

MIRA

MINIMALLY INVASIVE ROBOTIC SURGERY ASSOCIATION

5TH INTERNATIONAL CONGRESS



UC San Diego
SCHOOL OF MEDICINE

January 27-30, 2010 • San Diego, California • Manchester Grand Hyatt

"LATEST TRENDS IN ROBOTIC SURGERY"

PROGRAM CHAIR: Santiago Horgan, MD COURSE CHAIR: Sonia Ramamoorthy, MD

GENERAL INFORMATION



Join us in January!

The Minimally Invasive Robotics Association (MIRA) is pleased to invite you to the 5th International Congress, January 27-30, 2010 in San Diego, California at the Manchester Grand Hyatt.

Robotic surgery is constantly changing with advancements in the field happening every day. This congress is focusing on the latest trends in robotics to help keep you informed on all the newest technology and applications. We are bringing together an array of speakers from across the world to provide information on the newest developments and share their perspectives on what role robotics will play in the future.

This program will consist of 3 Master Hands-On Courses taking place at UCSD focusing on Urology, Colorectal, and Gynecology surgery. There will be 2 half-day Post Graduate courses in Urology and Thoracics followed by 3 days of plenary sessions and abstract presentations. Here we will be able to determine and deliberate about the successes and challenges facing robotic surgery and the impact that it has had on each of our specialties.

This conference will provide you with an opportunity to foster relationships with others in the field. We urge you to participate and get involved by helping to cultivate an enriched plan to advance robotics and its role in minimally invasive surgery.

See you in January!

Santiago Horgan, MD, Program Chair

INSIDE

Letter from the Program Chair	1
General Meeting Information	1-2
Meeting Leadership	3
MIRA Board Members	3
Schedule-at-a-Glance	3-6
Hotel/Reservation Information	6
Registration Form	7

COURSE DESCRIPTION

The 5th International Congress will feature state of the art lectures, hands-on cadaver and porcine labs, and an internationally renowned faculty. This CME activity will offer an extensive update on the advancements within minimally invasive robotic surgery and provide a great opportunity to discuss the future and impact of these procedures.

OBJECTIVES

At the conclusion of this activity, participants should be able to:

- Identify the latest trends in robotics focusing on pediatrics, general surgery, cardio-thoracic, colorectal, urology and gynecology specialties
- Describe how robotics is playing a role in SILS
- Identify new applications and technologies in robotics
- Describe how robotics is playing a role in helping treating ovarian, endometrial and cervical cancer
- List new trends in robotics in head and neck surgery
- Describe how robotics surgery will interact with NOTES® surgery

TARGET AUDIENCE

The target audience for this activity includes: surgeons, internists, radiologists, engineers and computer scientists who are interested in robotics, telerobotics, telepresences, teleconferencing and telementoring.

GENERAL INFORMATION continued

REGISTRATION HOURS

Wednesday, January 27, 2010	6:30am - 5:00pm
Thursday, January 28, 2010	6:30am - 5:00pm
Friday, January 29, 2010	6:30am - 5:00pm
Saturday, January 30, 2010	6:30am - 12:00pm

EXHIBIT HALL HOURS

Thursday, January 28, 2010	9:30am - 3:30pm
Reception in Exhibit Hall (Exhibits Open) 5:30pm - 7:00pm	
Friday, January 29, 2010	9:30am - 3:30pm

WHY JOIN MIRA?

- Interaction with leaders on the cutting edge of minimally invasive robotic interventions and techniques.
- An international membership dedicated to providing the best diagnostic and therapeutic care possible, even in distant and remote places.
- The sharing of knowledge with a multidisciplinary group of professionals, including surgeons, internists, radiologists, engineers and computer scientists who are developing and using minimally invasive robotics.
- The opportunity to contribute to innovations, integration and implementation of future developments in areas such as NOTES® and Solo Surgery.
- An opportunity to contribute in organizing the training and establishing requirements for credentialing.
- A subscription to *The International Journal of Medical Robotics and Computer Assisted Surgery Journal* included in the annual membership dues.
- The advantage to attend our meetings at the lower member registration fees.

Please visit www.mirasurgery.org/membership.php to become a member today!

ACCREDITATION STATEMENT

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the University of California, San Diego School of Medicine and the Minimally Invasive Robotics Association. The University of California, San Diego School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

The University of California, San Diego School of Medicine designates this educational activity for a maximum of **25.5 AMA PRA Category 1 Credits™**. Physicians should only claim credit commensurate with the extent of their participation in the activity.

