
Endourological Society

NEWSLETTER

Endourological Society Report

August 2015



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Report from the President:



Dear Society Members,

It has been a privilege and an honor to serve as the President of the Endourological Society over this past year. My tenure will culminate with our annual meeting in London October 1-4. I would like to thank all of the members of the Executive Committee and our various other committees of the Endourological Society for their hard work and contributions over the last year. In particular, I would like to acknowledge Drs. John Denstedt and Stephen Nakada, our treasurer and secretary general, for their tireless efforts on behalf of the Society. Michele Paoli and Debra Caridi are the glue that hold the Society together and I am very grateful for all of their help and kindness.

The London meeting will begin the tenure of our incoming secretary general, Dr. Margaret (Peggy) Pearle. Peggy is well known to all of you and we are very fortunate to have someone of her talent and stature serving in this critical role for our organization. I have no doubt that the Society will continue to thrive under her tutelage.

Our upcoming meeting in London should prove to be an exciting and stimulating event, both academically and socially. London is, of course, one of the great cities of the world. We have an excellent venue and our usual comprehensive program covering all aspects of minimally invasive of urologic surgery. This year our meeting will be held in conjunction with the British Association of Urologic Surgeons and is under the capable leadership of Drs. Abhay Rane and Adrian Joyce. Our past president, Dr. David Tolley, has also been very active in helping to support the meeting. I am anticipating that the meeting in London will be a grand event!

I look forward to seeing you in London!

Regards,
James E. Lingeman, M.D., FACS
President



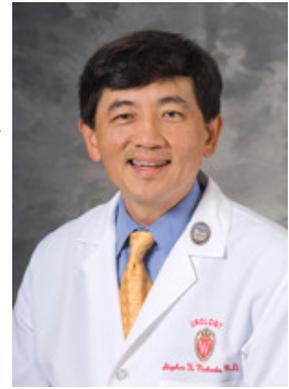
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Founding President
Arthur Smith, M.D.

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James Porter, M.D. (SURS)
Ben Chew, M.D. (Young Endourologists)
Raymond Leveillee, M.D. (E&U)
Arieh Shalhav, M.D. (E&U)
Abhay Rane, M.D. (NOTES & LESS)
Ravi Kulkarni, M.D. (Urological Stents)
James Borin, M.D. (Image Guided)

Report from the Secretary General:

I hope the newsletter finds all of you doing well and enjoying the summer. We are all looking forward to the upcoming WCE in London, England, October 1-4. Dr. Abhay Rane, Dr. Adrian Joyce and the organizing team is working on a wonderful meeting for all of us. The scientific sessions are robust; specifically, there are unique sessions including 'Balloon Debates,' 'Better Than Live' video sessions, the usual panel sessions and some really unique state-of-the-art lectures. A lot of effort has gone into what appears to be a very strong program.



Since the spring the Society has had a busy summer. Under the leadership of Dr. Glenn Preminger and Dr. Adrian Joyce, the Society has crafted agreements for Endourological Society- approved courses in Argentina and in Asia. These courses will primarily initially focus on endourology and stone disease, but we predict eventually they will involve laparoscopy and robotics as well. All Endourological Society courses are under strict protocols for proper scientific and programmatic sessions, including both hands-on and didactic video sessions. In addition, please let us know if you are interested in serving as some of the international faculty for these courses. The Society is co-sponsoring these courses with the local organizers with the assistance of the ERASMUS group. We also have begun collaboration with the Stone Institute for international courses.

It is hard to believe I am in my last few months as your Secretary-General. It has, indeed, been a most exciting, challenging and invigorating time! I believe the Society has made some strides these past six years and it is due to your support. Specifically, here is a list of some of the new initiatives we have undertaken since I have taken over as Secretary-General:

- Establishment of Young Endourologist's committee, society, and lectures
- Establishment of the Director of Education position and international endosociety-sponsored courses
- Establishment of meeting services agreements for all World Congresses starting in Cape Town, South Africa
- Establishment of world-wide rotation for Endourological Society meetings
- Increasing membership internationally
- World Endo initiative including World Endo Committee
- Establishment of two co-sponsored AUA research scholarships
- The Clayman Mentor Award
- The Global Education Committee
- The Finance Committee

Of course, the majority of these initiatives were not mine but New Story initiatives established by the Executive Committee and the Board. In particular, I must thank Dr. John Denstedt, Drs. Arthur Smith, Ralph Clayman, Glenn Preminger, Jean de la Rosette, and finally Michele Paoli and Debra Caridi for their loyalty and support. Finally, I am most delighted that Dr. Margaret S. Pearle will be succeeding me as secretary-general starting at the end of the London meeting. I know you all know her very well, and she is very well equipped to move us to the next level in the coming years here in the Society. Once again, thank you for entrusting me with the Society. I look forward to seeing you all in London.

