



## GARY M. GARTSMAN, MD

Plans are underway for this year's Closed Meeting October 30-November 2, 2002. The Inn at Spanish Bay is located in Pebble Beach, California. Described by Robert Louis Stevenson as the most heavenly meeting of earth and sea, the Closed Meeting will have a spectacular venue. The resort overlooks the ocean and tranquil walks along the dunes are almost obligatory! The town of Carmel is picturesque and beckons visitors to spend a relaxing day exploring the interesting shops. Big Sur, the 17-mile drive, and Monterey each offer something special but I hope all of you will still attend the scientific program.

Dave Dines and his committee are putting together an extraordinary program that will assure some excellent sessions. We will have increased participation from our basic science members at Pebble Beach as they will very much be a part of the meeting. Savio Woo is leading the way.

As a follow-up to my last ASES Newsletter message I did investigate the golf issue and am pleased to report that the golf courses are spectacular. Dominique will have many participants in his tournament.

I look forward to seeing all of you in October. Please feel free to contact me with any thoughts.

Gary M. Gartsman  
gary@gartsman.com

## Melvin Post, MD

*Melvin Post, MD, one of the original-founding members of the ASES, and an internationally recognized scholar and teacher regarding the shoulder, died April 30, 2002. The cause of death was complications related to prostate carcinoma, which he has battled for 10 years.*

### Letters of condolence may be sent to Elaine Post at:

Mrs. Melvin Post, 555 West Armitage, Chicago, IL 60614

### Published in the *Chicago Tribune* on 5/1/2002:

Melvin Post, MD, age 73, husband of Elaine; father of Robert, Nancy (Scott Baron) and Carole; stepfather of Scott; grandfather of Eric and Daniel Baron and Alyxandria Radke. Funeral 11:00 AM, Thursday (5/2) at Chicago Sinai Congregation, 15 W. Delaware Place. Interment private. In lieu of flowers, memorial contributions may be made to: Rush-Presbyterian St. Luke's Medical Center, Dr. Philip Bonomi, Cancer Research Fund, 1725 W. Harrison Street, #821, Chicago, IL 60612. Blake-Lamb Funeral Home Directors. 312-944-5594. Sign guestbook at [chicagotribune.com/obituaries](http://chicagotribune.com/obituaries).

## EDITOR'S MESSAGE

## BILL MALLON, MD

Mike Pearl knows of my interest in mathematics, but to some of you it is somewhat unknown. In that vein, I've recently been reading a great book called *The Honors Class: Hilbert's Problems and Their*



*Solvers* (by Benjamin Yandell, AK Peters Publishing).

In 1900, David Hilbert, the most renowned German mathematician of his era, delivered a lecture at the International Congress of Mathematics, entitled "Mathematical Problems." In that address, he listed 23 problems that he put forward as a challenge to mathematicians of the 20th century. He thought these were the primary challenges of the world of mathematics at the dawn of the new century. As of 2002, 16 of the problems have been solved, and the solutions to four more have been essentially completed, leaving only three without successful solutions.

In reading this book, I was struck by the analogy to shoulder and elbow surgery at the dawn of a new century. What are the primary problems facing the shoulder and elbow surgeons of the 21st century? How close are we to solving these problems? How can we find the solutions to the problems? Are some of them not solvable, but a function of the human condition?

I consider myself not close to the shoulder surgical equivalent of David Hilbert. But as the editor of this newsletter I have taken a preliminary step towards trying to create a similar list of problems related to shoulder and elbow surgery. They follow later in the issue. Perhaps we can discuss this via e-mail, perhaps on Steve Snyder's shoulder chat room, or perhaps at future meetings. I hope they will stimulate thought and conversation. Perhaps a few of you will tell me I am nuts, or perhaps that I simply do not know the solution, but somebody else does. All well and good; I would just like to know the answers.

In other sections of this newsletter, we'll include short bios of some of the new ASES Members who were inducted at the Napa meeting last October. There is a summary of recent meetings inside, as well as a section of Member's Notes, giving some personal information about our membership. And as always, we list the forthcoming shoulder and elbow meetings of interest. Hope you like it.



