

美国腹腔镜内镜外科医师协会 (SLS) 2019 年会 于 2019 年 9 月 4 ~ 7 日在新奥尔良成功举行

美国腹腔镜内镜外科医师协会(The Society of Laparoendoscopic Surgeons, SLS) 2019 年会——微创外科周于 2019 年 9 月 4 ~ 7 日在美国路易斯安那州新奥尔良举办,这是一次微创外科领域多学科的重大学术会议。来自 50 个国家和地区共近 500 名代表参会。《中国微创外科杂志》(*Chinese Journal of Minimally Invasive Surgery, CJMIS*)编辑部是本次盛会的主办方之一,由编辑部主任张小为教授带领 11 名中国微创外科医生参会,其中 8 人大会发言,2 人壁报展示。

9 月 4 日下午 5:15 微创外科周拉开帷幕。SLS 前主席 Raymond J. Lanzafame 教授主持开幕式。首先, Jessica Ybanez-Morano 教授介绍 2019 轮值主席 Jay A. Redan 教授。2019 轮值主席 Jay A. Redan 教授致欢迎辞,并对当地组委会的工作表示感谢。SLS 前主席 Maurice K. Chung 教授致辞,对参与本届大会组织工作的 25 家附属团体表示欢迎和感谢。2019 轮值主席 Jay A. Redan 教授介绍本届大会荣誉主席 Steven Schwaitzberg, Steven Schwaitzberg 教授做了题为“*The Value of Collaboration*”的演讲。Jessica Ybanez-Morano 教授介绍本届大会荣誉主席深圳大学第三附属医院(深圳罗湖医院)罗光楠教授,潘宏信博士代表罗光楠教授做了题为“*From China to the World: My Chinese Dream - Luohu Vaginoplasty*”的演讲,罗光楠教授的人格魅力和学术成就赢得了参会者的热烈掌声。开幕式上 Jay A. Redan 和 Jessica Ybanez-Morano 教授颁发了以下奖项:优秀住院医师论文 Michael S. Kavic 奖(Presentation of Michael S. Kavic Award for Best Resident Paper);优秀多学科论文 Paul Alan Wetter 奖(Presentation of Paul Alan Wetter Award for Best Multispecialty Paper);优秀视频 Carl J. Levinson 奖(Presentation of Carl J. Levinson Award for Best Video);优秀教育和培训演示推广 Harrith M. Hasson 奖(Presentation of Harrith M. Hasson Award for Best Presentation Promoting Education & Training);科学论文、视频奖(Presentation of Award Winning Scientific Papers, Videos);年度赞助商/团体会员/创新的认证(Recognition of Sponsors/Corporate Members/Innovations of the Year)。

本届大会内容丰富,涉及妇科、泌尿外科、普通外科、小儿外科等多个学科,包括学术日(Academic Day)、微创外科全球展望(Global Perspectives in MIS)、多学科全体会议(Multidisciplinary Plenary Session)、机器人手术的目前发展状况(State of the Art Lectures in Robotic Surgery)、优秀壁报陈列展(Best Posters Showcase)、世界峰会(The World Summit)、视频会议:手术意外——当意外发生时(Video Session: Surgical Surprises - When the Unexpected Happens)、全球小儿外科会议(Global Pediatric Surgery Session)、普外科当前的问题:专家的观点(Current Problems in General Surgery - Perspectives From the Experts)等多个分会场,参会者以 PPT、视频播放、壁报展示 3 种形式,就各专业的最新进展、观念理念和技术技巧、经验教训等进行了充分深入的交流。另外,本届大会开设的课程培训有:垂直区缝合技巧课程:先进的腹腔镜下缝合(Vertical Zone Suturing Skills Course - Advanced Laparoscopic Suturing);美国科医人 CO₂ 激光妇科手术技巧课程(CO₂ Laser Skills Course by Lumenis/Gynecology Focus);美国科医人 CO₂ 激光普通外科手术技巧课程(CO₂ Laser Skills Course by Lumenis/General Surgery Focus);宫腔镜技巧课程(Hysteroscopy Skills Course);TransEnterix 公司 Senhance 机器人普外科手术技巧课程(Senhance Robotic Surgery Skills Course by TransEnterix/General Surgery Focus);TransEnterix 公司 Senhance 机器人妇科手术技巧课程(Senhance Robotic Surgery Skills Course by TransEnterix/Gynecology Focus)等。

