

PILLS....

MISC hosted the Symposium of the Asia-Pacific Working Group on NOTES on Jan 26

MISC Team won the Award at the 93rd Congress of American College of Surgeons for the study: RCT on the use of fibrin glue VS staplers fixation in TEP Hernia Repair.

1st Asia-Pacific Workshop on NOTES hold on February 22-23, 2008

2008 UPCOMING ACTIVITIES:

- Basic Laparoscopic Course
April 18-19
July 25-26
October 17-18
- Abdominal Wall and Hernia Repair Workshop
April 21-22
- Flexible Endoscopy Workshop
April 25-26
September 5-6
- Medical Video Editing Workshop
June 14
November 8
- NOTES Workshop
November 28-29
- Pediatric Surgery Workshop
November 15-16
- Robotic Surgery Workshop
November 13-14

MINIMALLY INVASIVE SURGICAL CENTRE (MISC)

News @ MISC



www.misc-asia.com



Another recognition, also in 2008 all MISC educational activities are endorsed by the Society of American Gastrointestinal Endoscopic Surgeons (SAGES) and Endoscopic and Laparoscopic Surgeons of Asia



MISC experimental feasibility studies continue on Natural Orifice Trans-luminal Endoscopic Surgery (NOTES) with new procedures.



KTP Advanced Surgery Training Centre: **Now Open**

The Khoo Teck Puat Advanced Surgery Training Center (ASTC) is now open! Ever since its opening, it has hosted notable workshops such as NOTES, Urology and Cardiovascular surgery. The ASTC boasts a range of amenities, which includes a Lecture theatre, Seminar hall, STLab, MediaConf Room, e-Library, Microsurgery Lab and the Full-HD SMART Lab for live tissue training.

Located at the 2nd level of the National University Hospital Kent Ridge Wing, the new Centre has a cutting edge Simulation & Training Lab (STL). It is equipped with different Virtual Surgical Simulators for laparoscopic, endoscopic, cardiovascular and urology surgery for FLS trainers.

The Seminar Hall can play host to up to 60 delegates, is fully equipped with 3-D Projection, Audience Response Systems for automatic polling, international and local teleconferencing facilities. The library is fully digitized with web access, editing facilities and interactive digital videos. Need a break in between training or lecture sessions? Our garden patio is the very place to be at.

The core of the Centre is the new wet laboratory facilities called SMART Lab (Surgery & Minimal Access Research and Training Laboratory). SMART Lab is a Full HD training venue, which provides 10 Operating tables and the latest technology for minimally invasive, open and microsurgery for all surgical specialties.

The new “No Scar Surgery “ by D. Lomanto

Better known as Natural Orifice Transluminal Endoscopic Surgery (NOTES), this form of surgery has gone from the drawing boards to a rapid development, filling the scientific journals, congress and medical communities with articles, studies and comments.

Certainly, NOTES is a totally new surgical and operative technique (under investigation), that will address intra-abdominal surgical pathologies without the need for any skin incision. During a NOTES procedure, natural orifices are the entry points into the abdominal cavity and may include the mouth (stomach), anus (rectum), and the vagina. Through the natural orifice, an optical source is inserted to gain the vision of the peritoneal cavity. Usually this is performed by inserting a flexible endoscope through a transluminal gastrotomy, colotomy, or vaginotomy before the peritoneal cavity is entered. At this moment, surgical procedures such as cholecystectomy, appendectomy, oophorectomy, ventral hernia and many others can be performed or at least has been performed in experimental studies. Few human procedures has also been reported from India, USA, France, and South America.

It was Dr. Kalloo, a gastroenterologist from Massachusetts General Hospital in the US, that first presented the idea of performing a cholecystectomy without a skin incision at the Society of American Gastrointestinal Endoscopic Surgeons (SAGES) meeting in 1997. The audience was ambivalent, but for those who shared his optimism and vision, it was the impetus to move on to greater heights. Animal trials for this new technique began and continue all over the world with varied but promising results. A new instrumentation is going to be developed and all the major surgical research Centres worldwide are going to experience it.

The development of NOTES took a giant leap when Drs. Reddy & Rao of India successfully performed Transgastric Appendectomies in 7 human subjects. Sensing an impending revolution in modern surgical care, In USA, SAGES and ASGE were quick to form the Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR), in Europe EATS was born and in Asia-Pacific a Working Group was made to carefully evaluate and study the feasibility and safety of NOTES for possible human use in the near future.

The debate is still raging whether NOTES is actually a minimally invasive procedure or, on the contrary, is actually more invasive than laparoscopic or even conventional open surgery. Logical as it may seem to use a natural orifice to gain entry into the abdomen rather than to create one, NOTES contradicts the basic surgical principle of not violating abdominal compartments especially the hollow viscus. Traditional surgical education and training has always dwelled into keeping the bowel pristine to avoid dreaded life threatening complications but NOTES advocates are breaking this time-honoured principle.

It is for this reason that MISC is pooling its vast technical and human resources to conduct an enormous research activity which will carefully evaluate NOTES and other state-of-the art minimally invasive surgical options such as nanotechnology robotics.

**** New techniques are inevitable occurrences that we deal with everyday in our practice as healers. To be dynamic surgeons, we cannot just totally reject changes that may actually redefine our way of life. One must keep an open mind and give new horizons a chance for proper evaluation. After all, there is only one thing ever CONSTANT in this world; and that is CHANGE.*



Report from the 3rd International Congress of the Asia-Pacific Hernia

The 3rd International Congress of the Asia - Pacific Hernia Society with the theme “*Innovation Through Experience and Technology*” has been a milestone in the brief history of the Society. The Congress was a successful event which was graced by more than 450 participants from more than 33 countries. A renowned Panel of 60 Invited Faculties from worldwide contributes significantly to make this scientific event an unforgettable one. A variety of interesting topics from laparoscopic techniques for the different types of hernia to the latest biomaterials and Meshes has been highlighted in the two and the half days of the Congress. Debates and Scientific Presentation of their own experience by different hernia surgeons from the Asia-Pacific Area and from overseas contribute significantly to the exchange of knowledge among all the Delegates.

The Opening Ceremony was officiated by Prof. Satku, Director of Medical Services, Ministry of Health, Republic of Singapore followed by a Multicultural Dance Performance and by the Opening Lecture by T. E Udawadia, Founding Member of the APHS and President of the International Federation of the Surgical Endoscopic Societies with the title of: State-of –the Art of Hernia Repair in Asia-Pacific. He brought up all the economic and poor-related issue related to the healthcare in developing countries, stating hernia as one of the most affected since it is a common surgical procedures. Two Expert Panels Forum focused on crucial aspect of Inguinal and Ventral Hernia were the “key” of the Program where the Panelists interacts with the audience, capturing their experience on live and discussing over it. Original Studies, overview Lectures from experts, selected surgical videos kept the attention of all the delegates during sessions.

The Bassini Prize for the Best Oral (Dr. T. Nagahara), The The Stoppa prize for the Best Video (Dr. R. Parthasaratha) and the best Poster Presentations Cooper’s Prize (Dr. Aung Moe M), were selected by an International Scientific Committee, and was awarded by Dr. Pradeep Chowbey, President of the APHS. The medical companies and all the sponsors were rewarded for their strong support to the organizing committee.

Now the APHS has grown in numbers, more than 600 surgeons are members in the region and worldwide and the next 4th APHS Congress will be held in the scenic Beijing soon after the Olympic Games. It will be another unique and unforgettable social and scientific event where myself and all the APHS Committee welcome all of you. Visit: www.aphs2008.com for more information.

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