### Lynn Crosby

Lynn Crosby was recently appointed as Chairman of the Orthopaedic Department at Wright State University in Dayton, Ohio. He writes, "This is my second go around as chairman of an orthopaedic department and I probably need my head examined or at least a quality MRI of the brain." Lynn went to college at the University of North Dakota, and medical school at Ohio State. He did his residency at Creighton in Nebraska, finishing in 1989. He later served as a Mid-American Orthopaedic Association Traveling Fellow and the Clinical Orthopaedic Society Traveling Fellow. His *curriculum vitae* is extensive with over 60 published articles and numerous abstracts and presentations, most of them dealing with problems of the shoulder and elbow.

Lynn and his wife, Sheila, have three children – Shanna, Allison, and Ryan, aged 23, 16, and 13. All of them play tennis and this takes up a lot of the family time. But it is likely they have difficulty keeping up with Lynn in this regard. He has been a semi-finalist in the National 45 Indoor Championships at Salt Lake in 2000, and was 5th in the 2001 doubles National 45s. He has been ranked #1 in his age group for Nebraska and Tennessee. He also notes that he has done some big game hunting in Northern Canada and he and his son are looking into some future fishing expeditions.

### Xavier Duralde

Xavier is a native of Atlanta, although his parents were Spanish immigrants who settled in Atlanta in the early 1950s. His father was a surgeon who came to America to do a fellowship in thoracic surgery, and ended up staying here. One of seven children, Xavier has three siblings that are also physicians.

Xavier attended Harvard College and then Columbia Medical School. He stayed at Columbia for his residency. In 1988, Xavier entered the Air Force and was then based in Oxford, England from 1988-1992. His wife, Mary, is a family practice MD and together they worked at the RAF Upper Heyford outside of Oxford. Leaving in 1988 with two children, they returned with four, and Xavier relates that the two born there can now receive National Health Service care while in England.

In 1992, Dr. Duralde returned to Columbia and did a shoulder fellowship with Louis Bigliani, which he considers his best year of training. He then returned to join the Peachtree Orthopaedic Clinic, a large private group in midtown Atlanta. He is now an instructor on the clinical faculty at Emory, and is the physician for the Atlanta Braves.

The Duralde children are now aged 16, 14, 11, and 10, and Mary has retired from medicine to care for them. Free time is often spent on family trips and hiking in the north Georgia mountains.

### Pat McMahon

Pat McMahon is currently an Assistant Professor at the University of Pittsburgh. Pat attended Bucknell University in central Pennsylvania, and did medical school at Temple. His internship was at NYU and his orthopaedic residency at Pitt. His fellowship was done at Kerlan-Jobe in 1993-1994 and he then joined the faculty at the University of California at Irvine from 1994-1999, before returning to Pittsburgh. Pat's CV is extensive with over 100 national and regional presentations. He has had over 40 publications in peer-reviewed journals, with most of these on shoulder topics. His current research interests include treating glenohumeral joint instability, pathoanatomy of rota-

tor cuff tears, the influence of shoulder muscles in instability, and the use of computer assisted therapy in the treatment of shoulder injury. Pat is married to Vitoline and lives in Pittsburgh. They enjoy traveling, especially to visit an extensive list of nieces and nephews. Pat has begun mountain biking for exercise and on a recent bike trip in Ligonier, he encountered an adult black bear, but notes that neither he, nor the bear, sustained a sports-related injury.

### Ed McFarland

Ed McFarland joins the ASES out of Johns Hopkins, where he is the Director of the Division of Sports Medicine and Shoulder Surgery. Ed went to college at Murray State where he starred as a football player. He was All-Ohio Valley Conference three times and in his junior and senior years he was voted Murray State's outstanding male athlete for all sports. He attended the University of Louisville School of Medicine and did his residency at the Mayo Clinic, and his fellowship at Kerlan-Jobe. He recently served as the ASES Traveling Fellow in 2001.

Ed began his practice at the University of Florida but left in 1992 to join the staff at Hopkins. He has served as a consultant team physician for the Baltimore Orioles since 1992, and the team doctor for the Baltimore Bay Runners, a team in the International Basketball League. His *curriculum vitae* is extensive, with numerous abstracts, chapters, and presentations, as well as over 60 papers published in peer-reviewed journals. Most of these have been on the shoulder and/or sports medicine. Ed is married with one daughter, Julianne, who is now 3 years old.

