

sportsmedicine

JULY/AUGUST 2014

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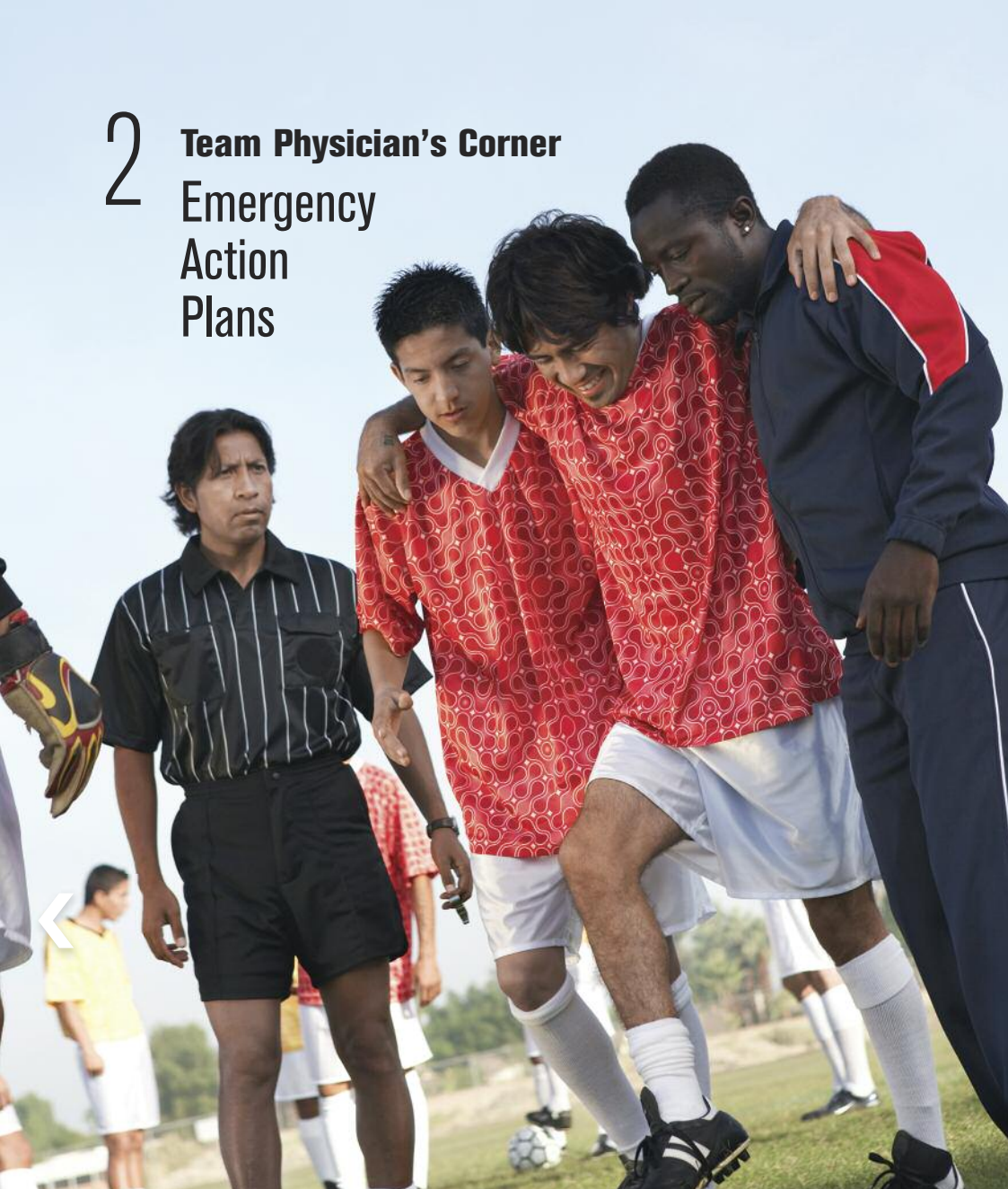
EMERGENCY ACTION PLANS



AOSSM

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2 Team Physician's Corner Emergency Action Plans



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SPORTS MEDICINE UPDATE is a bimonthly publication of the American Orthopaedic Society for Sports Medicine (AOSSM). The American Orthopaedic Society for Sports Medicine—a world leader in sports medicine education, research, communication, and fellowship—is a national organization of orthopaedic sports medicine specialists, including national and international sports medicine leaders. AOSSM works closely with many other sports medicine specialists and clinicians, including family physicians, emergency physicians, pediatricians, athletic trainers, and physical therapists, to improve the identification, prevention, treatment, and rehabilitation of sports injuries.

This newsletter is also available on the Society's Website at www.sportsmed.org.

TO CONTACT THE SOCIETY: American Orthopaedic Society for Sports Medicine, 6300 North River Road, Suite 500, Rosemont, IL 60018, Phone: 847/292-4900, Fax: 847/292-4905.



FROM THE PRESIDENT



When I learned that I had been selected as the 43rd AOSSM President, along with the feeling of great anticipation and excitement, there was a voice in the background uttering, “don’t mess this up.” As many before me have stated, it is a great

privilege to assume this role as your president. I can guarantee that along with the phenomenal staff we have at the AOSSM office, led by Executive Director Irv Bomberger, we will continue to improve and strive to be the leaders in orthopaedic education, research, and clinical care. I have been fortunate to witness and learn from many great leaders throughout the past 20 years and each one has left an indelible imprint on me.

This past year my dear colleague and friend, Jo Hannafin, MD, PhD, has served as our president and indeed these are tough shoes to fill. I have known Jo since 1991 when she was a fellow under two past presidents, Russ Warren, MD, and Tom Wickiewicz, MD, and I was just assuming the fellowship director role at West Point. I had also just returned from the Persian Gulf War and spending time at the Hospital for Special Surgery to be sure that I was teaching our fellows the very best way to manage the injured athlete. Jo has always impressed me with her keen sense of organization, wisdom, vision, and most importantly integrity. She has served our society in an exemplary fashion and I want to personally thank her for her leadership. It is my great fortune that she will remain on our Board as a source for continued guidance. On behalf of the Society, I want to acknowledge her outstanding contributions and express gratitude for her tireless work and devotion. Her leadership as an educator and researcher was never more evident than in Seattle, where along with Program Chair, Beth Shubin-Stein, MD, she established a new standard for the Annual Meeting. The meeting featured a third concurrent session, numerous symposia, instructional course lectures and surgical skills spotlights.

This year promises to be another exciting one. We will move into our new orthopaedic headquarters in Rosemont in December. With our partners, AAOS, AANA, AAHKS, and many other societies we will make this state-of-the-art building our new home and create the prime venue for partnership and collaboration to enhance orthopaedic education and ultimately patient care. The Orthopaedic Learning Center will be an unparalleled facility for surgical skills development and will offer incredible flexibility and technology to meet the demands of our members. AOSSM

is uniquely positioned as a partner in this endeavor and our members will benefit for many years to come.

As we move into our new building, I predict there will be additional opportunities for education, research, etc. and I want to encourage our membership to volunteer and get involved. As I sat at our last board meeting, I was impressed with the number of young members under the age of 40 who were volunteering. I was tremendously encouraged by this display of energy despite the many changes and challenges that exist for all of us. I can assure you that all of us on the Board are committed to utilizing the talents of anyone who is interested and willing.

There are challenges that lay before us. The first is the ACGME policy on fellowship accreditation. I want to assure members that the Board is committed to evaluating every possibility and pathway to ensure the continued success of all our outstanding fellowships. We will seek mechanisms that will facilitate accreditation and still meet the new criteria established by the ACGME.