9 月 7 日未来技术会议上,SLS 特邀嘉宾哈佛大学 Wyss 研究所 Donald E. Ingber 教授做了令人震撼不已的“未来技术新浪潮”的讲演,他以动漫形式演示了人的器官芯片的构造和原理、最新的模仿在体组织细胞的 3D 打印技术发展现状,并介绍了肿瘤疫苗研发新技术和已经进入 I 期临床的最新进展,引起了参会者的浓厚兴趣。闭幕式上 2019 轮值主席 Jay A. Redan 教授把小木槌交给 2020 轮值主席 Jessica Ybanez-Morano

教授, SLS 2020 年会——微创外科周将于 2020 年 8 月 26 ~ 29 日在夏威夷举办。

一、中国微创外科代表团发言内容(按发言顺序排序)

1. 深圳大学第三附属医院(深圳罗湖医院)妇科盆底与生殖道畸形专科潘宏信博士: Uterovaginal Anastomosis for Cases of MRKH Syndrome with Rudimentary Cavity(子宫阴道吻合术治疗有子宫残腔的 MRKH 综合征)
2. 深圳大学第三附属医院(深圳罗湖医院)妇科盆底与生殖道畸形专科秦成路教授: The Technique for Patient with Congenital Partial Vaginal Atresia Combined Congenital Lesion of the Anterior Urethra(1 例先天性阴道部分闭锁合并先天性前尿道缺如的手术技巧)
3. 首都医科大学附属北京世纪坛医院普外科宫轲教授: Effect of Laparoscopic Bariatric Surgery on the Coagulation System of Obese Patients(腹腔镜减肥手术对肥胖病人凝血系统的影响)
4. 首都医科大学附属北京世纪坛医院普外科张能维教授: Laparoscopic Sleeve Gastrectomy for the Type 2 Diabetes Mellitus Patients with Low BMI(腹腔镜胃袖状切除术治疗低 BMI 2 型糖尿病)
5. 北京市房山区良乡医院普外科王红禄教授: Evaluation of Three-dimensional Spiral CT Cholangiography to Bile Duct Configuration Before Laparoscopic Cholecystectomy(螺旋 CT 三维胆道成像对腹腔镜胆囊切除术前胆道结构的评估)
6. 北京大学第三医院《中国微创外科杂志》编辑部李贺琼编辑: The Application Status of Laparoscopic Pancreaticoduodenectomy in Mainland China(中国大陆腹腔镜胰十二指肠切除术的应用现状)
7. 南京大学附属第二医院妇产科应小燕教授: Effects of Two Different Hemostatic Methods of Electric Coagulation or Suture Hemostasis on Ovarian Reservation Function After Laparoscopic Ovarian Surgery(电凝或缝合止血对腹腔镜卵巢手术后卵巢储备功能的影响)
8. 中国医科大学附属第一医院妇科张颐教授: Accurate Assessment through 3D-Refundation in Minimally Invasive Surgery: A Case Report(微创手术中 3D 重建的精准评估: 1 例报告)

二、大会主要内容

1. 多学科全体会议 (Multidisciplinary Plenary Session)

- First-hand Experience In Katrina with Lack of Resources and Support Services, Lessons Learned *Anna Pou, MD*
LSU Health Science Center Response to Katrina, and Rebuilding *Larry Hollier, MD*
Lessons Learned from September 11th and Hurricane Maria *Antonia Coello Novello, MD, MPH, Dr. PH*
Advantages and Disadvantages of Laparoscopy for the Patient Over Robotic Surgery. Includes Learning Curves, Cost, Cosmetics and Outcome Measures *Steven Schwaitzberg, MD*
Advantages and Disadvantages of Robotic Surgery to the Surgeon and Patient. Includes Learning Curves, Cost, Outcome Measures and Future Technology not Available in a Laparoscopy System *Guy Orangio, MD*
Financial Impact of Robotic Surgery Versus Laparoscopic Surgery for a Hospital System. Revenue and Reimbursement and Initial Financial Commitment for the Hospital *Erika Vera, MBA*
Introduction of the Topic of Vulnerable Populations *Jessica Ybanez-Morano, MD, MPH*
Focus on Transgender Populations *Cooper Benson, MD, Sol Mundinger, MD, Jessica Shank, MD*
Focus on Incarcerated Populations *Ian Hodgdon, MD*