### Wes Nottage

Wes Nottage currently practices in Anaheim, California with the Kaiser Permanente Group. He went to college at the University of Redlands, where he did a group major in chemistry, biology, and English. Medical school was done at UC Irvine, finishing in 1974. His residency was also done at Irvine and his fellowship was done in 1980 with Richard O'Connor in West Covina, California.

Wes has served as a clinical professor at UC Irvine since 1982, and as fellowship director at the Sports Clinic Orthopaedic Medical Associates since 1991. In addition to his membership with ASES, he is a member of the AOSSM and AANA. He has served as a course chairman for numerous teaching courses since the 1980s. His publications include over 25 papers on shoulder and elbow topics that have appeared in refereed medical journals.

Wes and his wife have 2 grown daughters – one a senior at the University of Utah, and one a graduate of the University of California – both of whom are going to pursue Masters' Degrees. His personal interests outside the medical arena include flyfishing and salmon fishing.

### Ofer Levy

Ofer Levy is Consultant Orthopaedic Surgeon and Chief of the Shoulder Surgery Service at Soroka Medical Centre in Beer Sheva, Israel, and an appointed lecturer in orthopaedic surgery at the Faculty of Health Science at the Ben-Gurion University of the Negev, in Beer Sheva. He studied medicine at the Hebrew University and Hadassah School of Medicine in Jerusalem, Israel from 1976-1982. After serving 6 years in the military service in the Israel Defense Forces, attaining a rank of major, he finished his orthopaedic training at the Sheba Medical Centre in Tel Hashomer. In 1996, Ofer spent a sabbatical leave with

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ASES Member Steve Copeland in Reading, UK, and has since worked closely with Copeland. Levy was appointed a consultant orthopaedic surgeon to the Royal Berkshire Hospital in 1999, and in that year he and Copeland established the Reading Shoulder Surgery Unit at The Royal Berkshire Hospital and the Berkshire Independent Hospitals.

Ofer is married to Yael, a designer who recently completed her Masters degree in design management and specializes in design management for the medical device industry. They have three children - a daughter Omri (14), and two boys, Ido (11), and Timna (6). They spend a lot of time together outdoors as a family. Ofer was Israeli national youth heavyweight champion and a member of the Israel National Judo team from 1971-76.

#### Ralph Hertel

Ralph Hertel is based in Berne, Switzerland. His title is Ralph Hertel, PD Dr. med, which he tells us is approximately the same as MD/PhD.

Born in 1957, Ralph married Tatiana in 1979 and they have two children - Tina-Bellinda (17) and Alexander (16). He describes family conversations as "A mixture of Italian, French, German, and English - funny but at times painful." Ralph states that his professional interests are all aspects of shoulder and elbow surgery. At Berne, his team is working mainly on clinical research dealing with gleno-humeral instability, rotator cuff disease, frozen shoulder, and elbow stiffness. They are also working on fracture reduction and fixation in association with the AO/ASIF group. Their biomechanical research focuses on rotator cuff problems and methods of fixation of the tuberosities in hemiarthroplasty. Their work has produced what he describes as a "truly innovative shoulder arthroplasty system." Ralph is chairman of the Education Committee and a member of the Executive Committee of the European Society for Shoulder and Elbow Surgery (SECEC/ESSE) and is also a member of the Shoulder Expert Group for the AO/ASIF.

