q&A	Moderators: Jason L. Dragoo, M.D., Joanne Halbrecht, M.D.

3-3:15 p.m. Transition Break

SESSION – (Main Stage)

3:15-3:30 p.m.

Title: Leadership Transition

Time	Talk Title	Faculty
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3:15-3:20 p.m.	Announcement of Slate	Mark H. Getelman, M.D., FAANA
3:20-3:25 p.m.	Passing of the Gavel	Mark H. Getelman, M.D., FAANA
3:25-3:30 p.m.	Gavel Acceptance	James W. Stone, M.D., FAANA

GENERAL SESSION – (Main Stage)

3:30-5 p.m.

Title: The Aging Athlete: Treating Degenerative Joints in the Weekend Warrior

Moderators: Laura A. Alberton, M.D., Kevin D. Plancher, M.D., M.P.H.

Time	Talk Title	Faculty
3:30-3:37 p.m.	OA Injection Options: What I'm Doing Now and Why	Mario Hevesi, M.D., Ph.D.
3:37-3:44 p.m.	Degenerative Meniscus Tear/Moderate Arthrosis-Failed Nonoperative: Decision-Making and Managing Expectations	Anil S. Ranawat, M.D.
3:44 p.m.	Debate: 44-Year-Old Active Physician-Bone-on-Bone Medially	Moderator: Laura A. Alberton, M.D.
3:44-3:50 p.m.	Pro: Osteotomy Still Best Despite Our Hesitation	Kristofer J. Jones, M.D.
3:50-3:56 p.m.	Pro: Uni is Lower Risk With Higher Satisfaction	Kevin D. Plancher, M.D., M.P.H.
3:56-4:03 p.m.	Degenerative Shoulder With RC/Biceps Pathology: Scope vs. Arthroplasty in the "Tweeners" – My Decision-Making	Felix H. Savoie III, M.D.
4:03-4:09 p.m.	Evidence and Recommendations on Tranexamic Acid (TXA) in Arthroscopic-Related Surgery	Michael J. Alaia, M.D.
4:09-4:15 p.m.	Arthroscopic Management of the Young Degenerative Hip-Realistic Results.	J.W. Thomas Byrd, M.D.
4:15-4:39 p.m.	Aging Athlete Abstract Presentations	Moderators: Laura A. Alberton, M.D., Mark A. Mighell M.D.
4:15-4:20 p.m.	Impact of Concurrent Chondroplasty with Meniscectomy on Rate of TKA in a Matched Cohort	Brian Forsythe, M.D.
4:20-4:25 p.m.	Arthroscopy Before Shoulder Arthroplasty Associated with Higher Risk of Prosthetic Joint Infection	Brett D. Meeks, M.D.
4:25-4:30 p.m.	Clinical Outcomes of Rotator Cuff Repairs in Patients With Concomitant Glenohumeral Osteoarthritis	Rajiv P. Reddy, B.S.
4:30-4:35 p.m.	Increasing Shoulder Osteoarthritis Severity Score Predicts Lower Patient-Reported Outcomes Measurement Information System-Upper Extremity (PROMIS-UE) Score After Cuff Repair	Michael Davies, M.D.
4:35-4:39 p.m.	Q&A	Moderators: Laura A. Alberton, M.D., Mark A. Mighell M.D.
4:39-4:40 p.m.	Beyond Arthroscopy: Results, Satisfaction and Return to Sport Recommendations Following Arthroplasty in Younger Weekend Warriors	Moderators: Laura A. Alberton, M.D., Kevin D. Plancher, M.D., M.P.H.
4:40-4:46 p.m.	Anatomic vs. Reverse Shoulder Arthroplasty	Xavier A. Duralde, M.D.

4:46-4:52 p.m.	Knee and Hip Arthroplasty	Danyal H. Nawabi, M.D.
4:52-4:55 p.m.	Q&A	Moderators: Laura A. Alberton, M.D., Kevin D. Plancher, M.D., M.P.H.
4:55-5 p.m. Adjourn		

7-11 p.m. President's Party