



President's Message

John Basti

I hope everyone is doing well and getting into the spirit of the coming Holidays.

I think back to the beginnings of our Society and have a wonderful feeling of how we have developed. The majority of the people who came to our first meeting eleven plus years ago to see what this "shoulder society" was all about back in Vail continue to be active and contribute for the good of us all. I think back to some of the ups and downs of our gatherings over the years and how they have eventually balanced out. Our "growing pains" have always been constructive not destructive. I think this is due to the spirit of individual giving that has evolved in our society which is the crux of what makes us so special. As we slowly grow, this spirit is evident to all who have joined us and will be felt by all who will join in the future. I think of the friendships shared, the fellowship felt, the professional excellence surrounding us all, and realize how truly unique you all are. I am very proud and fortunate to be a part of this wonderful *family* of dedicated professionals. I hope everyone has a safe, loving, and fun filled *Holiday Season* and a *Happy New Year*.

Annual Meeting- Seattle 2002

The meeting in Seattle was a great success. The planning of our first one day rotator cuff course combined with the planning of our traditional meeting was a monumental task. I would like to take this opportunity to extend our thanks and appreciation to Sarah Jackins, Dr. Matsen, Dr. Smith, Dr. Sidles and the University of Washington for giving of their time and facilities that made this meeting possible. Sarah as usual was "Super Woman" with the planning, coordination, and logistics of all the events. I am sure that those who attended would agree that all the accommodations, especially the hotel and dinner outing, were terrific. The education facilities, the use of the anatomy lab, and the presentations of the surgeons, Dr. Sidles, and our members contributed to the excellence of content for both meetings. Thanks again Sarah and the Seattle group! I would also like to thank the Executive Board (especially Basil for the extra effort, running around Seattle on last minute details), research and education chairs and committee members for doing an outstanding job of developing the curriculum for the closed meeting and one day

course. Jean O'Tool is probably still dreaming of the many drafts she sent to us as she developed the content of the cuff program. Great job Jean, Betsy and the rest of the committee members. It was a great success. The income from the course will add to our treasury and give us some financial "breathing room". Tim Uhl and Wendy Burke have the final number of what the one day course yielded and will be sharing it with us in the Treasury Report. I think the presentation of a one day seminar was very valuable, and we will discuss the possibilities of future presentations at the mid-year board meeting. I salute you all for a job well done.

2002 Founders Award

Congratulations to Tim Uhl for being this years recipient of the Founders Award. In recognition of his spirit of adventurous vision and persistent dedication in assisting this groups venture to reach truly new and unique destinations. We thank him for his unselfish sharing of his academic as well as clinical skills and for his fellowship. Congratulations Tim!

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President's Message

John Basti

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Annual Meeting- Ritz-Carlton, Dana Point, Calif. 2003.

Our next meeting will be held just north of San Diego at the Ritz-Carlton, Laguna Niguel on Wednesday October 8th thru Saturday October 11th 2003. The resort, as usual, is very well appointed and similar to what we have experienced in the past. It's located on a 150 ft. bluff overlooking the pacific. It's an AAA Five-Diamond Resort and offers a fitness and massage center, golf, tennis, and many other amenities. The cost of a room is \$275.00 a night, which is up there. I am sure people can arrange to room together to help with the expense. Staying at the resort does help with the cost of the total meeting. It is as nice as, if not nicer than, the Ritz in Amelia Island. Hopefully, we can arrange the meeting so we can take advantage of this beautiful resort. More information will be forthcoming as we get closer to the meeting dates. So save the date and your pennies.