2. 学术日 (Academic Day)

- TaTME Are We Moving Too Fast? *Guy Orangio, MD*
Robotic Inguinal Node Dissection *Scott Delacroix, MD*
When The Ureter Gets In The Way: Management Strategies *Raju Thomas, MD*
New Techniques in Vascular Surgery *Amit Chawla, MD*

New Technologies and Techniques for GI Interventional Endoscopic Ultrasound *Janak Shah, MD*

The IR Boost: How Interventional Radiology Can Complement a Minimally-Invasive Approach *Richard Marshall, MD, Greg Carbonella*

Hernia 2019 *Karl Leblanc, MD*

Alternative to Synthetic Mesh for Hernia Repair *Ian Hodgdon, MD*

Supporting the Vaginal Apex: Is Hysterectomy Obsolete? *Lisa Peacock, MD*

Minimally Invasive Gynecologic Surgery on The Obese Patient *Amelia Jernigan, MD*

Robotic Esophagectomy *John Bolton, MD*

Robotic Thoracic Surgery *Brian Pettiford, MD*

MIS Liver Resection Laparoscopic to Robotic *Joseph Buell, MD*

Applications For Single-Incision Laparoscopy in Children *David Yu, MD*

3. 微创外科全球展望 (Global Perspectives in MIS)

Complex Endometriosis. How to Approach? *Thiers Soares Raymundo, MD*

Think Outside the Toolbox-New Uses of Energy for Endometriosis and Advanced Adhesive Disease *Jessica Opoku-Anane, MD*

Small Bowel Obstruction Caused by the Use of a Fibrant Sealant Hemostatic Agent during Robotic-Assisted Myomectomy: A Case Report and Literature Review *Maureen Cho, MD*

Laparoscopic Management of Peripheral Nerve Pain *Richard P. Marvel, MD*

Aquablation a New Treatment for BPH *Michael McDonald, MD*

Why Mini Laparoscopic Surgery Hasn't Grown as it Should in the Surgical Community *Roberto Gallardo, MD*

Evidence Medicine: What is the Evidence and have RCT's and other Studies become Questionable in our Managing Patients? A Critical Review *Nicholas Pairedeau, MB, BS, FRCSC*

Ovarian Endometriosis: Diagnosis, Treatment, Consequences *Marius Lucian Craina, Prof Dr Med (MC-GP)*

SLS Contribution in Promoting Surgical Laparoscopy in Romania *Bianca Gavrilita, MD*

Laparoscopic Retroperitoneal Systemic Lymphadenectomy from Circumflex Iliac Vein to Left Renal Vein *Joong Sub Choi, Prof Dr Med*

The Virtual Reality in Real Surgery: Is this a Future for us? *Seda Dzhantukhanova, MD, PhD*

Hysteroscopic Surgery: Complications and Prevention *Bart DeVree, MD*

5 Years Later: Still Debating Power Morcellation *Jose Nieves-Sosa, MD*

Minimal Invasive Strategies in the Diagnosis and Treatment of Mild to Severe Endometriosis *Ceana Nezhat, MD*

Efficacy of the TAP block for Minimally Invasive Hysterectomies: Presentation of Meta-Analysis *Kari Plewniak, MD*

Uterovaginal Anastomosis for Cases of MRKH Syndrome with Rudimentary Cavity *Hongxin Pan, MD, PhD*

MIS in Developing Nations *Cristine Malino, MD, MPH*

Laparoscopic Hysterectomy Ultra-Simplified *Charles H. Koh, MD*

Global Education: Role of Surgical Simulation Beyond Borders *Mireille Truong, MD*