EXHIBITORS & SUPPORTERS

as of October 2009

Ethicon
Intuitive Surgical

CULTURAL & LINGUISTIC COMPETENCY

This activity is in compliance with California Assembly Bill 1195 which requires continuing medical education activities with patient care components to include curriculum in the subjects of cultural and linguistic competency. Cultural competency is defined as a set of integrated attitudes, knowledge, and skills that enables health care professionals or organizations to care effectively for patients from diverse cultures, groups, and communities. Linguistic competency is defined as the ability of a physician or surgeon to provide patients who do not speak English or who have limited ability to speak English, direct communication in the patient's primary language. Cultural and linguistic competency was incorporated into the planning of this activity. Additional resources on cultural and linguistic competency and information about AB1195 can be found on the UCSD CME website at <http://cme.ucsd.edu>.

GENERAL CONTACT INFORMATION



MIRA

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Los Angeles, CA 90064
PHONE: +1.310.424.3353, ext. 125
EMAIL: Maribeth@mirasurgery.org
ONLINE: www.mirasurgery.org

SYLLABUS DISCLOSURE

It is the policy of the University of California, San Diego School of Medicine to ensure balance, independence, objectivity and scientific rigor. All persons involved in the selection, development and presentation of content are required to disclose any real or apparent conflicts of interest. All conflicts of interest will be resolved prior to an educational activity being delivered to learners through one of the following mechanisms 1) altering the financial relationship with the commercial interest, 2) altering the individual's control over CME content about the products or services of the commercial interest, and/or 3) validating the activity content through independent peer review. All persons are also required to disclose any discussions of off label/unapproved uses of drugs or devices.



MEETING LEADERSHIP

COURSE DIRECTOR

Santiago Horgan, MD

Professor of Surgery
Director of Minimally Invasive Surgery
Director of the Center for the Future of Surgery
University of California, San Diego

MIRA BOARD MEMBERS

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HANDS-ON COURSE COURSE DIRECTOR

Sonia Ramamoorthy, MD

Assistant Professor of Surgery
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Board Member
New York, NY, USA

SCHEDULE-AT-A-GLANCE

WEDNESDAY, JANUARY 27, 2010

MASTER'S ROBOTIC HANDS-ON COURSE *(Held at the UCSD Lab)*

FULL DAY COURSE

Colorectal • 10:00am - 5:00pm

COURSE CHAIRS: Alessio Pigazzi, MD & Slawomir Marecik, MD

The Colorectal Robotic Hands-On Course is a structured training program which will include a practice on the pelvic (human like) simulator, didactics and hands-on laboratory with human cadavers. The main objective is to reveal the potential of robotic technology in total mesorectal excision (TME). The simulator portion will last 1-2 hours, didactic portion 1 hour and cadaver lab 3 hours. There will be 3 students assigned to each cadaver. The first task in the cadaver lab will be robotic right colectomy. Subsequently, the focus of training will be placed on robotic TME. Each trainee should become proficient in robotic cart assistance as well as the console.

Objectives

At the conclusion of this activity, participants should be able to:

- Recognize the potential role of robotic device in treatment of rectal cancer
- Learn how to setup the robotic device with special attention to right sided colon resection and pelvic dissection
- Acquire necessary skills for robotic right sided colon resection and total mesorectal excision



SCHEDULE-AT-A-GLANCE continued

½ DAY COURSE

Urology • 8:00am - 12:00pm

COURSE CHAIRS: Christopher Kane, MD & Ashutosh Tewari, MD

The Urology hands-on course will be a four hour, hands-on robotic laboratory using a live porcine (pig) model. Each attendee will have one partner and one faculty member per training station. Each student will review robotic port placement strategies for robotic surgeries and perform suturing practice by performing a uretero-ureterostomy. Then each student will perform all the steps of a robotic partial nephrectomy (ureteral identification, hilar dissection, renal mobilization, hilar control, renal excision, renorrhaphy and closure) and assist as bedside assistant on the second procedure performed by his or her training partner. Each trainee will have over 90 minutes of robotic console training time.

Objectives

At the completion of this activity, participants should be able to:

- Describe the optimal port placement strategies for common GU procedures
- Perform robotic clutch and camera maneuvers smoothly to maximize robotic view and instrument range of motion
- Increase suturing speed by incorporating suturing and knot tying efficiency tips
- Demonstrate the application and release of laparoscopic vascular bulldogs and clamps
- Demonstrate robotic renal excision and renorrhaphy techniques to perform robotic partial nephrectomy

½ DAY COURSE

Gynecology • 1:00pm - 5:00 pm

COURSE CHAIRS: Javier Magrina MD & Emily Lukacz, MD

The Gynecology Hands-On Course will be a 4 hour robotic laboratory using a live porcine (pig) model. Each attendee will have 2 partners and will focus on acquiring skills relevant to setup, port placement and instrumentation for gynecologic application of robotic surgery. They will learn to identify the assess role of robotic surgical approach over traditional laparoscopic procedure while obtaining value time using the robot specific to GYN procedures.