## Shoulder and Elbow

## Problems

1. What causes the pain of rotator cuff pathology? Is it mechanical impingement? There are other possibilities – biomechanical dysfunction, point loading due to altered biomechanics, an inflammatory process (though none has been found), neurologic disorders, and perhaps soft tissue avascular necrosis, noting Rothman and McNabb's dysvascular watershed zone in the cuff. What is the cause of the pain, and how do we go about finding the cause?
2. Where is what I call the biomechanical camel's back in large or massive rotator cuff tears? By that I mean the following: we have all seen patients with massive RCTs who can actively elevate their arms with little difficulty, though often with pain. Yet, other patients with massive RCTs are "hunchers" – those who cannot elevate the gleno-humeral joint at all, but simply hunch up their scapulae to initiate shoulder motion. Why the difference? When does one "break the biomechanical camel's back of the RCT" such that the rotator cuff can no longer elevate the arm?
3. Related to this, can we determine definitively and pre-operatively when a rotator cuff tear is not reparable? We have all seen large or massive RCTs that mobilize well, yet others, often much smaller, simply cannot be closed. Is there any way to predict this problem pre-operatively? And along these lines, we need to know more completely what the full, normal excursion of the rotator cuff muscles are. This work is known in the hand and forearm for tendon transfers, done by Paul Brand. Until we know the accurate excursions, attempts to mobilize a large tear may violate the principles of Blick's Curve and make repair impossible. How can we determine the excursions of the rotator cuff muscles accurately, as it relates to the first part of this problem? We probably also need to be able to determine the chronicity of the tear – is this possible via MRI?
4. Is there a solution to the problem of a massive, irreparable rotator cuff tear presenting as a "huncher"? Can we ever restore the biomechanics of the shoulder in these patients so that they can at least elevate their arm above shoulder level? Will the solution consist of tendon transfers? Perhaps other grafting techniques?
5. In patients who undergo total shoulder replacement, why are the biomechanics so abnormal, as shown by Rich Friedman's work that the gleno-humeral/scapulo-thoracic ratios of elevation are reversed? Is this a problem of prosthetic design? Or is it a soft-tissue problem relating to dysfunction of the rotator cuff? If it is a cuff problem, what can we do to restore the biomechanics? Further, is this a clinical problem, or simply a clinical finding that does not bother patients?
6. Is there one, best, and effective treatment for a young person who is a first-time dislocator to prevent this from occurring in the future? Is it Arciero's solution of scope and repair? Will it be immobilization in external rotation to allow the labrum to heal laterally, as shown by some laboratory work recently published by the Japanese group?
7. Is there an essential lesion that causes an anterior dislocation to become a recurrent dislocator, as has often been thought? This has been attributed in the past to a Bankart lesion, but more recent work (by Russ Warren's group), indicates that it is likely more complicated than that. Stated mathematically, is a Bankart lesion a necessary and sufficient condition for a first-time dislocator to become a recurrent dislocator?
8. Is there some fixation system we are missing that will allow us to repair complicated fractures of the proximal humerus and stabilize them enough so that motion can be started early? Or will any such solution in 3- and 4-part fractures fail because of the lack of vascular supply, as postulated by Neer?
9. Is there a fixation system for "severe" dislocations of the acromioclavicular joint (Types III-V) that is strong enough to allow motion and still maintain the stability of the joint and healing of the ligaments? While many such systems are available, complications with this surgery are still common.
10. Why does the elbow joint get stiff so quickly after an injury? And can we prevent it? Further, if stiffness does develop in the elbow after an injury, what is the best and most effective treatment to recover motion?

*I expect solutions from everybody by no later than the end of the 21st century. — Bill Mallon, MD*




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The series of Patient Information Brochures are still available for purchase. These brochures can be used in your office to help educate patients and assist in marketing your practice. The following titles comprise the series:

**Rotator Cuff Tendinitis  
and Tears**

**The Unstable Shoulder  
Rehabilitation of the Shoulder  
Tennis Elbow**

**Arthroscopy of the Shoulder  
and Elbow**

**Arthritis and Total Shoulder  
Replacement**

The brochures are available in bundles of 25, with costs as follows: 25-200, \$.55 each; 225-475, \$.50 each; and 500+, \$.45 each. For an order form, contact **Emily Jones** at the ASES office via fax (847-823-0536) or via email: [jones@aaos.org](mailto:jones@aaos.org).

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- **Steve Petersen** informs us that he will soon be undergoing surgery for a serious medical condition and will be on leave of absence for six months. We all wish Steve well in coming through this and getting his health back and returning to the world of shoulder surgery when he is able.

- **Freddie Fu** also reports some medical problems. He writes, "In late August I tumbled across the hood of a Chevy Blazer my bicycle having been struck while I was cycling near my home. A deep open wound required emergency surgery. I am recovering and was thrilled to have been nominated to carry the Olympic Torch on its journey through Pittsburgh to the Salt Lake 2002 Winter Olympic Games. When the lit torch was passed to me on December 19 it actually gave me a chill and a feeling that I can't describe. It certainly was a memorable and unforgettable experience for this proud American." We're all glad that Freddie is fully recovered and congratulate him on carrying the Olympic Torch.

- **Joseph Zuckerman** continues to serve the orthopaedic community in his role as chair of the AAOS Council on Education. He has held this post since 1999. Joe also sends notice that he and **Kenneth Koval** received this year's OREF Clinical Research Award for their work on hip fractures.