Stephen Nakada, M.D.
Secretary General



The Endourological Society extends several privileges to its members:

- Online access to Journal of Endourology and Part B, Videourology
- Certificate of membership
- Periodic notification of scientific meetings, essay contests, endourology and laparoscopy fellowship programs
- Information regarding job opportunities
- Reduced registration fee at the WCE annual meetings

To learn more about the Endourological Society, please visit our website: www.endourology.org

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Report from the Global Education Committee:

The Global Education Committee (GEC) continues to focus on comprehensive global educational activities to foster the growth of minimally invasive urologic surgery. In addition, the GEC works closely with the Endourological Society Education Training Site Committee, which validates and certifies all Endourological Society-approved educational courses. Please be sure to visit the Endourological Society website to register your endourology course with the Society (<http://www.endourology.org/course-certification/>)



The GEC will be sponsoring a hands-on endourology training course in Hong Kong in October (put dates and web address here). This interactive two-day training opportunity will provide extensive hands-on experience with ureteroscopy, semi-rigid and flexible, percutaneous nephrolithotomy, various stone lithotrites, and holmium laser stone fragmentation.



Additional hands-on training courses are being scheduled in Latin American and Asia for 2016. The future aim is to run 4 courses per year, covering Asia, Eastern Europe, India and the Middle East and Latin America. The committee would welcome applications from dedicated trainers in these regions with a view to both assisting with such courses as local faculty and possible hosting of the courses in future. Check the Endourological Society website for further information and regarding these exciting educational opportunities.

Respectfully submitted,

Adrian D. Joyce and Glenn M. Preminger



33rd World Congress of Endourology and SWL

**1st – 4th October 2015
London, England**



Time is flying by, and the next World Congress of Endourology is just around the corner. Preparations for this meeting have been somewhat challenging, but I am happy to report that we are now ready to host you in London in October.

I had discussed the programme in the last newsletter so will not recant now; this is now available on the website (wce2015.com). As you can see, the varied programme has something of interest for everybody; besides the usual clinical subjects, we also have sessions on simulation, patient safety plenary modules and peeks into the future. We have some of world's top clinicians engaged in controversial debates and discussions, both in endourology and robotics; I am sure that there will be fireworks!

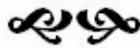
I am delighted to report that a record number of 1458 abstracts were submitted for this meeting. The Scientific Committee has spent the last few days finalising the allocation of sessions and appointing moderators. For the poster sessions, we will have e-posters that will allow embedded video to run concomitantly thereby allowing for

more audience interest and interaction. For the video sessions, the video presenters have the unique option of presenting in either 2D or 3D. Finally, we have a set of unmoderated posters that can be accessed on demand from a number of stations set up within the venue.

I am hugely grateful to the several hundred Faculty who have agreed to give graciously of their time to help run this meeting, as well as to Adrian and my colleagues in the Scientific Committee for their unstinting help with the day to day tasks of getting this meeting into the great shape that it is in today. I would also like to acknowledge the help and advice that Michele and the Executive Committee of the Society have given whenever necessary. Finally, the Events Team at BAUS have worked very, very hard for long hours to get the logistics behind WCE2015 just right: they really are the true stars of the show.

Thank you for giving us this unique opportunity to host you in London; we look forward to your company in a few weeks time!

Abhay Rane, OBE
Congress President



2015 - 2016 'Joseph Segura'
Scholar in Endourology and
Stone Management

Yasser Noureldin, M.D., PhD
Project Title: "Endourologic
Technical Skills Transfer from the
Virtual Reality Environment to the
Operating Room"
Institution: McGill Univ. Hlth. Ctr.
Mentor: Sero Andonian, M.D.



Social Media Update - Brian Duty, M.D.

In September of 2013 the Endourological Society's Twitter page went live. Since then the society's Twitter feed has provided urologists with a concise means of staying up to date on important news pertaining to minimally invasive urology.

Every month four to six Journal of Endourology manuscripts are highlighted in full text on the feed. Twitter is an ideal venue for urologists to discuss these studies with colleagues. The society's page also connects clinicians from around the world, helping to foster clinical and research collaboration.

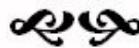
The annual AUA meeting is rapidly approaching. It's physically impossible to attend all the lectures, courses and presentations pertaining to endourology. Catch what you missed and hear what other providers are saying about sessions you attended by following the society's Twitter feed.