Objectives

At the completion of this activity, participants should be able to:

- Acquire skills relevant to setup, port placement and instrumentation for gynecologic application of robotic surgery
- Identify the assess role of robotic surgical approach over traditional laparoscopic procedures
- Learn the techniques related to hysterectomy, oophorectomy, cystotomy and repair, and pelvic lymphadenectomy procedures

POST-GRADUATE COURSES

Robotic Thoracic Surgery • 8:00am - 12:00pm

COURSE CHAIRS: Farid Gharagozloo, INVITED SPEAKERS: Kemp Kernstine, MD & Bob Kiaii, MD

The Thoracic Post Graduate Course is to present an overview of a Robotic Thoracic Surgery Program from the administrative aspects of establishing the program, to getting buy-in from the referring physicians, to the actual procedures which are performed. The course will present a comprehensive approach to Robotic Lobectomy, Robotic Esophagectomy, Robotic Surgery for benign esophageal disease, and Robotic Approach to the Mediastinum.

Objectives

At the conclusion of this activity participants should be able to:

- Identify the difficulties inherent to the establishment of a Robotic Thoracic Surgery Program
- Review the techniques of various robotic procedures in Thoracic Surgery
- Identify the factors responsible for the success of a Robotic Thoracic Surgery program

7:50am - 8:00am	Welcome and Course Objectives
8:00am - 8:20am	Role of Robotics in Thoracic Surgery
8:20am - 8:40am	Establishment of a Robotic Thoracic Surgery Program
8:40am - 9:00am	OR and Robot Setup
9:00am - 9:40am	Hybrid Robotic Lobectomy
9:40am - 10:00am	Fourth Arm Robotic Lobectomy
10:00am - 10:20am	Break
10:20am - 10:40am	Robotic Mediastinal Surgery
10:40am - 11:00am	Robotic Approach to Malignant Esophageal Disease
11:00am - 11:20am	Robotic Approach to Benign Esophageal Disease
11:20am - 11:40am	Pain Relief After Robotic Surgery
11:40am - 12:00pm	Anesthetic Considerations for Robotic Thoracic Surgery



Urology: "Expansion of Robotics in Urologic Oncology" • 1:00pm - 4:00pm

COURSE CHAIRS: Chris Kane, MD & Ashutosh Tewari, MD, INVITED SPEAKERS: Raj Pruthi, MD & Ithaar Derweesh, MD

This ½ day course is to give attendees an overall understanding of how robotics is impacting Urologic Oncology. This course will cover topics such as port placement and operative technique in addition to discussing indications, limits of dissection and complications of lymphadectomy at the time of robotic radical prostatectomy.

Objectives

At the conclusion of this activity, participants should be able to:

- Describe the methods and impact of posterior reconstruction and anterior reconstruction after robotic radical prostatectomy
- Describe the indications, limits of dissection and complications of lymphadectomy at the time of robotic radical prostatectomy
- Outline the port placement, operative technique, outcomes and complications of robotic partial nephrectomy
- Outline the key steps of robotic radical cystectomy

1:00pm - 1:05pm	Welcome Session – Dr. Kane & Dr. Tewari
	Refining Robotic Prostatectomy
1:05pm - 1:45pm	Anatomic Restoration Technique Video and Outcomes – Dr. Tewari
1:45pm - 2:00pm	Challenging Case Discussion Moderator – Dr. Kane
	Robotic Partial Nephrectomy
2:00pm - 2:30pm	How to Video (port placement, vascular control, excision and renorrhaphy) – Dr. Derweesh
2:30pm - 2:45pm	Summary of Current Published Series – Dr. Kane
2:45pm - 3:00pm	Break
	Robotic Radical Cystectomy
3:00pm - 3:45pm	Video of Technique and Summary of Outcomes – Dr. Pruthi
3:45pm - 4:00pm	Case Discussion and Q&A – Dr. Tewari

THURSDAY, JANUARY 28, 2010

7:00am

Breakfast

8:00am - 12:00pm

½ DAY COURSE: Allied Health Course

This ½ day didactic course has been designed specifically for allied health members. This course will provide detailed lectures focusing on positioning of the robot, description of the instruments used during robotic procedures, finances, reimbursement procedures and issues, and competency. This course will be included in the \$130.00 allied member registration rate. More information on the course can be found at www.mirasurgery.org.