Endometriosis Diagnostic Laparoscopy: To Do or Not To Do: What's the Answer? *Juan Salgado, MD*

Pelvic Pain Panel *Richard P. Marvel, MD, Maurice K. Chung, RPh, MD, Michael McDonald, MD, Jay A. Redan, MD, Corey Hazama, DPT, Ana Lucia Herrera Betancourt, MD, Juan Diego Villegas-Echeverri, MD, Lina Maria Zuluaga, MD, Sallie Sarrel, DPT*

Case Presentation: Widening the Lens: Pelvic Physical Therapy and Pelvic Pain PT *Sallie Sarrel, DPT*

Case Presentation: What Could PT Offer to the Treatment of Patients with Abdominal and Pelvic Pain? The Truly Minimally Invasive Therapy *Corey Hazama, DPT*

Case Presentation: General Surgery *Jay A. Redan, MD*

Case Presentation: Urology *Michael McDonald, MD*

Pain Lectures *Juan Diego Villegas-Echeverri, MD*

"Pelvic Desensitization" A Treatment for Chronic Pelvic Pain *Maurice K. Chung, RPh, MD*

Why Would Hernia Cause Pain, and Why Wouldn't It? *Juan Diego Villegas-Echeverri, MD*

Surgical Treatment of Chronic Pelvic Pain *Lina Maria Zuluaga, MD*

Post Surgical Pain *Ana Lucia Herrera Betancourt, MD*

Trends and Factors Associated with Antibiotic Use by Gynecologic Surgeons during Myomectomy *Maureen Cho, MD*

4. 世界峰会 (The World Summit)

Leak Predictors in Surgical Repair of Perforated Duodenal Ulcer *Qatar Hesham Aljohary, MD, PhD*

Laparoscopic Management of Perforated Peptic Ulcer *Italy Francesco Lattanzio, MD*

Cultural Presentation: General Surgery Residency in Brazil: How the Recent Changes can Improve Surgical Education *Brazil Diego Laurentino Lima, MD*

Pelvic Organ Prolapse Surgery with STARR (POPSSTARR) in Pelvic Floor Dysfunction *India Brij Bhushan Agarwal, Prof Dr Med*

The Ultimate Secret of Laparoscopy History *Qatar Rashad Alfkey, MD, PhD*

Minimally Invasive Laparoscopic Surgeries for Renal Tumor: Our Current Procedures *Japan Toshitaka Shin, MD, PhD*

Lasers in Proctology *India Jaya Maheshwari, MS*

Cultural Presentation: *India India Jaya Maheshwari, MS*

Advanced Robotic Techniques for Colorectal Operations in the United States *USA Mark Soliman, MD*

The Application Status of Laparoscopic Pancreaticoduodenectomy in Mainland China *China Heqiong Li, MD*

Investigation of in-bag Morcellation in Laparoscopic Myomectomy: Comparison of Perioperative Outcome *Japan Mineto Morita, MD, PhD*

New Laparoscopic Vaginoplasty Resulting in Normal Vagina, Identification of Progenitor Cell and Genetic Decoding of MRKH *Pravin Mhatre, Prof Dr Med*

Between POP and OASIS: Diagnosis and Surgical Repair of Perineal Defects *Czech Republic Ian Vasicka, MD*

Cultural Presentation: Foz do Iguaçu – Land of Waterfalls *Brazil Nilton De Nadai Filho, MD*

The Uterine Artery Occlusion-Why? How? *Brazil Nilton De Nadai Filho, MD*

Risk Reducing Strategies to Prevent Transfusions in Gynecologic Laparoscopic Surgeries *Canada Leslie Po, MD, MSc (HQ) FRCSC*

An Analysis of the Importance of Preoperative Accurate Assessment Used for Pelvic Solid Masses in Minimally Invasive Surgery *China Zhang Yi, MD*

Cultural Presentation: *Canada Leslie Po, MD, MSc (HQ) FRCSC*

5. 全球小儿外科会议 (Global Pediatric Surgery Session)

Highlights of the First SLS Global Pediatric Surgery Session in New York City 2018 – Plans and Suggestions for the Next Session in Hawaii in 2020 *Gustavo Stringel, MD, MBA*