The second item is the consensus statement for team physicians. In concert with the NATA, this document will establish definitively our role as it relates to the head athletic trainer and each athletic department/administration. Decisions for management and health care will reside with the physician to optimize care of injured athletes but ensure the continued superb relationship many of us have with our head athletic trainers.

As I begin this year, I want to thank up front my fellow members of the Board and all the committees, especially the chairs who are listed in this issue of *SMU*. I want to also mention my Program Chair for the 2015 meetings, Gus Mazzocca, MD, who has already worked many hours on this upcoming Specialty Day and Annual Meeting. Further, the AOSSM staff led by Irv and Camille Petrick deserve special recognition for without them we would lack organization and direction to accomplish our goals as a Society. Lastly, I want to acknowledge our corporate sponsors for their generous sponsorship of the vast educational and research programs which make our Society so successful.

With your help, I am confident we'll have another outstanding year. Thank you for this honor to serve you as your president.

Bob Arciero, MD



EMERGENCY ACTION PLANS

ROBERT GRAY, ATC
Cleveland Clinic

Emergency situations can occur at any time during an athletic event. When this situation arises, the medical team must be able to implement their “Emergency Action Plan” (EAP) to ensure the best possible care for the injured athlete. There are six key components of the Emergency Action Plan.

1. Emergency Personnel/Team

The first responder to an emergency situation is usually a member of the sports medicine staff, most commonly a certified athletic trainer. However, a first responder may be a coach or another member of the school. Certification in CPR, first aid, prevention of disease transmission, and automated external defibrillator (AED) use is required for all athletic personnel associated with practices, competition, skill instruction, and strength and conditioning.



The emergency team may consist of physicians, EMTs, ATs, PTs, athletic training students, coaches, and possibly bystanders. The specific roles of these individuals may vary depending on many factors but the four basic roles within the emergency team are:

- Establish scene safety and immediate care of the athlete
- Activation of the Emergency Medical System (EMS)
- Emergency equipment retrieval
- Direction of EMS to the scene.

The formation of an emergency team and implementation of specific roles are extremely important. Members of the team should be cross-trained in multiple roles in the case certain members are not present during a given situation.

2. Emergency Communication

Communication is the key to a quick and efficient emergency response. There should be a pre-established “phone tree” to ensure that all parties are notified. Access to a working phone line or other device should be assured. A back-up plan should also be in place in case the primary communication system fails. At every athletic venue, both home and away, it is imperative to know the location of a working telephone.

3. Emergency Equipment

All necessary emergency equipment should be at the site and quickly accessible. All personnel should have first-hand knowledge on how to operate each piece of emergency equipment and the equipment must be in good working condition. All equipment must be checked on a regular basis and used in an emergency rehearsal drill by all participating personnel. It is highly recommended that an equipment inspection log be created to make sure that the equipment is in proper running order and maintenance is performed regularly. Every effort should be made to ensure that the emergency equipment is stored in a clean, dry, and environmentally controlled area



ACTIVATING THE EMS SYSTEM

Making the Call

- 911 (if available)
- Telephone numbers for local police, fire department, and ambulance services

Providing Information

- Name, address, telephone number of caller
- Nature of emergency, whether medical or non-medical
- Number of athletes
- Condition of athlete(s)
- First-aid treatment initiated by first responder
- Specific directions as needed to locate the emergency scene (e.g., ATCs Enter through the NORTH GATE)
- Other information as requested by dispatcher.

and is readily available when an emergency situation arises. This type of equipment could include: spine boards with straps, AEDs, AED batteries, splinting equipment, helmet removal equipment and their batteries, etc.

Everyone should take note of the closest AED to their practice and game locations.

4. Medical Emergency Transportation

There should be a major emphasis on having an ambulance on-site at all high risk sporting events. These events include football, gymnastics, track and field, etc. When an ambulance is on-site, there should be a designated location with quick access to the playing field and a clear route in both entering and exiting the athletic venue. At events where the ambulance is not on-site, the sports medicine team

should know the response time if an ambulance is needed and the distance to the nearest hospital or medical facility from the specific athletic venue.

Any emergency situation where there is a loss of consciousness (LOC), airway, breathing, circulation (A-B-C), or neurovascular compromise, the EAP should be considered a “load and go” situation with a special emphasis placed on rapid evaluation, treatment, and proper transportation.

5. Venue Directions with Map

Each venue should have a detailed map with all access roads leading to and from the venue, entrance into the venue, and the most direct route to the nearest medical facility. Along with the map, there should be a list of the emergency communication lines and emergency equipment available at that specific athletic venue.

6. Emergency Action Plan Checklist for Non-Medical Emergencies

These emergencies consist of fire, bomb threats, severe weather, and violent or criminal behavior. The athletic department should be in communication with their local municipalities to assist with both the development and implementation of these plans.

Conclusion

The importance of being properly prepared for any emergency at an athletic event cannot be stressed enough. An athlete's survival may hinge on the training and preparation of the sports medicine team and school administrators. It is prudent that all personnel—school administration and the school's sports medicine team—review the EAP on an annual basis with their local response departments. The development and implementation of the Emergency Action Plan will help ensure that all athletes will receive the best care provided when an emergency situation arises.

TEAM PHYSICIAN XS & OS

The Team Approach to Caring for the Baseball Player

RONAK M. PATEL, MD

MARK S. SCHICKENDANTZ, MD

Head Team Physician for the Cleveland Indians

Submit Your Sports Medicine Xs and Os for the AOSSM Team Physician Bag

Sports Medicine Update will be having a regular column on tools and tips for the team physician. Please submit your pearls of wisdom for us to include to: Lisa Weisenberger at lisa@aoosm.org. Items can be clinical, rehabilitative, or on-field strategies for success.

It takes a team to take care of a team. The team physician must be ready for any in-game problem and have resources available to handle all medical issues. The athletic trainer and primary care sports medicine physician directly compliment the orthopaedic surgeon. Furthermore, in the off-season, you must identify and confirm “go to” consultants for each subspecialty. These consultants must be as responsive and available as you are. You must be able to recognize the limits of your expertise and trust their judgment.

Specifically in baseball, a thorough preseason exam is necessary to identify modifiable injury risk factors (e.g., GIRD, scapular dyskinesia, cuff imbalance, etc). Athletes with and without such issues should be entered into a rehabilitation program. The team physician should establish maintenance rehabilitation/

physical therapy programs with the athletic trainers as well as strength and conditioning coaches and massage therapists. These problems are common and a well-detailed protocol can provide more effective and efficient care to the athlete, and potentially earlier return to play.

Remember, in baseball, we manage problems more often than solve them. Every change on a radiograph or MRI cannot be chased—it’s important to understand the difference between adaptive and pathological physical exam and imaging findings. This should be kept in mind when conveying medical news to the athlete, who may understand “changes” in the labrum different from a “tear” in the labrum. Appreciating the psyche of an athlete will ultimately allow for better communication and care.

Make Sports Safety a Summer Priority



Are you seeing injuries from young athletes participating in summer sports leagues or practices? Be sure to let them know about www.STOPSportsInjuries.org as a source of injury prevention tips and materials. Share the link below with your patients, and they can sign-up to receive our quarterly sports safety mailing *In the Game*.

<http://bit.ly/S6H1SP>



Welcome to Our New Collaborating Organizations!

Thank you to the newest STOP Sports Injuries collaborating organizations for their commitment to keeping young athletes safe. Interested in having your practice or institution listed in the next SMU? Head over to www.STOPSportsInjuries.org and click "Join Our Team" to submit an application!