8:00am - 10:00am

Welcome and Plenary Session – SESSION MODERATOR: Santiago Horgan, MD

10:00am - 10:30am

Break w/ Exhibitors

10:30am - 12:00pm

Presidential Address and Presidential Plenary Session

"Past, Present and Future of MIRA" – Mehran Anvari, MD

INTRODUCTION: Santiago Horgan, MD (*Top abstracts will be presented during this session*)

12:00pm - 1:00pm

Lunch/Exhibits

1:00pm - 5:00pm

3 CONCURRENT SESSIONS (presented with SAGES)

1)Urology: "Robotic Lymph Node Dissection During Prostatectomy and Cystectomy; Current Status" – Chris Kane, MD, MODERATOR: Ashutosh Tewari, MD

2)Gynecology: "Robotics vs. Laparoscopy for Endometrial and Cervical Cancer" – Pedro Ramirez, MD
"Robotics for Ovarian Cancer" – Javier Magrina, MD MODERATOR: Javier Magrina, MD

3)General Surgery: "Use of Robotics on SILS and NOTES™" – Dmitry Oleynikov, MD

"Potential New Directions for Robotic Surgery" – Richard Satava, MD, MODERATOR: Garth Ballantyne, MD

5:30pm - 7:00pm

Welcome Reception in Exhibit Hall

**Faculty subject to change*

SCHEDULE-AT-A-GLANCE continued

FRIDAY, JANUARY 29, 2009

*Faculty subject to change

7:00am - 8:00am Breakfast and Business Meeting for MIRA Members

8:00am - 10:00am Video Presentations

10:00am - 10:30am Break w/ Exhibitors

10:30am - 12:00pm Keynote: TBD – INTRODUCTION: Mark Talamini, MD

12:00pm - 1:00pm Lunch w/ Exhibitors

1:00pm - 5:00pm 3 Concurrent Sessions

1) **Colorectal** (Presented with ASCRS)

“Robotic Rectal Surgery-Current Status” – Leela Prasad, MD, MODERATOR: James Fleshman, MD

2) **Head/Neck-Thoracic (Surgical Oncology)** – MODERATOR: Farid Gharagozloo, MD

3) **Pediatric**

“Robotics and Pediatrics General Surgery... The Endless Applications” – John J. Meehan, MD

6:30pm - 9:00 pm **Social Event:** This year’s social event will be taking place at the USS Midway Museum. Join us aboard a U.S. Navy aircraft carrier and have the chance to catch up and unwind with your fellow colleagues.

SATURDAY, JANUARY 30, 2009

7:00am - 8:00am Breakfast

8:00am - 10:00am **Plenary Session: Emerging Technology and Education in Training**

KEYNOTE: Gregory Hager, PhD, MODERATOR: Richard Satava, MD

10:00am - 10:30am Break w/ Exhibitors

10:30am - 12:00pm **Presidents Panel** This panel will consist of invited Presidents from sister societies such as ASCRS, SLS, AUA, etc to discuss the impact that robotics has had on their specialties.
MODERATOR: Jacques Hubert, MD

HOTEL/RESERVATION INFORMATION

MIRA has reserved a block of rooms at the **Manchester Grand Hyatt**. Please make sure to book your room by Monday, January 4, 2010 to receive the discounted rates. To reserve your room please visit: https://resweb.passkey.com/Resweb.do?mode=welcome_ei_new&eventID=1459483

Guests will be able to make and/or modify their hotel reservations, as well as take advantage of amenities or other services offered by the hotel.

In addition to the website, guests can also call the dedicated reservation phone line for the MIRA Meeting: **+1.402.592.6464**

The following rates are being offered:

Single/Double: \$189.00 USD • **Triple:** \$214.00 USD

Quadruple: \$239.00 USD • **Suite:** \$378 USD (based on a one bedroom rate)

HOTEL INFORMATION

Manchester Grand Hyatt

One Market Place • San Diego, CA 92101

TELEPHONE: **+1.619.232.1234** FAX: **+1.619.239.5678**

The Manchester Grand Hyatt in downtown San Diego is ideally placed to let you explore all this area has to offer. Step outside the doors to Seaport Village and cruises on the Bay, walk to the Gaslamp Quarter, visit the San Diego Zoo and SeaWorld then browse museums in Balboa Park. Discover the advantages of this San Diego resort, distinctively heralded among downtown San Diego hotels.