- Affiliate member **Charles Dillman** has been appointed as chairman of the board of directors at Innovation Sports. Chuck is also a member of the International Olympic Committee's Medical Commission, and a member of the Key Strategy Task Force and the Science and Coaching Committee of the United States Olympic Committee.

- **Barbara Frieman** has been promoted to serve a two-year term as President of the Medical Staff at Thomas Jefferson University Hospital. She's the first woman named to that post in the history of Thomas Jefferson University Hospital. She has also just completed a term as the first female president of the Jefferson University Hospital Volunteer Faculty Association. She also serves as the Vice-President of the Jefferson Medical College Alumni Association.

- On another note concerning Barbara, she sends word that **Mark Lazarus**, another ASES Member, is joining her and John Fenlin at the Jefferson Shoulder and Elbow Center at the Rothman Institute, affiliated with the Thomas Jefferson University Hospital in Philadelphia. They are also starting a Shoulder and Elbow fellowship and will have one fellow starting August 2002 and hopefully two fellows beginning the following year.

- At the recent summer meeting of the British Association of Clinical Anatomists at the University of Glasgow, the Conrad Lewin prize was awarded to **Dr. Thys de Beer** (MA) of South Africa (corresponding member ASES) and Dr. J. M. Boon for their abstract on "Surgical Repair Of Rotator Cuff Tears – Revisiting The Insertion Of The Rotator Cuff On The Greater Tuberosity Of The Humerus."

- **Champ Baker** attended the recent meeting of the Southern Orthopaedics Association (SOA) in Florence, Italy (is that Southern Italy?). He was honored there by being elected as the President of the SOA for the term 2002-2003.

- **Steve Snyder** notes that he has just finished writing the second edition of his book, *Shoulder Arthroscopy*. It will be published by Lippincott, Williams & Wilkins by the end of 2002. The book will contain a DVD with four hours of video coverage of surgical techniques on shoulder arthroscopy. Steve told us, "It was a pain in the butt to do the book, but it is finished and I hope it will be of some value to people interested in one man's technique for shoulder arthroscopy."

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## MEMBER NEWS

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• **Peter MacDonald** has been promoted to full professor at the University of Manitoba. He continues as residency program director there and deputy head of orthopaedics. He and Sherry have expanded their family with the addition a black Lab, Dexter.

• On a personal note, related to the above, the Mallons, Karen and I, have also added a new family dog – Katie Colleen Mallon – KC for short. Her mother was a Lab/Shepherd mix, and her father was a sneaky neighborhood mutt.

• Getting back to academics, **Jesse Jupiter** sends word that he has been included in “Top Surgeons in America” and “Best Doctors in America.” *Now when Jesse sends this in and I have to talk about my new dog, it reminds me of an old Peanuts cartoon when they were looking at the clouds while lying on a hill. Linus asked Lucy and Charlie Brown what they saw in the clouds. Lucy said, “That cloud just overhead looks like the outline of Sulawesi, one of the islands in the Indonesian archipelago. The big one on the left above us looks like Michelangelo’s “Pieta.” The one to our right has a vague resemblance to Rembrandt’s great painting, “Aristotle Contemplating the Bust of Homer.” Linus replied, “That’s pretty good. What do you see, Charlie Brown?” Charlie could only answer, “Well, ... I was gonna say a horsie and a doggie ...”*

• **JP Warner** sends news that the Harvard Shoulder Service is welcoming a new member, Peter Millett, who trained at HSS and did a Steadman-Hawkins Fellowships. He joins JP and Tom Gill as part of the Harvard Shoulder Service based at MGH and BWH. It is an honorable service as the home of E. Amory Codman, the first person who could call himself primarily a shoulder surgeon.

• More Harvard News: **JP** notes that the Harvard Shoulder Service is soliciting applications for a full-time shoulder biomechanics PhD, at the assistant professor level (or below). Any members who know of a good biomechanical engineer interested should pass the word along.

• **Sandy Kirkley** writes from north of the border that she is currently serving as one of the AOSSM/ESSKA fellows. A great honor for Sandy.

• **Mark Frankle** was at the Biennial Meeting in Orlando and tells us that the big rumor was that Louis Bigs kicked our Past President’s butt on the golf course. We’ll try to get confirmation of this rumor for future newsletters.