Child Safety Organizations

Texas Sports Safety
Rockwall, Texas

Medical Institutions

LASMI (Latin American Sports Medicine Institute)
Barquisimeto

Chiropractic Sports Medicine, Fort Wayne
Fort Wayne, Indiana

Dayton Childrens Sports Medicine and Orthopaedics
Dayton, Ohio

Sports Medicine Practices

Axiom Physical Therapy & Occupational Therapy
Tuckahoe, New York

TheMIS Orthopaedic Center
Kalamaria, Thessaloniki

Beacon Orthopedics and Sports Medicine
Cincinnati, Ohio

RACE
St. Louis, Missouri

Idaho Sports Medicine Institute
Boise, Idaho

Cornerstone Rehabilitation
Hernando, Mississippi

Vereen Rehabilitation Center
Moultrie, Georgia

Kessler Institute
Park Ridge, New Jersey

Pittsburgh Pirates Baseball Club
Pittsburgh, Pennsylvania

Louisiana Orthopaedic Specialists, LLC
Lafayette, Louisiana

Beyzadeoglu Sports Medicine Clinic
Istanbul

UBMD Orthopaedics and Sports Medicine (AOSSM)
Orchard Park, New York

Advanced Orthopedics
Hollywood, Florida

Sports and Recreation Organizations

Pulse Performance Ltd.
St. James, Trinidad and Tobago

Athletic Republic Coconut Creek
Coconut Creek, Florida

Non-Fiction Fitness and Performance
Shoreline, Washington

Betterbody4U JiuJitsu and Fitness Studio
Philadelphia, Pennsylvania

Maximum Performance Yoga
Emeryville, California

Plattsburgh Little League
Plattsburgh, New York

Perth Youth Commission
Amsterdam, New York

Advanced Fitness Solutions
Kennewick, Washington

STOP Sports Injuries thanks the following companies for their continued support:



NEWS TO KNOW

AOSSM Dues Notices Sent

Dues notices were sent via e-mail August 1. Members have 30 days to pay. If you do not pay within a 120 days, your benefits will be suspended. Anyone owing more than one year's dues will be terminated from membership and have to reapply to become a member again. Questions, please contact Debbie Czech, Membership Manager, at Debbie@aossm.org.

Help New Patients Find You—Update Your AOSSM Profile

Be sure to update your demographic information and areas of expertise by logging into My AOSSM and going to the “Edit My Profile” link. The public will be able to more easily search for and see appropriate doctors on our “Find A Doctor” listing.

Got News We Could Use?

Have you received a prestigious award recently? A new academic appointment? Been named a team physician? We want to know! *Sports Medicine Update* welcomes all members' news items. Send information to Lisa Weisenberger, AOSSM Director of Communications, at lisa@aossm.org, fax to 847/292-4905, or contact the Society office at 847/292-4900. High resolution (300 dpi) photos are always welcomed.

Tell Us What You Do

In 2014, *Sports Medicine Update* will have a member spotlight column to highlight the various activities, teams and work our members do every day in their local communities and institutions. Whether you've been practicing sports medicine for 40 years or just five, or know someone who is performing some amazing feats caring for athletes of all levels and ages, we'd love to hear about it! Please forward your story or your colleague's to Lisa Weisenberger at lisa@aossm.org.

MEMBER RESOURCES

Stay Connected to Your Patients All Year



Give your patients a personalized, quarterly, *In Motion* e-newsletter to provide the best and most accurate information on injury:

- Prevention
- Treatment
- Rehabilitation

Contact Lisa Weisenberger at lisa@aossm.org for more information and details.

Self Assessment Exams Available

Prepare yourself for the upcoming subspecialty certification exam with AOSSM's four Self Assessment examinations (2011, 2012, 2013, and 2014) available online. Each question contains commentary and references to support your learning. You can also earn 12 *AMA PRA Category 1*TM credits and it counts toward your ABOS MOC Part 2 requirement for a scored-and-recorded self-assessment exam (SAE). To purchase, visit www.sportsmed.org/Education/Online_CME/Self-Assessment.

AOSSM 2015 Annual Meeting Abstract and/or Instructional Course Proposal Submission Deadlines Approaching

Instructional Course Deadline
September 29, 2014 (Noon) CST

Abstract Submission Deadline
November 3, 2014 (Noon) CST

Visit www.sportsmed.org for complete details. Abstracts and IC proposals only accepted via the website.

Come Tweet With Us

Jump into the conversation on youth sports injury prevention with our monthly #SportsSafety tweet chat, held the second Wednesday of the month at 9 PM ET/8 PM CT.

AOSSM, AJSM, *Sports Health*, and OJSM are also all on social media. Learn about the latest news and articles and stay up to date on Society happenings and deadlines.



Facebook

www.facebook.com/American-Journal-of-Sports-Medicine
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www.facebook.com/STOPSportsInjuries
www.facebook.com/TheOJSM



Twitter

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www.Twitter.com/Sports_Health
www.Twitter.com/SportsSafety
www.Twitter.com/AJSM_SportsMed



IN MEMORIAM

Traveling Fellow Designate, Warren Kadrmas, MD, Passes Away



AOSSM Member and Traveling Fellow designate, Warren R. Kadrmas, MD, Col(s), USAF, MC, passed away in a tragic car accident on May 8, 2014, in San Antonio, Texas. He is survived by his four children Melanie, John Michael, Derek, and Kate; parents, Wayne and Shirley Kadrmas; and brother, Michael Kadrmas, MD.

Dr. Kadrmas graduated with distinction from both the US Air Force Academy in 1992 and Duke University School of Medicine in 1996. He was recognized as the outstanding resident graduate upon completion of his orthopaedic surgery residency at the Hospital for Special Surgery in 2003. He began his Air Force orthopaedic career at Wilford Hall Medical Center before returning to HSS where he excelled in sports medicine subspecialty training. He returned to San Antonio as an invaluable asset to military orthopaedic surgery serving as a mentor, educator, and leader for all of Air Force orthopaedics.

The Warren Kadrmas Memorial Trust has been established to provide financial support for the education and development of his children. (See details to the right.)

Contributions to the Warren Kadrmas Memorial Trust can be made by:

- Check to:
The Warren Kadrmas Memorial Trust
c/o JP Morgan Chase Bank, N.A.
1191 3rd Avenue
New York, NY 10021
- Paypal at the Facebook page
designed for this purpose:
<https://www.facebook.com/pages/The-Warren-Kadrmas-Memorial-Trust/290326841133366>

NAMES IN THE NEWS

AOSSM President Honored with Lifetime Achievement Award



The Hospital for Special Surgery in New York City recently honored Past AOSSM President **Jo A. Hannafin, MD, PhD**,

Director of Orthopedic Research at HSS, with its Lifetime Achievement Award at its Annual Tribute Dinner. The event, which hosted more than 1,000 guests, raised \$3.6 million for education, research, and patient care at HSS.

Axe Given Honorary APTA Membership

Congratulations to AOSSM member, **Michael J. Axe, MD**, of First State Orthopedics and University of Delaware Physical Therapy, for receiving an honorary membership to the American Physical Therapy Association. Dr. Axe

joins a very exclusive group of only 41 individuals since 1936. Eighteen physicians have been awarded honorary membership, including polio scientists Drs. Sabin and Salk, JFK's physician Dr. Janet Travell, A.I. du Pont Children's Hospital's Albert Shands, Jr., and female orthopaedic pioneer, Dr. Jacqueline Perry.