International Meeting - Washington D.C. May 2-5, 2004

The First International Meeting of Shoulder Therapist will take place in Washington in May of 2004. I have been speaking to Dr. Cofield, Chairman of the ICCS (International Congress of Shoulder Surgeons) meeting. He and his committee are fully supportive of our meeting and will provide full financial support by supplying the advertising, mailings, meeting rooms etc. The cost for therapists to attend will be similar to the cost for the AAOS Conference. Sounds great! The Co-Chairs of research are Ann Mackey (England) and Basil Baccash. The co-Chairs of education are Jo Gibson (England) and Sarah Jackins. We have developed the first draft of the program which will run for three morning sessions. The format for each session will include a keynote speaker, research paper presentations, and an instructional component followed by a panel discussion. The topics to be presented are as follows:

- 1) Dynamic Movement of the Shoulder
- 2) Functional Instability of the Shoulder
- 3) The Stiff Shoulder

We have a considerable amount of international interest from a number of shoulder societies and individuals abroad. The method for submission of

abstracts and educational material has not been established yet. You will be notified.

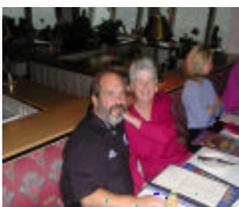
ASSET has a great pool of talented individuals and we need your help. I think this meeting will open the door to an international tradition. It's a great opportunity for international fellowship and exchange for all to be a part of. If you are interested in being involved in the planning and orchestration of the meeting please contact Basil, Sarah, or myself. We can use all the help we can get.

Mid Year Board Meeting

To the executive board and members at large and committee chairs... The mid year board meeting will be tentatively held in New Orleans during the AAOS meeting at the New Orleans Riverside Hilton in the early afternoon on Thursday, February 6th or Friday, February 7th, 2003 in my room. Further information on the exact date and time will follow as we get closer to the meeting.

Well that's it for now. If you have any questions about the above or about our society activity, give a call. If I don't know the answer I'll find out.

ANNUAL MEETING HIGHLIGHTS



Secretary/Treasurer Report

Tim Uhl

2002 ASSET Annual Conference Seattle, Washington

We had a great meeting in Seattle. We had 25 members attend the 2 day meeting and 80 colleagues joined us for our 1 day course focusing on rehabilitation of rotator cuff injuries. Sarah Jackins PT, our president and our good friends from The University of Washington Department of Orthopaedics and Sports Medicine hosted us. A great time was had by all.

At our Business Meeting our Executive Secretary joined us and we all got to meet Jean Evans who is our executive secretary, she was there to assist us with the one-day course. Jean was a huge help and allowed the membership not to be tied down to doing the check in during the big one-day course.

We had \$16, 900.00 in our bank account as of the end of September. From the annual conference and the one-day course we grossed \$13,775.00. Most all of the bills have been paid at the time of this report we our pleased to report a net profit of \$7,731.00. A thanks goes to the hard work of Sarah Jackins for arranging the sight of the meeting and our Education and Research Committee for organizing a great annual course. A special thanks goes to Jean O'Toole and Aimee Sietz for organizing the one-day course. A big thanks goes to all the presenters especially Dr. Rick Matsen, Dr. Kevin Smith, and Dr. John Sidles from The University of Washington for their excellent presentations. This certainly goes a long way to increasing our operating budget and allows more

opportunity to do projects to help our membership.

One issue that was discussed and is being investigated to make life easier for the membership is to make it feasible to submit registration and membership dues by Visa credit card. Wendy Burke our new Secretary-Treasurer is investigating this with Jean Evans. Following the closure of the annual conference Wendy Burke will take off control of the office of secretary/treasurer. After receiving all of the expenses and paying these expenses from the annual conference the funds of ASSET will be transferred to Fidelity to a money market account so that funds can start to accrue interest to give us more capital to operate with.

Rich Muscatello reported on the nomination process and election of new officers. He reported that more people were willing to participate over years past. This is encouraging since we have a small but active group. The new officers are: President-elect Brian Leggin, Secretary-Treasury Joe Gianoni, Member-at-large – Jean O'Toole. A new nominating chair will be appointed by the executive board to replace Rich Muscatello who has served in this capacity for the last several years. President Jackins acknowledged Rich for the excellent job he has done as nominating chair.

Dorcas Beaton has developed a method to track the requirements of membership. She is working on putting this into a database that will make it easier to track who needs to run for offices or present at future meetings.

Brian Leggin and Lori Michner presented a joint research project to

incorporate the entire membership in a research project on adhesive capsulitis. This sounds very feasible and we are hoping for a lot of assistance with this project.