Pediatric Surgery SIG Update *Richard Hendrickson, MD*

Minimally Invasive Surgery in Neonatal Patients: A Review *Gustavo Stringel, MD, MBA*

Thoracoscopic Management of Recurrent Spontaneous Pneumothorax *Richard Hendrickson, MD*

Laparoscopic Revision of a Peritoneal Dialysis Catheters *Richard Hendrickson, MD*

Thoracoscopic Neonatal Surgery *Jason D. Fraser, MD*

Video Assisted Thoracoscopic Surgery for Symptomatic Congenital Thoracic Mass *Richard Hendrickson, MD*

Adolescent Endometriosis: Multidisciplinary Approach *Ceana Nezhat, MD*

Adolescent Endometriosis: Diagnosis and Surgical Management *Robert K. Zurawin, MD*

How Young is too Young? Ethical Considerations in Adolescent Bariatric Surgery *Michael Cook, MD*

6. 视频会议:手术意外——当意外发生时 (Video Session: Surgical Surprises – When the Unexpected Happens)

7. 机器人手术的目前发展状况 (State of the Art Lectures in Robotic Surgery)

Proving Effectiveness of the Fundamentals of Robotic Surgery (FRS) Curriculum *Richard M. Satava, MD*

Machine Learning and AI in Robotic Surgery: A Brave New World *COL Timothy C. Brand, MD*

Innovative Robotic System for Transvaginal Surgical Procedures *Robert K. Zurawin, MD*

State of the Art on Robotic Excision of Endometriosis and Adenomyosis *Antonio R. Gargiulo, MD*

Robotic OR efficiency: Hints and Tricks *Jeremy Heffner, MD*

Innovations in Gynecologic Robotic Surgery *Mona Orady, MD*

Robotic Surgery Credentialing *Jay A. Redan, MD*

Retroperitoneal Robotic Renal Surgery. Why aren't we doing more of this? *Samay Jain, MD*

Application of Immunofluorescence Imaging in Robotic Surgery *Beeman N. Khalil, MD, MS*

Robotic Vascular Aortic and Non-Aortic Surgery *Petr Stadler, Prof Dr Med*

Hand-Held Robotized Instruments as an Alternative to Console Robots: First Clinical Experience *Steven Schwaitzberg, MD*

8. 优秀壁报陈列展 (Best Posters Showcase)

Laparoscopic vs Robotic Colectomy – Outcomes from a Rural General Surgery Training Center *Patrick Willauer*

Laparoscopic Sleeve Gastrectomy for Type 2 Diabetes Mellitus Patients with Low BMI *Nengwei Zhang*

Effects of Laparoscopic Bariatric Surgery on the Coagulation System of Obese Patients *Ke Gong*

Do Gynecologic Surgeons Overprescribe Opioid Pain Medications After Minimally Invasive Surgery? *Ricky Patel*

Femoral Neuropathy in Gynecological Surgery – An Anatomical Perspective *Hope Conrad*

The Role of Laparoscopic Hysterectomy in the Treatment of Uterine Prolapse – A Perioperative Comparison to Vaginal Hysterectomy *Alexandra Garcia*

Mallory Weiss Tear Post Operatively after Total Laparoscopic Hysterectomy: A Case Report *Erika Schaeffer*

A Case of Paratubal Adrenal Rest Tumor *Takashi Yamada*

External Validation of Two Nomograms Predicting Lymph Nodes Invasion in Robot-assisted Radical Prostatectomy *Satoki Abe*

Experience of Left Reduced Port Laparoscopic Partial Adrenalectomy for Pheochromocytoma of MEN Type 2A *Tadamasa Shibuya*

Robotic-Assisted Uretero-Ureterostomy: Technical Modifications to Enhance a Challenging Procedure *Thomas Shelton*

Utilization and 5-Year Treatment Free Rates for Radical Nephrectomy and Partial Nephrectomy for the Diagnosis of Renal Cell Carcinoma Between 2000 – 2014 in New York State *Elie Kaplan-Marans*

(详细会议内容请登录 <http://sls.org/mis2019/>)

(整理:李贺琼 张小为)