## SHOULDER AND ELBOW FORTHCOMING MEETINGS

**ASES Closed Meeting** – The Inn at Spanish Bay, Pebble Beach, California – October 30 – November 2, 2002. Opening Reception – Wednesday Evening, October 30, 2002; Scientific Session – Thursday-Saturday, October 31-November 2; Black Tie Banquet – Friday, November 1.

**A New & Exciting ASES Meeting: ASES Focus Meeting** – Las Vegas, Nevada—Tentative dates are November 13-16, 2003 “The Degenerative Conditions of Shoulder and Elbow from Arthroscopy to Arthroplasty.” More specifics will be released in the near future.

**18th Annual San Diego Shoulder Arthroscopy, Arthroplasty and Fractures Course** – Hyatt Regency La Jolla, San Diego, CA and UCSD School of Medicine, June 19-22 2002. **Course Chairman:** James C. Esch, MD. For more information contact Rebecca Quiring, Course Coordinator, at (760)-940-2066 or by FAX (760)-940-6110 or e-mail at rebeccaq@home.com

**IXth International Congress on Surgery of the Shoulder** – Hyatt Regency, Washington, DC, May 2-4, 2004. Sponsored by the American Shoulder and Elbow Surgeons. **Course Chairman:** Bob Cofield.

**7th Congress of the European Society of Shoulder and Elbow Surgery (ESSE/SECEC)** will be held from September 24-27, 2003 in Heidelberg, Germany. The Congress President will be ASES Member Prof. Dr. Peter Habermeyer.

**Shoulder Surgery Controversies 2002** – Wes Nottage will be chairing the meeting to be held from October 4-6, 2002 in Costa Mesa, CA. Information is available at [www.infoburst.com/sportsclinic/meeting](http://www.infoburst.com/sportsclinic/meeting).

**19th Open Specialty Day Meeting**, February 8, 2003, New Orleans, LA. Abstracts were to be submitted by 19 April 2002, via the website at [www.ases-assn.org](http://www.ases-assn.org).

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**THE INTERNATIONAL SHOULDER GROUP MEETING** will be held on the campus of Case Western Reserve University (Cleveland, Ohio USA) June 16-18, 2002.

The International Shoulder Group is a technical working group of the International Society of Biomechanics. The meeting this year will feature a mixture of biomechanics experts and surgeons. I think that our meeting will be of interest to the membership of the American Shoulder and Elbow Surgeons Society.

– *Robert F. Kirsch, PhD, Meeting Chair*

**ISG 2002 REGISTRATION AND PAPER SUBMISSION DEADLINE IS MAY 10, 2002 !!!** Registration and paper submission can be done on-line at <http://feswww.cwru.edu/isg>. If you prefer to register by phone or fax, please contact Cathy Walker (e-mail: [isg2002@fesc.org](mailto:isg2002@fesc.org), telephone: (216) 231-3257).

**REGISTRATION:** The deadline for early registration (\$250) for the **International Shoulder Group Meeting** is May 10. After that date, registration will be \$300. This fee includes access to all conference sessions, the conference proceedings, all three meals on both June 17 and 18 (including a Lake Erie dinner cruise on June 17), a welcome reception on June 16, and a closing reception on June 18. You can register on-line at (<https://feswww.cwru.edu/isg/register/>). If you prefer to register or pay by phone, fax, or mail please follow the on-line directions or contact Cathy Walker as indicated above.

### SCIENTIFIC PROGRAM:

There will be several poster and oral sessions drawn from the submitted papers. The afternoon of June 17 will feature a special session on clinical issues with the shoulder, followed by the Keynote Address by Kai-nan An.

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**SHOULDER PATHOLOGIES AND CLINICAL INTERVENTIONS:**

- **John Chae, M.D.** (MetroHealth Medical Center and Case Western Reserve University). Neuromuscular stimulation to relieve shoulder subluxation following stroke.
- **Jules Dewald, Ph.D.** (Northwestern University & Rehabilitation Institute of Chicago). Disruption in shoulder and elbow muscle coordination following stroke: implications for therapeutic interventions.
- **Harry Hoyen, M.D.** (MetroHealth Medical Center and CWRU). Nerve transplantation following brachial plexus injury
- **Michael Keith, M.D.** (MetroHealth Medical Center and CWRU).

Surgical and neuroprosthetic approaches to restoring shoulder movement following high cervical spinal cord injury.