Several bylaws issues need to be addressed so that the procedures being followed by the organization are in line with the bylaws. The president-elect is chair of the Bylaws Committee and Tim Uhl have agreed to work on bring our bylaws in line with the current functional state of ASSET and the way it is doing business.

Two important upcoming meeting ASSET will be involved with in the 2003 Annual conference which will be held at the Ritz-Carlton Laguna Niguel, Dana Point, California from October 7-12, 2003. The other meeting is the 9th International Congress on Surgery of the Shoulder Meeting held at the Grand Hyatt in Washington, D. C. from May 2-5, 2004.. John Basti, Basil Bacash, and Sarah Jackins have meet with physiotherapists from the United Kingdom regarding our involvement. They both should be a great meetings please make a note of these meetings on your calendar.

Dorcas Beaton shared with the membership the recent and untimely death of Dr. Sandy Kirkley. It was recommended by Mike Shaffer to make a donation in honor of Dr. Kirkley, probably a donation to their foundation.

At the close of the meeting Dorcas Beaton and Tim Uhl were recognized as outgoing officers. This years Founders Award was awarded to Tim Uhl, then the meeting was adjourned.

REMINDER: ANNUAL MEMBERSHIP DUES ARE DUE JANUARY 31ST, 2003

Website Report

Tim Uhl

The website committee is Tim Uhl, Phyllis Sherman, Basil Bacash, Mike Shaffer, and Ameer Sietz. The website has gone through a lot of transition over the last year, we now have the ability to update information at will with no charge. One issue that was a problem is the funny URL name. We have made an arrangement with

Project Design our original website designers. For an annual fee of \$100.00 they will allow us to maintain the webpage WWW.ASSET-USA.ORG which links directly to the site maintained by the website committee through the University of Kentucky. We are happy since this name better represents us and we are now trying to get our site linked

with other association sites. We are looking for ideas from the membership for information to be put on the website one recommendation from Basil was to put home exercises on the web page so we can access for our patients. Any suggestions or ideas please contact our webmaster Tim Uhl at tluhl2@uky.edu.

Education Committee

Betsy Anderson

Congratulations to the membership of ASSET for successfully sponsoring, hosting and executing "The Challenge Of The Rotator Cuff" immediately following our annual meeting in September. A huge thanks to everyone who participated. Presentations by the University of Washington physicians and by ASSET members were outstanding and comprehensive. Before the 2003 annual meeting, I would like for those of us on the Education Committee to review the data that Sarah collected from the feedback forms as well as input provided by the membership to

make suggestions for future courses should we again decide to sponsor a public instructional forum. Please let me know your thoughts about how things went as soon as conveniently possible.

'Tis the season to begin thinking about next years' presentations. For those of you who are due to present, I will be contacting you soon. For others who want to share something interesting before it's officially your turn, your enthusiasm as always appreciated!

The main topic at this year's annual meeting was "stiff elbows." We had excellent presentations that led into a couple of spirited roundtable discussions. Next year we will offer as much opportunity for this as possible. Are there any suggestions for a topic for our next meeting? Past topics have included such things as adhesive capsulitis, the rotator cuff, and sport-specific issues.

Thanks and happy holidays with best wishes for 2003.

Current Concepts

Tim Uhl

Clarifying Confusing Wordings

One of the hardest things for me to keep straight is the meaning of sensitivity and specificity. It is often discussed in our literature but can be easily confused. In attempting to teach this I have used several techniques to try to explain it. I would like to share a technique taught at one of

ASSET conferences with you. This great explanation came from our colleague Dorcas Beaton that shared this with the membership at the annual meeting in 1996. The terminology is primarily used in describe the ability of a clinical test to identify a pathology. Let us assume we have a clinical test to evaluate the presence of anterior instability of the glenohumeral joint. For

the purposes of this example we will use the relocation test.