SLS 前主席 Raymond J. Lanzafame 教授主持开幕式



2019 轮值主席 Jay A. Redan 教授在开幕式上致欢迎辞



SLS 前主席 Maurice K. Chung 教授在开幕式上致辞



本届大会荣誉主席 Steven Schwaitzberg 教授



本届大会荣誉主席深圳大学第三附属医院(深圳罗湖医院)罗光楠教授



本届大会两位荣誉主席罗光楠教授与 Steven Schwaitzberg 教授合影



《中国微创外科杂志》编辑部主任张小为教授、李贺琼编辑与本届大会荣誉主席罗光楠教授合影



《中国微创外科杂志》编辑部主任张小为教授、李贺琼编辑与本届大会两位荣誉主席罗光楠、Steven Schwaitzberg 教授等合影



SLS 年会主办单位 (CJMIS 为中国微创外科杂志)



开幕式会场



《中国微创外科杂志》编辑部主任张小为教授、李贺琼编辑与深圳大学第三附属医院(深圳罗湖医院)罗光楠教授团队在分会场合影



深圳大学第三附属医院 (深圳罗湖医院) 妇科盆底与生殖道畸形专科潘宏信博士大会发言



深圳大学第三附属医院 (深圳罗湖医院) 妇科盆底与生殖道畸形专科秦成路教授大会发言



首都医科大学附属北京世纪坛医院普外科张能维教授大会发言



首都医科大学附属北京世纪坛医院普外科宫轲教授大会发言



北京市房山区良乡医院普外科王红禄教授大会发言



《中国微创外科杂志》编辑部李贺琼编辑大会发言



南京医科大学附属第二医院妇产科应小燕教授大会发言



中国医科大学附属第一医院妇科张颐教授大会发言



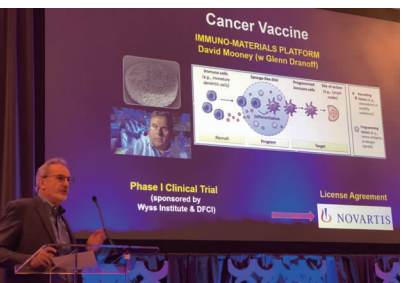
深圳大学第三附属医院 (深圳罗湖医院) 妇科盆底与生殖道畸形专科潘宏信博士主持妇科视频会场



SLS 荣誉主席 Paul Alan Wetter 教授为 Ceana Nezhat 教授颁发卓越奖 (Excel Award)



SLS 前主席 Richard M. Satava 教授介绍未来技术主讲人: Wyss 研究所 Donald E. Ingber 教授



未来技术主讲人: Wyss 研究所 Donald E. Ingber 教授



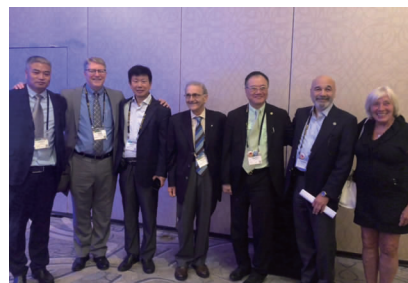
闭幕式上 2019 轮值主席 Jay A. Redan 教授把小木槌交给 2020 轮值主席 Jessica Ybanez-Morano 教授



《中国微创外科杂志》编辑部主任张小平为教授、首都医科大学附属北京世纪坛医院张能维教授与 SLS 前主席 Maurice K. Chung 教授交谈

首都医科大学附属北京世纪坛医院普外科张能维、宫轲和彭吉润教授合影

《中国微创外科杂志》编辑部主任张小平为教授、李贺琼编辑与 JSLs 主编 Michael S. Kavic 教授合影



《中国微创外科杂志》编辑部主任张小平为教授与 SLS 前主席 Raymond J. Lanzafame 教授合影

《中国微创外科杂志》编辑部主任张小平为教授与 2020 轮值主席 Jessica Ybanez-Morano 教授合影

《中国微创外科杂志》编辑部主任张小平为教授与 SLS 前主席 Maurice K. Chung、Gustavo Stringel、Phillip P. Shadduck 教授等合影



中国微创外科代表团合影