At present the society has 843 followers. If you have not signed up for Twitter we highly encourage you to do so. We hope to be a 1000 strong by the meeting in New Orleans! Thank you.

Recipients of the 2015
"Summer Student
Scholarship

Cameron Edwin Alexander
Research Project: "The Learning
Curve for Shock Wave Lithotripsy
(SWL: Outcomes from National
SWL Database of New Zealand)" to
be carried out at the Oxford Stone
Group under the direction of Dr.
Benjamin Tuney

Tony Chen
Research Project: "Pre-Clinical
Evaluation of a Novel
Intracorporeal Lithotripter" to be



carried out at Duke Univ. Sch. Of Med. under the direction of Dr. Glenn Preminger

Kyle Spradling

Research Project: "Preoperative Planning of Percutaneous Nephrolithotomy Using Three-Dimensional (3D) Printed Models of Complex Kidney Stones" to be carried out at the Univ. of California, Irvine under the direction of Dr. Jaime Landman

Society of Urological Robotics Surgeons (SURS)

Hellos from SURS!

Our section meeting at the AUA in New Orleans was well attended and featured several stimulating and informative talks. By all the feedback received the meeting was a great success and I want to thank all the speakers and attendees for their contributions to improving our understanding of robotics.

We started the session focused on robotic training and program development and was lead off by Tom Lendvay from Seattle Children's Hospital and his work on crowd sourcing to evaluate surgeon technical competence. This novel assessment platform uses online "crowd workers" to grade surgeon technical skill based on case video review using the GEARS criteria. Surprisingly the crowd evaluations matched expert review with a correlation coefficient of 0.92. This is impressive when you consider the crowd can turn around the video review in less than 24 hours and it took the experts over 3 weeks for the same number of video.

We then heard from Jay Bischoff from Intermountain Health in Salt Lake City who shared his experience with assessing outcomes with robotic procedures in their health care system. They have spent over 3 million dollars to create a robust data evaluation platform and the bottom line is that experience makes a difference in outcomes and they are making efforts to consolidate surgeon experience.

Society of Urological Robotics Surgeons (SURS) (continued)

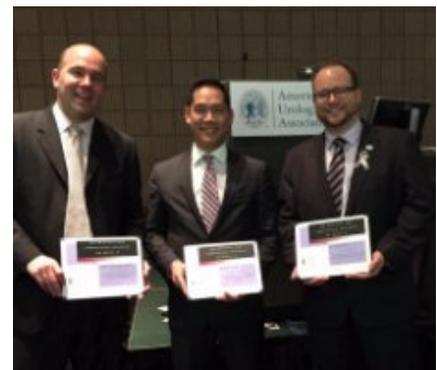
The next session was on prostate cancer and Nicolo Buffi from Milan, Italy described their use of intraoperative assessment of surgical margins using the Neurosafe technique. They have found this evaluation tool to reduce overall positive margin rate and allow more patients to receive nerve preservation than prior to the technique. Next we listened to Vito Pansadoro from Rome describe the intriguing completely posterior or Retzius sparing approach for robotic prostatectomy. While this technique looks challenging even in experienced hands, the 100% immediate continence rate is compelling and will require broader application for confirmation. The final presentation of the session was a spirited debate by Doug Dahl from Boston and Tom Ahlering from UC Irvine comparing laparoscopic to robotic prostatectomy. Again, it appears that experience is more important than approach with both presenters showing commendable outcomes. There was no clear winner.

The next topic covered was robotic renal surgery and Alex Kutikov from Philadelphia presented a decision making model for patients with renal masses taking into account patient factors such as age, comorbidity, life expectancy and tumor characteristics. Paul Russo from Memorial Sloan Kettering then made a case for open partial nephrectomy in select patients and reminded us of the oncologic consequences of poorly performed surgery. Finally, Michael Stifelman from NYU presented a mature experience with robotic partial nephrectomy and some of the technical improvements that have expanded the number patients receiving nephron sparing surgery despite challenging tumor location and size.

The session ended with a thorough overview by Monish Aron from USC in Los Angeles on their growing experience with robotic cystectomy with

Congratulations To Dirk Lange, M.D.

Who was awarded 1st Place for Best Presentation/Project on "Accelerating Recovery of Normal Ureteral Function Following Obstructive Uropathy" Presented on May 17th, 2015 at the Investigator Forum at the AUA Annual Meeting in New Orleans!



intracorporeal diversion. He was able to clearly demonstrate the evolution of intracorporeal diversion and this is now a reproducible procedure with acceptable morbidity.