First to evaluate the sensitivity or specificity we must use a "gold standard" to compare to that actually indicates the pathology. Typically in the orthopedic world the diagnostic test is confirmed or refuted at the time of surgery. So for this example we will

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Current Concepts

Tim Uhl

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use a gold standard of open surgical intervention. Therefore our clinical findings will be compared to the actual surgical findings to determine the sensitivity and specificity.

Let us assume we have 50 patients that undergo surgical intervention. 32 of the 50 are found to have an actual anterior instability. The remaining 18 did not have anterior instability. On our clinical examination we found that 20 subjects had a positive relocation test and 30 subjects did not. This can be represented in the margins of a table that represents how sensitivity and specificity can be calculated.

	Surgical confirmation of anterior instability	Surgical finding of no anterior instability	
(+) Clinical test for relocation	A	B	20
(-) Clinical test for relocation	C	D	30
	32	18	

The letters in the above table represent a number of subjects that fall into each cell. This would have to be determined following the surgical assessment.

- A= True positives (positive clinical test, positive surgical finding)
- B = False positives (positive clinical test, negative surgical finding)
- C = False negative (negative clinical test, positive surgical finding)
- D = True negative (negative clinical test, negative surgical finding)

In our example, which is totally artificial, the numbers I have generated represent the findings of our evaluation. For example 20 people had + relocation test but only 15 of those same patients were found to have anterior instability on surgical inspection. 5 of the subjects with positive clinical findings did not have surgical findings of anterior instability. We stated 30 out of 50 had negative relocation signs but 17 of these 30 subjects were found to have anterior instability at surgery.

Sensitivity by definition is calculated by dividing all the true positive (A cell) by all the positives of the "gold standard" this would be (A + C cells). For this example it would be $15/15+17 = .47$. Therefore in this example the

	Surgical confirmation of anterior instability	Surgical finding of no anterior instability	
(+) Clinical test for relocation	A = 15	B = 5	20
(-) Clinical test for relocation	C = 17	D = 13	30
	32	18	

sensitivity of the relocation test is 47%. A low sensitivity indicates that the clinical test does not identify the true pathology well. A high sensitivity would be present if there was a greater number of true positives (A cell) and less false negatives (C cell).

Specificity by definition is calculated by dividing all the true negative (D cell) by all the people who truly did not have anterior instability at the time of their surgery. In our case this would be $13/5+13 = .72$. Therefore in this example the specificity of the relocation test is 72%. A high specificity indicates that the test in this case the relocation has few false positives 5 out of 18 in this example. Therefore, a test with high specificity rarely produces false positives and you can be somewhat comfortable in ruling out anterior shoulder instability in our artificial example. Of course a perfect test with 100% specificity and sensitivity would put all 32 patients with anterior instability by surgical inspection in cell A ($32/0+32 = 1$ or 100%) and all 18 patients without instability by surgical inspection in cell D ($18/0+18 = 1$).

I hope this has not confused you more if you have further interest in understanding this and other terms like positive and negative predictive values I would refer you to Dorcas Beaton's presentation from 1996 Usefulness of Clinical Assessment Findings or the reference list of below. References from Dr. Beaton's lecture.

1. Fletcher, RH, Fletcher SW, Wagner EH. Clinical Epidemiology, The Essentials. Baltimore, Williams & Wilkins, 1996
2. Shekelle PG, Andersson G, Bombardier C. A brief introduction to the critical reading of clinical literature. Spine 19:2028S – 2031S, 1994
3. Feinstein AR, On the sensitivity, specificity and discrimination of diagnostic tests. Clinical Pharmacology and Therapeutics 17(1):104-116.

Research Committee

Brian Leggin

This has been an exciting year for the research committee. The quality of research presentations was once again outstanding at this year's meeting. Congratulations to all who presented and continue the great work!

In addition to the research presented by members, the Research Committee has decided to initiate a Clinical Research Network (CRN) among ASSET members. This past February we sent out an e-mail to determine the interest of members in participating in a CRN. People responded with varying levels of interest ranging from those interested in collecting data as part of a study, to those having a research question, to those who will serve as research mentors.