- **Joseph Iannotti, M.D., Ph.D.** (Cleveland Clinic Foundation). Kinematics of the normal and prosthetic shoulder, prosthetic humerus design, and rotator cuff tendon healing
- **Evan Flatow, M.D.** (Mount Sinai Hospital, New York). Pathogenesis of rotator cuff tendon rupture and prosthetic glenoid design.

**KEYNOTE ADDRESS:**

**Kai-Nan An, Ph.D.** (Mayo Clinic) Has Shoulder Biomechanic Investigation Contributed to Patient Care?

## RECENT MEETINGS

**The Specialty Day Meeting of the ASES** was held during the AAOS Annual Meeting in Dallas, on **Saturday, February 16, 2002**. There were 33 accepted papers and presentations. The Charles S. Neer Award for Basic Science was given to the paper, "Evaluation of a Rotator Cuff Defect Model Augmented with a Bioresorbable Scaffold in Goats," by John D. MacGillivray, MD, Stephen Fealy, MD, Jason L. Koh, MD, Alan Nixon, DVM, Russell F. Warren, MD and Michael Terry, MD, from the Hospital for Special Surgery, and was presented by Dr. MacGillivray. The Charles S. Neer Award for Clinical Research was given to the paper, "Can We Predict Sequelae Following Fractures of Clavicle Based on Initial Findings? A Prospective Study with 9-10 Years Follow Up," by Jan Nowak MD, Margaret Holgersson, PhD, and Sune Larsson MD, PhD, from the Department of Orthopaedics in Uppsala, Sweden, and was presented by Dr. Nowak as the opening paper of the meeting. Congratulations to all involved.

The Specialty Day Meeting had an Instructional Course Lecture given by Ben Kibler on "Distant Physical Exam Findings Associated with Shoulder and Elbow Injuries." There were several How-To Videos. Jeff Abrams presented on "Arthroscopic Plication of the Glenohumeral Capsule," Shawn O'Driscoll on "Lateral Collateral Ligament Repair in Acute Trauma," Tom Norris on "Exposure of the Glenoid for the Total Shoulder," Mark Frankle on "Tubercle Fixation in Hemiarthroplasty for Proximal Humerus Fractures," and Herbert Resch on "Percutaneous Reduction and Minimal Fixation for 4-Part Fracture of the Humerus." Richard Hawkins chaired a Symposium in the afternoon on "Examination Findings for SLAP Lesions," with presentations by Chris Jobe, Steve O'Brien, Ben Kibler, Buddy Savoie, Steve Burkhart, and Shawn O'Driscoll.

**The Third Biennial Shoulder and Elbow Meeting**, jointly sponsored with the American Academy of Orthopaedic Surgeons and the American Shoulder and Elbow Surgeons, was held in Orlando, Florida, **April 4-7, 2002**. The meeting was a combination of faculty presented papers and invited scientific papers, along with symposiums, mini-debates, case presentations and panel discussions. The faculty chairs for this course were Louis U. Bigliani, MD, John M. Fenlin, Jr., MD, Evan L. Flatow, MD, Tom R. Norris, MD and Jon J.P. Warner, MD. Faculty of the course included Prof. Dr. Sergio L. Checchia, Robert H. Cofield, MD, Neal S. ElAttrache, MD, Gary M. Gartsman, MD, Christian Gerber, MD, Joseph P. Iannotti, MD, PhD, Jesse B. Jupiter, MD, Bernard F. Morrey, MD, Robert J. Neviaser, MD, Shawn W. O'Driscoll, MD, PhD, Herbert Resch, MD, Charles A. Rockwood, Jr., MD, Stephen J. Snyder, MD, Russell F. Warren, MD and Joseph D. Zuckerman, MD.

The course included the following topics: Shoulder Arthritis and Elbow, Rotator Cuff, Elbow, Fractures and Instability. Symposiums were conducted on Shoulder Arthritis, Elbow 1, Elbow 2, Proximal Humerus Fractures, Scapula FX's & AC/SC Injuries, Glenohumeral Instability, Controversies in the Throwing Athlete and Stiffness, Scapula & Nerves. There were also 35 scientific papers presented during this meeting.

Attendance for this meeting was high, with the final number of paid registrants reaching 461. The meeting was a great success and a big thank you goes to everyone involved.