We then closed with the SURS business meeting and Steve Nakada joined us to discuss how we might further increase the role of SURS in the Endo Society. The session concluded with a plan to address these issues at the World Congress meeting in London.

Which brings me to inviting you to the SURS section meeting at WCE in London. The SURS session is scheduled for Thursday October 1 from 12:00 to 16:30. We have an outstanding program planned at this venue with speakers from mostly Europe and the UK. This should be a great opportunity for collaboration and exchange of ideas for those interested in robotic urologic surgery.

I look forward to seeing you all London!

Best Regards,

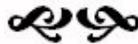
James Porter President, SURS

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Clinical Research Office of the Endourology Society (CROES) - Invitation to Join Endourology Innovations

CROES has created a platform that facilitates research through the global network of CROES. During the past 7 years close to 400 centers have participated in different projects. The initial study on PCNL was most successful and finalized with 28 publications. At present the CROES office is extensively mining the databases of the Global URS and the global Renal Mass study and thus far an increasing number of manuscripts are published and more are in preparation. Outcomes from these analyses provided new insights and contribute to the foundation of our knowledge in endourology.



We have launched several new CROES projects: A RCT and a registry on IRE for PCa, a RCT on SPIES in NMIBC and a Registry of UTUC.

The first patient has been included in the RCT on IRE for Focal therapy in patients with localized PCa and was successfully treated with IRE. Also the first two patients have been included in the registry. CROES welcomes colleges to join the IRE registry and thus collect real life data on IRE treatments. With their help we will be able to obtain insight in indications and outcomes and learn from that. Moreover those colleges will be able to receive feedback from their outcomes compared to performances from other colleagues. Thus we will be able to provide the best possible care to our patients that are possible candidates for Focal Therapy using IRE.

For the Registry of the UTUC we invite all colleagues to join us. Any patient requiring treatment for an upper tract tumor can be included. Treatment can be an open nephroureterectomy or by laparoscopic or robotic approach. But treatment can also include conservative treatment by Retrograde Intrarenal surgery. It does not matter how many cases you include: 1 or 10 per year, as long as consecutive cases are included. We aim to enter cases for the oncoming 5 years and have at least 5 years follow up. Currently close to 70 centers have already started inclusion and we aim to have 200 center involved in this project.

Finally I look forward to welcome you during the oncoming WCE in London for the CROES Reception. The CROES Investigators Meeting will take place on Friday October 2nd at 15.30 hrs at the Crowne Plaza Hotel. We

invite all participants and those interested in new CROES projects to discuss with us in an informal setting. At this meeting we will also introduce the new chair of CROES.

Please feel free to contact the executive director of CROES Mrs Sonja van Rees Vellinga (info@croesoffice.org) if you are interested to join any of our projects or if you would like to attend the CROES Investigators Meeting at the WCE.

Jean de la Rosette, M.D.
Chair, CROES



Journal of Endourology
Editorial Box:

Ralph Clayman, M.D.
Arthur Smith, M.D.
John Denstedt, M.D.

We are pleased to highlight the 'top read' articles over the past few months in the *Journal of Endourology and VideoUrology*:

Journal of Endourology:

Melatonin Attenuates Unilateral Ureteral Obstruction-Induced Renal Injury by Reducing Oxidative Stress, iNOS, MAPK, and NF-kB Expression, Emin Ozbek, Yusuf Ozlem Ilbey, Mustafa Ozbek, Abdulmuttalip Simsek, Mustafa Cekmen, Adnan Somay

Hemostatic Plug: Novel Technique for Closure of Percutaneous Nephrostomy Tract, Joel E. Abbott, Arman Cicic, Roger W. Jump III, Julio G. Davalos

A Prospective Randomized Comparison Between Shock Wave Lithotripsy and Flexible Ureterorenoscopy for Lower Caliceal Stones less than or equal 20cm: A Single-Center Experience, Anup Kumar, Pawan Vasudeva, Biswajit Nanda, Niraj Kumar, Manoj Kumar Das, Sanjeev Kumar Jha

Bipolar Transurethral Resection Versus Monopolar Transurethral Resection for Benign Prostatic Hypertrophy: A Systematic Review and Meta-Analysis, Yin Tang, Jinhong Li, Chuanxiao Pu, YunJin Bai, HaiChao Yuan, Qiang Wei, Ping Han