Feagin Inducted into Army Sports Hall of Fame

Past President and AOSSM Founding Member **John Feagin** will be inducted into the Army Sports Hall of Fame this fall. A 10-member selection committee, representing athletic administrators, academic administrators, former West Point athletes, graduates, and representatives from the Association of Graduates, began the process of developing a workable list

from the thousands of athletes, coaches, and administrators that have represented the Academy on the "fields of friendly strife." Only individuals who graduated from or coached at the Academy and those five years removed from their playing and coaching days are eligible.

Brown Given Honor

Congratulations to Past President and former Medical Publishing Board of Trustees Chair, **Doug Brown, MD**, who was recently inducted into the Phillips Academy Athletics Hall of Honor in Andover, Massachusetts. Members of the Athletics Hall of Honor are recognized for accomplishments in athletics and for the exceptional ways in which they each continued to lead a life that embodies the values of Phillips Academy and Abbot Academy.

NCAA and U.S. Department of Defense Fund Grand Challenge on Athletic Safety

Announced at the White House Healthy Kids and Safe Sports Concussion Summit in May, the NCAA and the U.S. Department of Defense are launching a \$30 million joint initiative that will include the most comprehensive study of concussion and head impact exposure ever conducted.

Roughly 75 percent of the money will fund the study, which will enroll an estimated 37,000 male and female NCAA student-athletes over a three-year study period. Participants will receive a comprehensive pre-season evaluation for concussion and will be monitored in the event of an injury. The investigation will be the largest ever of its type, offering critical insight to the risks, treatment and management of concussion.

The remaining 25 percent of the funding will finance an educational grand challenge aimed at changing important concussion safety behaviors and the culture of concussion reporting and management. The research will be managed by the Concussion Assessment, Research and Education Consortium, or CARE, co-chaired by principal investigators at three research institution, including Indiana University, University of Michigan, and the Medical College of Wisconsin.



The educational grand challenge will open for submissions this September and seeks academic and private sector innovation.

The immediate goal is to identify a novel, multi-media approach to educating student-athletes, coaches, and other influencers about the risks of concussion and the need to report brain injuries in themselves and others. The content for the program will be established, so the challenge is open to any and all applicants who believe they can create an engaging multi-media education program. For more information, visit www.ncaa.org.

Sanofi Biosurgery Continues Its Support of AOSSM Research Grant

Sanofi Biosurgery renewed its support for the AOSSM research grant to fund investigations on early osteoarthritis (OA) and/or prevention of OA progression. The Society is especially interested in funding studies that evaluate potential chondroprotective interventions (i.e., agents that may repair articular cartilage, or at least decelerate its progressive degradation) in animal models of osteoarthritis. Examples of such interventions include stem cells, PRP, and specific growth factors.

AOSSM is also interested in funding studies that use knee joint injury in humans as a model for testing interventions that might improve the outcomes related to cartilage health and OA. For example, an ACL tear often initiates an immediate cascade of pathophysiological responses that can lead to cartilage degradation and eventual OA. Studies that evaluate

interventions that could mitigate this pathophysiology soon after injury would be very relevant to this grant.

In addition, proposals that seek to identify the factors that cause cartilage injuries to become early osteoarthritis are encouraged as are studies that evaluate imaging of cartilage in early OA. The grant will be for \$50,000 to support either a clinical research study or a lab/basic science project. Projects involving viscosupplementation will not be considered. The deadline for this grant is January 15, 2015. For grant guidelines and additional information, please visit the AOSSM website at www.sportsmed.org/Research/Research_Grants/.

AOSSM gratefully acknowledges Sanofi Biosurgery for their support of this grant.

SANOFI BIOSURGERY 





WASHINGTON UPDATE

By Jamie A. Gregorian, Esq., AAOs, Senior Manager, Government Relations & Specialties

With both the House and Senate reconvening with a month to go until the August recess, the House Energy and Commerce Committee will continue its 21st Century Cures initiative on drug and device development, holding separate sessions to examine modernizing clinical trials and incorporating patient perspectives.

On the executive level, CMS proposed a new rule to eliminate a reporting exemption for certain CME-related payments pursuant to the Physician Payments Sunshine Act. Just last year, CMS had created the exemption after an extensive regulatory process as part of a Final Rule on the law that requires drug and device companies to disclose payments to physicians. In a significant reversal, CMS said its previous policy created an “unintended” appearance of agency endorsement of commercially supported CME events. For its part, the FDA released proposed regulations to strengthen its oversight of compounding pharmacies. The rule would update the FDA’s list of risky drugs that have been removed from the market or are banned from being compounded by pharmacies.

2015 Fee Schedule Released

On July 3, CMS released their proposed 2015 physician fee schedule which would

eliminate an exemption for payments made to physicians speaking at continuing education events. The Physician Payment Sunshine Act requires drug and device makers to publicly report payments to providers to shine a light on potential conflicts of interest, but it makes an exception for payments to speakers at industry-funded continuing medical education programs. Quoting the proposed rule, “we are proposing to delete the Continuing Education Exclusion in its entirety. Eliminating the exemption for payments to speakers at certain accredited or certifying continuing medical education events will create a more consistent reporting requirement, and will also be more consistent for consumers who will ultimately have access to the reported data.”

While there is a potential effect on industry’s willingness to fund CME, there is no apparent change to the indirect payment rule, which does not require reporting in the case of indirect payments to organizations if the funder is not aware of the doctors receiving funding. Per *Forbes*, “most payments to physicians already are excluded because of the indirect payment rule,” which would somewhat diminish the impact of this rule change.

Also of note, CMS is “proposing to transform all 10- and 90-day global codes to 0-day global codes beginning in calendar year 2017,” CMS said. “The Office of the Inspector General has identified a number of surgical procedures that include more visits in the global period than are being furnished.” The agency plans to have one code for services provided on the day of surgery, and pay separately for postsurgical services.

Despite ACA Enrollments, Health Care Spending Decreases

The Department of Commerce’s Bureau of Economic Analysis reported that spending on health care decreased in the first three months of the year despite a surge of ACA enrollments. An earlier estimate found health care spending had increased by 10 percent in the first quarter, boosting overall growth. Some experts interpreted that figure as a sign that people were using their new coverage under the Affordable Care Act (ACA). But the final GDP report paints a decidedly different picture, finding health care spending decreased and subtracted 0.16 percent from economic growth as the economy shrank by 2.9 percent. (*Wall Street Journal*)



CONFERENCE RESOURCES

All Annual Meeting materials, including abstracts, outlines and posters can be viewed by logging into your MyAOSSM page at www.sportsmed.org and clicking on the Meeting Materials link on the left hand side. Instructional Course handouts can also be found here.

SEATTLE

ANNUAL MEETING SHOWCASES OUTSTANDING RESEARCH, EDUCATION & FELLOWSHIP

AOSSM's 2014 Annual Meeting brought together more than 1,300 sports medicine professionals and their families for four days of education and adventure in Seattle.

The meeting began on Wednesday afternoon with the pre-conference workshop in collaboration with SPTS on Bringing the Team Approach to Sports Medicine.

On Thursday, Jo Hannafin, MD, PhD, AOSSM President, and Beth Shubin Stein, MD, Program Chair, welcomed everyone to the official start of the AOSSM 2014 Annual Meeting and began the morning's session with a discussion on shoulder instability and return to play issues. New this year, the meeting also had three concurrent sessions taking place on a wide range of topics from pediatric ACL to adult hip. Thursday's other topic highlights included glenohumeral instability in the contact athlete, throwing shoulder and elbow arthroscopy.