Lori Michener has undertaken the task of creating and implementing the CRN and initiating our first study. I want to take this opportunity to thank and acknowledge Lori for all the work

she has put into developing this for our members. The first project of the CRN is a rekindling of the adhesive capsulitis study Sarah Jackins attempted a few years ago. I want to thank Sarah for her vision and foresight in regard to this project. This study will attempt to investigate the treatment outcomes of patients with adhesive capsulitis, undergoing physical or occupational therapy. The results of the study will be used to describe the patients both before and after treatment. Lori Michener and Mike Shaffer are the Team Leaders for the project. Their job is to answer questions regarding study design or data collection. Wendy Burke and Joan Boesel are the Facilitators for the project. Their job is to perform periodic 'check-ins' with participants and to act as a 'reminder' for data collection. Dorcas Beaton and Tim Uhl are Mentors for the project. They will facilitate data analysis and presentation of the results. It is the goal of the committee to complete data collec-

tion by June 2003 and present the results at our next meeting in the fall! Lori has put together an easy to follow flow sheet and data collection packet to make it almost painless to enter patients into the study. If you are interested in participating, but have not received a packet, please contact Lori ASAP at lmichene@hsc.vcu.edu or (804) 828-0234.

It has been an honor and pleasure to be research committee chairperson over this past year. Because I have been elected to the position of president-elect, I will not be able to fulfill the second year of my commitment. However, I am pleased to welcome Lori Michener as the new research committee chairperson. This is a natural fit given Lori's research experience and her work on developing the clinical research network. Please join me in supporting Lori and the rest of the Research Committee.

Past President's Report

Sarah Jackins

The annual ASSET meeting in Seattle, September 18-21, 2002, went off very well. It's production and success is due to, once again, the efforts of our group, of many people. Each year we try different things. This year we tried having our meeting apart from the annual meeting of the surgeons' group, ASES. This was stimulated primarily because of the expense of their location in Pebble Beach. While we knew we would greatly miss their presence, we also had been contemplating a course for a therapist community, and this gave us the chance to do that in a

university setting, where the costs are more reasonable. Personally, I had been hoping to have the ASSET meeting in Seattle again sometime, so it was fun for me to have this happen.

The ASSET members' Educational Meeting on Thursday focused on the elbow and on Friday there was a wide variety of research topics presented. For the specifics, please click on "Annual Conference" on the ASSET website, "Management of the Elbow." Included this year was time in the anatomy lab, led by one of the shoulder/

elbow surgeons, Kevin Smith, M.D. On Saturday, we had the one-day course, "The Challenge of the Rotator Cuff." The schedule for this is also on our website. This course came off very well. Particular thanks go to Jean O'Toole, Jean Evans, and Betsy Anderson and the Education Committee. They put together a well-organized course with excellent breadth and depth. The reviews from the attendees were very positive. I'll be sending the tabulation of these to Jean O'Toole, Jean Evans, and Betsy, as well as the

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Past President's Report

Sarah Jackins

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individual comments to each speaker. These will assist us in planning any future courses. So, educationally, it was certainly a success. The treasurer's report will let us know how it went financially.

My thanks to everyone in ASSET for a wonderful and supportive year. This group is so great to be a part of.

Everyone pitched in to help at the annual meeting – as soon as each person arrived they were offering to help – this really made the event possible. It was really good to have Jean Evans here – she helped us a lot and we all enjoyed meeting her. I'm very appreciative of her taking the time to come out here. Tim Uhl managed not only the finances for the meeting, but also was the main AV guy, and it went really smoothly.

We've got lots going on presently. John Basti is organizing our efforts to participate in the international shoulder conference in 2004. Not to mention the inauguration of the ASSET Clinical Research Network with the adhesive capsulitis study, which Lori Michener presented at the Annual Meeting. Hooray!

Best wishes to all in the New Year!

2003 ASSET BOARD/OFFICERS

President	John Basti
President Elect	Brian Leggin
Secretary Treasurer	Wendy Burke
Secretary Treasurer Elect	Joe Gianoni
Member-at-Large	Dorcas Beaton
Member-at-Large	Jean O'Toole
Research Chair	Lori Michenor
Education Committee	Betsy Anderson

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