Randomized Controlled Trial Comparing Retroperitoneal Laparoscopic Pyelolithotomy Versus Percutaneous Nephrolithotomy for the Treatment of Large Renal Pelvic Calculi: A Pilot Study, Sheng Li, Tong-Zu Liu, Xing-Huan Wang, Xian-Tao Zeng, Guang Zeng, Zhong-Hua Yang, Hong Weng, Zhe Meng, Jing-Yu Huang

The Modern History and Evolution of Percutaneous Nephrolithotomy, Sutchin R. Patel, Stephen Y. Nakada

First Prize: A Novel Device to Prevent Stone Fragment Migration During Percutaneous Lithotripsy, Justin I. Friedlander, Jodi A. Antonelli, Heather Beardsley, Stephen Faddegon, Monica S.C. Morgan, Jeffrey C. Gahan, Margaret S. Pearle, Jeffrey A. Cademdu

The Impact of Ureteral Stent Type on Patient Symptoms as Determined by the Ureteral Stent Symptom Questionnaire: A Prospective, Randomized, Controlled Study, Hyoung Keun Park, Sung Hyun Paick, Hyeong Gon Kim, Yong Soo Lho, Sangrak Bae

Laparoscopic Pectopexy: A Prospective, Randomized, Comparative Clinical Trial of Standard Laparoscopic Sacral Colpocervicopexy with the New Laparoscopic Pectopexy-Postoperative Results and Intermediate-Term Follow-Up in a Pilot Study, Karl-Günter Noé, Sven Schiermeier, Ibrahim Alkatout, Michael Anapolski

Retrograde Intrarenal Surgery Versus Percutaneous Nephrolithotomy Versus Extracorporeal Shockwave Lithotripsy for Treatment of Lower Pole Renal Stones: A Meta-Analysis and Systematic Review, Wei Zhang, Tie Zhou, Tengyun Wu, Xiaofeng Gao, Yonghan Peng, Chuanliang Xu, Qi Chen, Ruixiang Song, Yinghao Sun

Efficacy and Safety of Local Steroids for Urethra Strictures: A Systematic Review and Meta-Analysis, Kaile Zhang, Er Qi, Yumeng Zhang, Yinglong Sa, Qiang Fu

VideoUrology

Freehand Ultrasound-Guided Transperineal Prostate Biopsy: Technique and Early Results, John Michael DiBianco, Mathew Allaway

Magnetic Resonance Imaging/Transrectal Ultrasound Fusion-Guided Biopsy of the Prostate to Detect High-Grade Cancer, Jennifer K. Logan, Andrew Gomella, Soroush Rais-Bahrami, Baris Turkbey, Peter L. Choyke, Bradford J. Wood, Peter A. Pinto

Robotic Buccal Mucosa Graft Ureteroplasty, Daniel A. Wollin, Sarah A. Mitchell, Michael D. Stifelman, Lee C. Zhao

Robot-Assisted Laparoscopic Donor Nephrectomy in 12 Steps, Greg E. Gin, Rajiv Jayadevan, Matthew L. Goland-Van Ryn, Daniel M. Herron, Edward H. Chin, Juan P. Rocca, Scott A. Ames, Sandor S. Florman, Michael A. Palese

A Simplified Approach to Intracorporeal Robot-Assisted Laparoscopic Ileal Conduit Formation, Benjamin A. Sherer, Michael R. Farrell, Leslie A. Deane

Laser En-Bloc Resection of Solitary Papillary Tumors in the Upper Urinary Tract: Description of the Technique Using a Thulium:YAG-Laser, Stephan Jutzi, Mario W. Kramer, Mathias Wolters, Marcus Antonius Kuczyk, Thomas R.W. Herrmann, Florian Imkamp

Robot-Assisted, Extraperitoneal Transvesical Repair of a Colovesical Fistula, Eric Biewenga, Michael Santomauro, Justin Nork, Patrick Scarborough, Brian Auge, Donald Crain, James L'Esperance

Anterior and Posterior Bladder Neck Dissection with Tension Stitch, Shiv Patel, Marc Manganiello, David Canes

Combined Open and Robotic Neobladder: Advantages of Both Approaches, Natalia Otaño, Ankush Jairath, Ravindra Sabnis, Mahesh Desai, Shashikant Mishra

Robot-Assisted Laparoscopic Ureteral Reimplantation: Our Technique and Outcomes, Daniel E. Zainfeld, Andrew P. Windsperger, Moben Mirza, David A. Duchene

33RD WORLD CONGRESS
OF ENDOUROLOGY & SWL

1-4 OCTOBER 2015

The ICC at ExCeL London

Registration opens in early 2015



WCE 2015

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Contact: events@baus.org.uk