During the business meeting on Saturday, several individuals were confirmed as new additions to the Board of Directors, including:

- Ned Amendola, MD—Vice President
- Rick Wilkerson, DO—Secretary
- Andrew Cosgarea, MD—Treasurer
- Rick Wright, MD—Member at Large Over 45
- C. Benjamin Ma, MD—Member at Large Under 45
- Christopher Kaeding, MD—Chair, Council of Delegates (Ex-Officio)

Robert Burks, MD, was also selected as a member of the Membership Committee.

The following slate of individuals were nominated for the Nominating Committee, of which four will be elected by the membership in September:

- Michael Axe, MD
- Jeffrey Dugas, MD
- Mary Lloyd Ireland, MD
- Darren Johnson, MD
- Patricia Kolowich, MD
- William Levine, MD
- Gus Mazzocca, MD
- Edward McDevitt, MD
- Claude T. Moorman, III, MD
- Brett Owens, MD
- Mark Safran, MD
- Felix (Buddy) Savoie, MD
- Beth Shubin Stein, MD
- Edward Wojtys, MD







Chair of the Nominating Committee will be Christopher Harner, MD, and Past Chair is Peter Indelicato, MD, who will serve as Ex-Officio. Voting will take place online in mid-September.

The Thursday afternoon workshops provided additional education to enhance sports medicine learning. More than 100 individuals attended the live surgical demonstrations on the lower extremity. Attendees were able to learn new surgical skills and tips from top professionals. AOSSM thanks Arthex and Smith & Nephew for their educational grants and in-kind support of the workshop along with in-kind support from SBM, ConMed Linvatec, RTI Surgical, and Stryker.

The AOSSM Medical Publishing Group Reviewers' Workshop was well attended with more than 100 individuals learning the latest on utilizing statistics in orthopaedic sports medicine research from James Carey, MD, MPH, and how to perform systematic reviews and meta analyses from Robert Brophy, MD.

The first day concluded with a beautiful evening at the annual welcome reception on the plaza of the Washington State Convention Center. The event was a huge success with attendees having the opportunity to socialize and see long lost colleagues and meet new ones while enjoying local Seattle food and drinks.

Friday's session began with a scientific session on the choices surgeons have for ACL grafts.

Dr. Hannafin's presidential address also highlighted the opportunities orthopaedic sports medicine and the Society provided her, both professionally and personally. She further stressed the importance of everyone getting involved with the Society and how it can enrich your career, the profession and the development of mentors. Another key point she reflected on was how during her career the prevalence of women has greatly expanded from when she was one

of five women at the back of the room to becoming president. She also reviewed the critical issues with which she and the Society were involved with during her tenure as president—groundbreaking for a new building, ACGME accreditation of stand alone fellowship programs and international outreach.

Friday afternoon also included a new additional educational session on shoulder issues, including subpectoral biceps tenodesis, CC ligament reconstruction and snapping scapula syndrome along with much more. It was a new way for attendees to spend the afternoon and was well attended.

Additionally, attendees took advantage of the industry-sponsored symposiums on Friday afternoon and the new industry theatre sessions to learn more about the latest orthopaedic devices and surgical tools.

Seattle provided more than just engaging education for attendees. Everyone was welcomed to the Northwest with unusually warm temperatures and no rain. Families and friends took part in all kinds of fun activities from Duck Tours of the city to tours of the large Boeing facility to just strolling along Puget Sound and Pike Place Market or taking in a Mariners baseball game. Seattle had a little bit of something for everyone.

On Saturday morning attendees headed back to the Convention Center for discussions and presentations on meniscus repair, patella instability, patellofemoral arthritis, professional development and education and team physician focused sessions on hand, foot/ankle and spine injuries and return to play.

One of the biggest highlights of the meeting also occurred on Saturday, with Presidential Guest Speaker and long distance swimmer, Diana Nyad. She highlighted her "just a fingernail" approach to life and never give up attitude to conquer what others deemed impossible—swimming from Cuba to Florida.

Dr. Hannafin also presented the presidential medallion and pin to incoming president, Robert Arciero, MD. This ceremony signified Dr. Arciero's induction as the 2014–2015 AOSSM President.

Awards were also given for outstanding posters to the following individuals:

First Place: Poster 14 (\$750)

Comparison of Glenohumeral Contact Pressures and Contact Areas After Posterior Glenoid Reconstruction With Iliac Crest or Distal Tibia Osteochondral Allograft

Authors: Rachel M. Frank, MD¹; Jason J. Shin, MD¹; Maristella F. Saccomanno²; Sanjeev Bhatia, MD¹; Elizabeth Shewman, MS¹; Vincent Wang, PhD¹; Bernard R. Bach, Jr., MD¹; Brian J. Cole, MD, MBA¹; Matthew Provencher, MD³; Nikhil N. Verma, MD¹; Anthony A. Romeo, MD¹

¹Rush University Medical Center, Chicago, Illinois

²Department of Orthopedics, Catholic University, Rome

³Massachusetts General Hospital, Boston, MA

Second Place: Poster 7 (\$500)

Incidence of Culture Positive Propionibacterium Acnes in Shoulder Arthroscopy

Authors: Paul M. Sethi, MD¹; James R. Sabetta, MD²; Samantha J. Stueck¹; Storm V. Horine¹; Katherine B. Vadasdi, MD¹; R. Timothy Greene, MD¹; James G. Cunningham, MD¹; Seth R. Miller, MD¹

¹Orthopaedic & Neurosurgery Specialists, Greenwich, Connecticut

²Section of Infectious Diseases, Greenwich Hospital, Greenwich, Connecticut

Third Place: Poster 32 (\$250)

Prospective Comparative Study of ACL Reconstruction Between Using Hamstring Autograft and Soft Tissue Allograft

Authors: Eun Kyoo Song¹; Jong Keun Seon, MD¹; Hasung Kim¹

¹Chonnam National University Hwasun Hospital, Hwasun, Republic of Korea

The following individuals also won our daily raffle prizes (\$250 American Express Gift Card, a bottle of Washington wine and a Seattle themed gift):

- Vincent Chen, MD
- Melissa M. Bickett, MD
- Junsuke Nakase, MD, PhD

The Young Sports Medicine Specialists' Workshop on Saturday afternoon took on the topics of military active duty practice, ACA and leadership in today's sports medicine practices. The informal structure of the workshop allowed everyone to get involved and interact and learn on a more personal level.

The day ended with a fun-filled party at the Seattle Aquarium. This amazing attraction, wowed visitors young and old alike, with touchable starfish, face painting, jellyfish, octopus, otters and so much more. The event supported by AOSSM and DJO Global was an experience to remember.

The meeting concluded on Sunday with AMSSM and ACSM Exchange Lectures on concussions and pharmacologics respectively, along with a symposium on stress fractures and updates on ACL injury

Conference Evaluation

The Society strives to provide you with the best educational experience possible. You should have received an e-mail from the Society asking for your comments on the meeting and how we can improve for next year. Please be sure to take a few minutes to complete this evaluation, so we can continue to make our meetings the best in sports medicine.

CME Certificates Available

You also should have received an email from the Society regarding your CME credit, if not, please contact the Society office at 847/292-4900. Thank you!

prevention, nerve complications and graft dynamics. The Cabaud Memorial Award and Aircast Award for Basic Science were also presented. (See details on page 19.)

AOSSM would like to thank all of our sponsors and exhibitors for their ongoing Annual Meeting support. Explore the science of sports medicine further and join us in Orlando for the AOSSM 2015 Annual Meeting, July 9–12 at the Hilton Orlando Bonnet Creek.