REGISTRATION INFORMATION

1. Register online at www.mirasurgery.org/2010congress/index.php
2. Fax completed registration form to:
+1.310.437.0585 Attn: MIRA Registration
3. Mail completed registration form to MIRA Registration:
Minimally Invasive Robotics Association
11300 W. Olympic Blvd., Suite 600 • Los Angeles, CA 90064

Payment in full must accompany registration form. Advance registration is through January 4, 2010. After January 4, 2010 attendees must register on-site. Late registration (after January 4, 2010) and on-site registration will incur an additional charge of \$75.00 USD.

SPECIAL SERVICES

The Minimally Invasive Robotics Association wishes to ensure that no individual with a disability is excluded, denied services, segregated, or otherwise treated differently because of the absence of auxiliary aids and services. If you require auxiliary aids or services, please indicate your needs on the registration form enclosed in this program.

Please direct all questions concerning registration to the Meeting Registrar at **+1.310.424.3353, ext. 128**, or registration@mirasurgery.org

LOCAL AIRPORT: San Diego-Lindbergh Field Airport (SAN) – approximately 3 miles.

When exiting the terminals, follow the signs to Downtown San Diego and Interstate 5. Stay in the right lane and this will deposit you onto North Harbor Drive. Continue south on North Harbor Drive approximately 3 miles along the waterfront. Go one block past the Seaport Village entrance (Kettner Boulevard). Turn right at Market Place into the hotel’s main entrance.



MIRA 5TH INTERNATIONAL CONGRESS



REGISTRATION FORM • January 27-30, 2010 • San Diego, California

I am unable to attend but I would like to be updated on all future conferences.

Email Address: _____

Registrant Information

Prefix: _____ First Name: _____ MI: _____ Last Name: _____ Degree: _____

Organization/Institution: _____

Address: _____ City, State, Zip: _____

Phone: _____ Fax: _____ Email: _____

Medical License Number (mandatory): _____

Please check your professional category and registration*:

Member **\$385.00 USD** Non-Member **\$495.00 USD** Resident/Fellow **\$145.00 USD** Allied Health **\$130.00 USD**

Post-Graduate Course & Hands-On Course Selection

All Courses will take place on **Wednesday, January 27, 2010** • There is limited room for the hands-on courses. Participation in the Master Robotics Hands-On Courses require previous robotic training. Participants who register will be screened for experience.

Master Robotics Hands-On Courses:

- Colorectal (Morning Didactic/Afternoon Hands-On): **\$895.00 USD**
- Urology (½ day course: 8:00am - 12:00pm): **\$895.00 USD**
- Gynecology (½ day course: 1:00pm - 5:00pm): **\$895.00 USD**

Post-Graduate Courses

Robotic Thoracic Surgery (8:00am - 12:00pm)

- Member: **\$200 USD**
- Non-Member: **\$250 USD**
- Resident/Fellow: **\$150 USD**

Urology PG Course (1:00pm - 4:00pm)

- Member: **\$200 USD**
- Non-Member: **\$250 USD**
- Resident/Fellow: **\$150 USD**

Late Fee due after January 4, 2010: **\$75.00 USD**

Accompanying Guest: **\$175.00 USD** (this guest will have access to the reception, social event and exhibit hall during the meeting)

Total Due: \$ _____

*Registration fee includes breakfasts, lunch, and breaks for all registrants. The evening reception and the social event are included for all registrants.

Payment Information

Check (Please make payable to the **Minimally Invasive Robotics Association: MIRA**)

Credit Card (Circle one: Mastercard Visa AMEX)

Number: _____ Exp. Date: _____ CVC II Code (last 3 digits on back of card): _____

Name: _____ Signature: _____

Cancellation and refunds: To receive a refund less a \$30.00 USD administration fee, cancellations must be in writing or by fax and MUST be received by January 4, 2010. NO REFUNDS WILL BE GIVEN ON SITE. Fax: +1.310.437.0585

ADA Statement: In compliance with Americans with Disabilities Act, we will make every reasonable effort to accommodate your needs. For any special requests, please call Maribeth Balon at +1.310.437.3353, ext. 125, before January 4, 2010.

Mail or fax this form with payment to:

MEETING REGISTRAR: **11300 W. Olympic Blvd., Suite 600 • Los Angeles, CA 90064**
PHONE: **+1.310.424.3353, ext 128** FAX: **+1.310.437.0585** EMAIL: **registration@mirasurgery.org**



COURSE CHAIR: Sonia Ramamoorthy, MD
PROGRAM CHAIR: Santiago Horgan, MD

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See Registration Form
on page 7.

5TH INTERNATIONAL CONGRESS



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