Photos from the Annual Meeting will be available for viewing at <http://www.photographyg.com>. Select the link on the bottom of the page to View the AOSSM Event. You will create a new account or if you viewed pictures from the 2013 Annual Meeting you can simply sign in. Many photos of the scientific sessions, award presentations, and family fun are there for your enjoyment and to purchase.



2014 Robert E. Leach Mr. Sports Medicine Award

James R. Andrews, MD



Dr. James R. Andrews, orthopaedic sports medicine leader and past AOSSM President, was presented with the 2014 Robert E. Leach Mr. Sports Medicine award during the AOSSM Annual Meeting on Saturday, July 12. This prestigious award is given annually to honor those who have made a significant contribution to the world of sports medicine and includes a \$5,000 donation to the winner's charity of choice. This year Dr. Andrews donated his award to the STOP Sports Injuries program. It is one of the top awards the Society presents each year. Dr. Andrews was the 41st recipient of this distinguished award.

Dr. Andrews is one of the founding members of the Andrews Sports Medicine and Orthopaedic Center and founder,

chairman and medical director of the American Sports Medicine Institute (ASMI) a non-profit institute dedicated to injury prevention, education, and research in orthopaedic and sports medicine. In addition, he is a founding partner and medical director of the Andrews Institute and the Andrews Research and Education Institute in Gulf Breeze, Florida. He was also crucial to the development of the STOP Sports Injuries campaign to help prevent athletic overuse and trauma injuries in kids.

Dr. Andrews is internationally known and recognized and has made numerous presentations around the world, and authored hundreds of scientific articles and books. He also recently wrote, *Any Given Monday*, based upon his life in sports medicine.

Dr. Andrews is a Diplomate of the American Board of Orthopaedic Surgery

and a member of the American Academy of Orthopaedic Surgeons. He has served on the Board of Directors of the Arthroscopy Association of North America and the International Knee Society. He is Clinical Professor of Orthopaedic Surgery at the University of Alabama Birmingham Medical School, the University of Virginia School of Medicine, University of South Carolina Medical School, Adjunct Professor in the Department of Orthopaedic Surgery at the University of South Alabama, and Clinical Professor of Orthopaedics, Department of Orthopaedics, Tulane University School of Medicine.

In the professional sports arena, Dr. Andrews is Senior Consultant for the Washington Redskins and Medical Director for the Tampa Bay Rays. He is also the Medical Director of the Ladies Professional Golf Association.

Hall of Fame Inductees

In 2001, AOSSM established the Hall of Fame to honor members of the orthopaedic sports medicine community who have contributed significantly to the specialty and set themselves apart. Being inducted into the Hall of Fame is one of the Society's highest honors. This year's inductees include the following:

Steven P. Arnoczky, DVM



Dr. Arnoczky is currently the Director of the Laboratory for Comparative Orthopaedic Research at Michigan State University (MSU) and the Wade O. Brinker Endowed Professor of Veterinary Surgery in the College of Veterinary Medicine. He also holds appointments in the College of Human Medicine and the College of Osteopathic Medicine at MSU.

Dr. Arnoczky was born in Lorain, Ohio, and received his Doctorate of Veterinary Medicine from the Ohio State University in 1972. Dr. Arnoczky was appointed as a research scientist at the Hospital for Special Surgery in 1977 and was named the Director of the Laboratory for Comparative Orthopaedic Research in 1979. In 1992, Dr. Arnoczky was named as the first Wade O. Brinker Endowed Professor of Surgery in the College of Veterinary Medicine at MSU.

He is a founding member of the International Olympic Committee's Olympic Academy of Sciences and an honorary member of the Herodicus Society. Dr. Arnoczky has also received numerous awards and published more than 185 scientific articles, 150 scientific abstracts, and has written 78 book

chapters. He has co-edited three books on basic science topics related to sports medicine. Dr. Arnoczky has given more than 800 invited research lectures around the world.

Bruce Reider, MD

Dr. Reider was born in Queens, New York, and grew up in the New York metropolitan area. He graduated from



Phillips Academy, Andover in 1967. He matriculated to Yale University, where he was active in multiple singing organizations and, in 1971, received an AB degree in English Literature magna cum laude and was elected to Phi Beta Kappa. After obtaining his medical degree at Harvard Medical School in 1975, he served an internship in general surgery

at Columbia Presbyterian Hospital and a residency in orthopaedic surgery at the Hospital for Special Surgery (HSS). Dr. Reider completed fellowships at HSS, University of Wisconsin, and Kantonspital Bruderholz.

He arrived at the University of Chicago (UC) in 1981, where he continues to serve as head team physician for the athletic programs. At UC, he founded the sports medicine fellowship program and was Director of Sports Medicine for more than three decades. In addition to his duties at UC, he has served as team physician for several other colleges and high schools in the Chicago-land area and provided team coverage for wrestling and soccer at the national and professional levels.

Dr. Reider currently serves as Professor of Orthopaedic Surgery, Emeritus. He has made 86 national and international presentations; edited six text books; and written 22 book chapters, 41 peer-reviewed articles and, at last count, 132 editorials.

Since 2002, Dr. Reider has been editor-in-Chief of the *American Journal of Sports Medicine*, and since 2009, Executive

Editor of the Medical Publishing Group for the AOSSM. In those capacities he serves on the AOSSM Medical Publishing Board of Trustees and the Board of Directors (ex officio). He also serves as *Orthopaedic Journal of Sports Medicine* Editor-in-Chief.

Timothy N. Taft, MD



Dr. Taft was the long-time, Max Novich Distinguished Professor of Orthopaedics and Director of Sports Medicine at the University of North Carolina in Chapel Hill (UNC). Dr. Taft attended Princeton University and the University of Missouri, School of Medicine. He completed his residency in orthopaedic surgery at the University of North Carolina, where he then joined the faculty. In the early 1970s, he helped organize and develop the formal sports medicine program at UNC. This program was unique in that it was based on a medical model with the physicians, athletic trainers, physical therapists, and nutritionists being part of the university health care system

rather than being directly employed by the department of athletics. In addition to being the team physician and orthopaedic surgeon for UNC, Dr. Taft has been the team head physician or medical director for more than 40 U.S. teams at international competitions.

Dr. Taft has also held many national leadership positions in sports medicine and orthopaedics, including the AOSSM Board of Directors, the Medical Advisory Committee for the USOC, and has often been an examiner for the ABOS. He currently serves as the North American representative to the Global Medical Advisory Committee for Special Olympics International. Dr. Taft has been honored as a Distinguished Eagle Scout by the Boy Scouts of America and has been recognized as a "Priceless Gem" by the UNC Department of Athletics. He has received Distinguished Service Awards from the North Carolina High School Athletic Association, the University of Missouri and the University of North Carolina. He has also won several teaching awards at UNC.





George D. Rovere Award

Freddie H. Fu, MD

The Rovere Award is given annually to an individual AOSSM member to recognize his or her contribution to sports medicine education over the years and is selected by the AOSSM Education Committee.

It commemorates George D. Rovere, MD, Chair of the AOSSM Education Committee, who died in 1988. As Education Chair, Dr. Rovere inaugurated the Society's Instructional Course program, introduced at the 1985 AOSSM Annual Meeting and was a leader in the AOSSM Conference on Strength Training and the Prepubescent.

At the time of his death, Dr. Rovere was head of the Section of Orthopaedics at Bowman Gray School of Medicine at Wake Forest University, serving as team physician to all the university's athletic teams. In addition, he was an orthopaedic consultant to the Carolina Thunderbirds ice hockey team, as well as numerous area high school teams.



Thomas A. Brady Award

James C. Vailas, MD

The Thomas A. Brady Award is given annually to an orthopaedic surgeon who has been dedicated to excellence in sports medicine at the local level, with local athletes, since 1999. Dr. Brady is the father of sports medicine in central Indianapolis. He began his work in sports medicine in 1944, working as team physician for the Third Air Force Football Team. In 1968, he presented a plan to the Indiana State Medical Association to organize a sports medicine committee. The plan was approved and Dr. Brady served as the first chairman. In the 1980s, he set up a walk-in clinic in the basement of Methodist Hospital to treat high school athletes. On Friday nights he would attend two or three football games, traveling around the city to make sure that these athletes had good medical care.

Upon his retirement in the late 1980s, Dr. Brady was orthopaedic consultant to 16 public, 5 catholic, and 1 private high school in Indianapolis, as well as the athletic teams at DePauw University and Indiana Central College. Dr. Brady passed away in 2011.



Research Awards

The Society annually provides more than \$350,000 to research initiatives and projects around the country. Highlights of this year's award recipients include:

2014 AOSSM Young Investigators Grant

The Young Investigator Grant (YIG) is designed to support young researchers who have not received prior funding. This year AOSSM selected **Perry R. Altman, MD**, Beaumont Hospital, for his research, "Stem Cell Mobilization and Chemokine-Directed Intra-Articular Migration of Native Marrow-Derived Stem Cells: Acute Phase Treatment to Mitigate Post-Traumatic Osteoarthritis Following ACL Rupture," which examines new treatment options for various knee injuries and conditions.

2014 AOSSM Sandy Kirkley Clinical Outcomes Research Grant

To honor the memory and spirit of Dr. Kirkley, AOSSM established a grant of \$20,000 that provides start-up, "seed," or supplemental funding for an outcome research project or pilot study. This year's recipient is **Drew A. Lansdown, MD**, UCSF, for "An Evaluation of the Effects of Rotator Cuff Tear Size on the Progression of Fatty Infiltration with a Novel Quantitative MR Imaging Technique," a project aimed to see how the severity of rotator cuff tears can affect long-term health of patients.

2014 AOSSM/Sanofi Biosurgery Osteoarthritis Grant

The third-annual Sanofi Biosurgery Osteoarthritis Grant was awarded to **Robert H. Brophy, MD**, Washington University, for his research titled "Molecular Profiling

of Meniscus and Articular Cartilage in Knees With and Without Osteoarthritis to Identify Candidate Genes for Therapeutic Intervention." The research aims to identify potential treatment measures to reduce or eliminate the effects of osteoarthritis. This one-year award of \$50,000 supports a lab/basic science project and is chosen by the AOSSM Research Committee.

2014 AOSSM/ConMed Linvatec Research Mentoring Program

AOSSM initiated a research mentoring program in 2012 that will bring together individuals who have shown scientific promise at an early stage of their careers with senior clinician-scientists who have highly successful research programs. The first class of award winners include mentee **Alfred Atanda, MD**, A. I. DuPont Hospital for Children, with mentor **Mininder Kocher, MD, MPH**, Boston Children's Hospital; mentee **Cory Edgar, MD, PhD**, Boston University, with mentor **Kurt Spindler, MD**, Cleveland Clinic, and mentee **Joseph DeAngelis, MD**, Beth Israel Deconess Medical Center, with mentor **Warren Dunn, MD, MPH**, University of Wisconsin.

AOSSM/RTI Biologics Three-Year Research Initiative Grant

AOSSM's Research Initiative Grant supports extended research projects with five installments of \$50,000 over a three-year period (2013–2015). The latest grant

was presented to **Alexander Scott, PhD**, to support his ongoing research titled "Intratendinous Injections of Platelet-Poor Plasma, or Platelet-Rich Plasma With or Without Leukocyte Enrichment for Patellar Tendinopathy: A Multi-Centre, Double-Blind, Randomized Controlled Trial," which explores the use of PRP therapy in treating sports injuries.

Aircraft Award for Basic Science

Voted by the AOSSM Fellowship Committee, this year's winning paper is: "The Effect of Dynamic Changes in ACL Graft Force on Soft Tissue ACL Graft-Tunnel Incorporation," from authors **Richard Ma, MD**; **Michael Schaer, MD**; **Tina Chen, MS**; **Marco Sisto, BS**; **Clifford Voigt, MD**; **Joseph Nguyen, MPH**; **Lilly Ying, VS**; **Xiang-Hua Deng, MD**; and **Scott A. Rodeo, MD**.

Aircraft Award for Clinical Science

Voted by the AOSSM Fellowship Committee, this year's winning paper is: "Return to Play Following In-Season Anterior Shoulder Instability: A Prospective Multi-Center Study," from authors **Jonathan F. Dickens, MD**; **Brett D. Owens, MD**; **Kenneth L. Cameron, PhD, MPH, ATC**; **Kelly G. Kilcoyne, MD**; **C. Dain Allred, MD**; **Steven J. Svoboda, MD**; **Robert T. Sullivan, MD**; **John M. Tokish, MD**; **Karen Y. Peck, MEd, ATC**; and **John Paul H. Rue, MD**.



Research Awards continued—

Cabaud Memorial Award

Given to the best paper researching hard or soft tissue biology, this award is selected by the AOSSM Awards Subcommittee with awardees receiving \$2000. This year's winning paper is: "Does Limited Internal Femoral Rotation Increase Peak ACL Strain During a Simulated Pivot Landing?" Contributing authors to this research include **Melanie L. Beaulieu, MSc**; **Youkeun K. Oh, PhD**; **Asheesh Bedi, MD**; **James A. Ashton-Miller, PhD**; and **Edward M. Wojtyls, MD**.

Excellence in Research Award

This award is selected by the AOSSM Awards Subcommittee with principal investigators receiving \$2,000. This year's winning paper was from **Nicholas I. Kennedy, BS**; **Mary T. Goldsmith, MSc**; **Scott C. Faucett, MD, MSc**; **Garrett A. Coatney**; **Lars Engebretsen, MD, PhD**; and **Coen A. Wijdicks, PhD**, titled "Posterior Cruciate Ligament Graft Fixation Angles: Biomechanical Evaluation for Single- and Double-Bundle Reconstruction."

O'Donoghue Sports Injury Research Award

The 2014 recipients were the MARS Group, for their research titled, "Revision Anterior Cruciate Ligament Reconstruction Graft Choice Impact on Outcome in the MARS Cohort." This award is given annually to the best overall paper that deals with clinical based research or human in-vivo research.

Hughston Award

This year's recipients of the Hughston Award are **Mattias Ahldén, MD, PhD**; **Ninni Sernert, RPT, PhD**; **Jón Karlsson, MD, PhD**; and **Juri Kartus, MD, PhD**, for their paper, "A Prospective Randomized Study Comparing Double- and Single-Bundle Techniques for Anterior Cruciate Ligament Reconstruction. The award, chosen by a panel of *AJSM* editors and reviewers, is given to the most outstanding paper published in the *American Journal of Sports Medicine* and receives \$5,000.

AJSM Systematic Review Awards

Jonathan C. Riboh, MD; **Vic Hasselblad, PhD**; **Jonathan A. Godin, MD**; and **Richard C. Mather, III, MD**, received this year's award for their paper, "Transtibial Versus Independent Drilling Techniques for Anterior Cruciate Ligament Reconstruction: A Systematic Review, Meta-Analysis, and Meta-Regression." The Systematic Review award is given to the best systematic review paper submitted to the *American Journal of Sports Medicine* during a calendar year, as determined by a panel of *AJSM* editors and reviewers. The award winning authors receive \$5,000.

T. David Sisk Award for Best Original Research Paper

The winners were selected from the best papers in original research submitted to *Sports Health: A Multidisciplinary*

Approach. The award will include a \$2,500 cash prize and a plaque. This year's winner is "Neck Strength Imbalance Correlates With Increased Head Acceleration in Soccer Heading," from authors **Zachary D.W. Dezman, MD**; **Eric H. Ledet, PhD**; and **Hamish A. Kerr, MD, MSc, FAAP**.

T. David Sisk Award for Best Review Paper

This year's recipient is the paper "Muscle Injuries in Athletes: Enhancing Recovery Through Scientific Understanding and Novel Therapies," from **Demetris Delos, MD**; **Travis G. Maak, MD**; and **Scott A. Rodeo, MD**. The winners were selected from the best review papers submitted to *Sports Health: A Multidisciplinary Approach*. The award will include a \$2,500 cash prize and a plaque.

T. David Sisk Award for Best International Paper

The winners were selected from the best international papers submitted to *Sports Health: A Multidisciplinary Approach*. The award will include a \$2,500 cash prize and plaque. This year's winner of the best international research paper is "A Survey Examining the Correlations Between Japanese Little League Baseball Coaches' Knowledge of and Compliance With Pitch Count Recommendations and Player Elbow Pain," from authors **Taiki Yukutake, PT**; **Minoru Yamada, PT, PhD**; and **Tomoki Aoyama, MD, PhD**.

For more information on AOSSM research projects and awards please visit www.sportsmed.org and click on the "Research" tab.



2014 Council of Delegates Incoming Members

Congratulations to the following new members of the Council of Delegates:

Christopher C. Kaeding, MD (Chair)
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2013-2014 COMMITTEE MEMBERS

Thank you to these AOSSM members for their service to the Society's committees in 2013-2014.

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For information and to register, visit www.sportsmed.org/meetings.

AOSSM/AAOS Review Course for Subspecialty Certification in Orthopaedic Sports Medicine

August 8-10, 2014
Chicago, Illinois

Advanced Team Physician Course

December 11-14, 2014
Tampa, Florida

AOSSM 2015 Specialty Day

March 28, 2015
Las Vegas, Nevada

Contemporary Treatment of the Young Adult Hip: Latest Research & Surgical Techniques

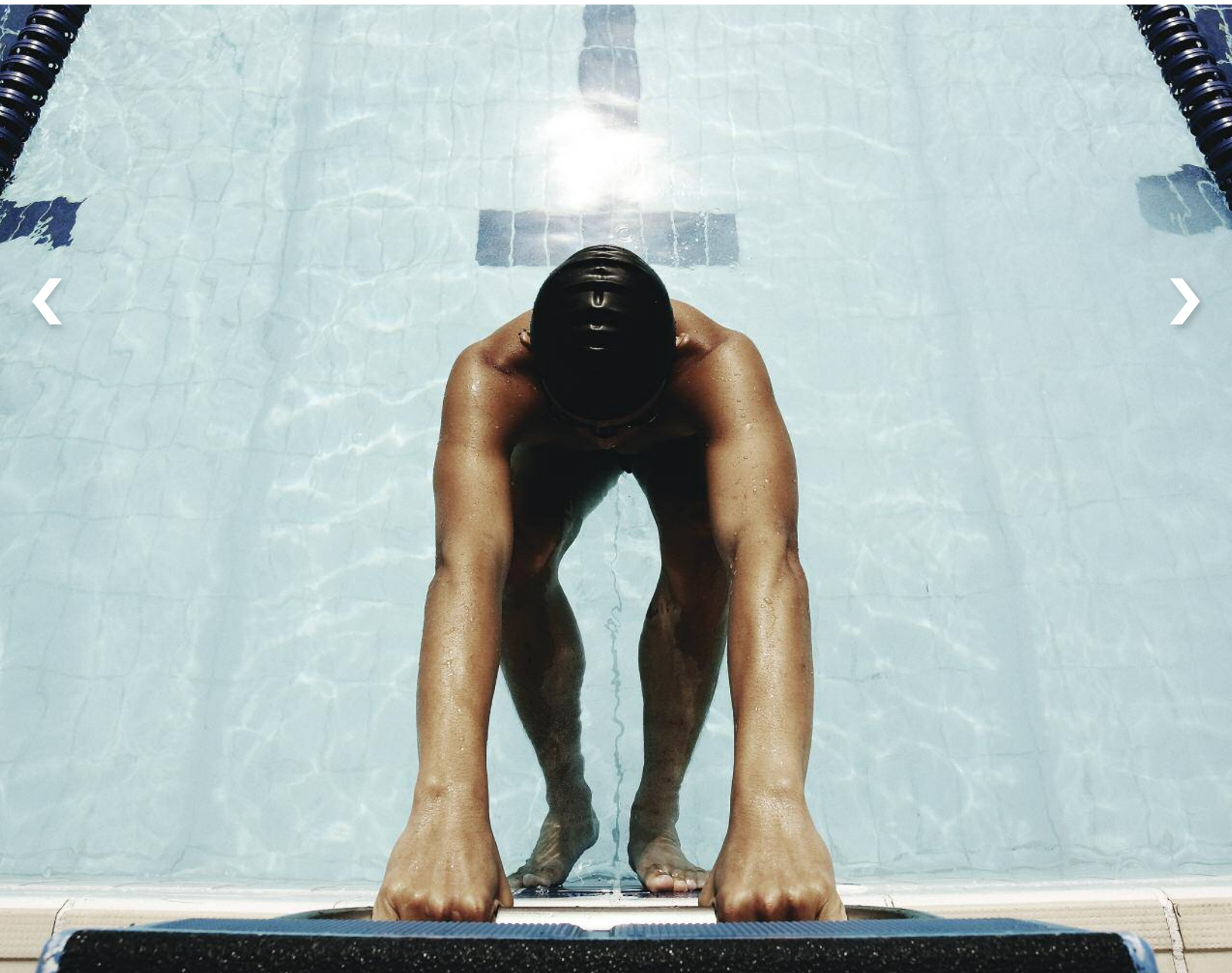
April 10-12, 2015
Rosemont, Illinois

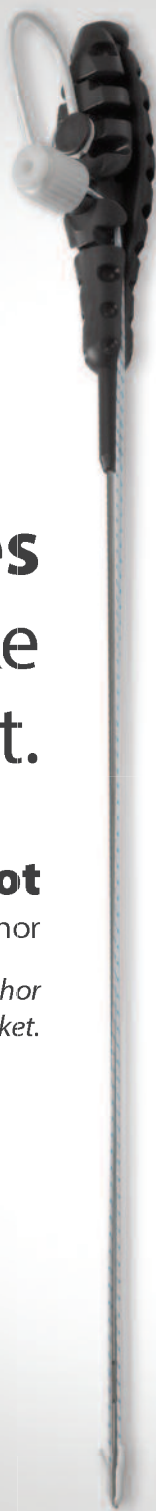
AOSSM 2015 Annual Meeting

July 9-12, 2015
Orlando, Florida

Keep Your Edge: Hockey Sports Medicine in 2015

August 28-30, 2015
Toronto, Ontario, Canada





Sometimes
you feel like
a knot.

JuggerKnot

Soft Anchor

*The first all-suture anchor
on the market.*



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