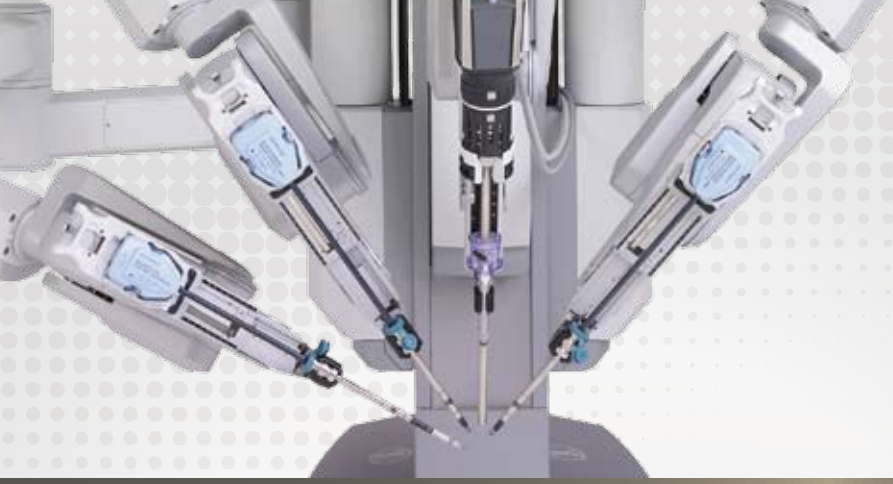

Robotic Surgical System Training Programme

ORGANIZED BY

MSC CUHK
CUHK Jockey Club
Minimally Invasive Surgical Skills Centre

ENDORSED BY

INTUITIVE SURGICAL®

SUPPORTED BY

CHINDEX


da Vinci Si HD
SURGICAL SYSTEM

About the MISSC

The Chinese University of Hong Kong Jockey Club Minimally Invasive Surgical Skills Centre (MISSC), the first of its kind in the Asia Pacific region, provides quality assured MIS training and practice to surgeons across a wide range of specialties.

The following state-of-the-art equipment and facilities are available:

- The world renowned da Vinci Si® Surgical System
- Surgical Skills Laboratory
- Simulated Operating Theatre
- Microsurgical and Endoscopic Skills Laboratory
- Virtual Reality Laboratory
- Telecast Enabled Seminar Room

Situated at the Prince of Wales Hospital, Hong Kong, the MISSC was established in 2005 by CUHK's Faculty of Medicine and enjoys the sponsorship of the Hong Kong Jockey Club and the Kai Chong Tong Foundation.

Through its year round courses and workshops, the MISSC is bringing about very substantial knowledge and experience exchange among surgeons. It is significantly improving the quality of patient care across the region and beyond.

Recent collaborations have been established with the International Training Centre of Intuitive Surgical®, Inc.— the designers and manufacturers of the robotic assisted da Vinci® Surgical System as used in the MISSC. Intuitive Surgical® issues certifications for all courses in robotic assisted laparoscopic surgery conducted at the MISSC. This is one of the very few centres outside the US to offer such courses.

Since 2008, about 400 surgeons and 250 nurses have completed their robotic trainings at the MISSC.

Course Overview

The course covers the important clinical aspects of robotics as used in a wide variety of specialties. Surgeon faculty and Intuitive Surgical® certified product trainers demonstrate OT configuration, system preparation, patient positioning, and port placement as well as pre-, intra- and post-operative techniques using the robotic surgical system.

Who Should Attend

This course is designed specifically for surgeons who have or will shortly have access to a da Vinci® robotic surgical system and who are interested in learning robotic assisted laparoscopic surgery.

Course Objectives

By the end of the training programme, participants should be able to:

- List the basic features and potential benefits of the robotic surgical system
- Understand the application of various instruments
- Demonstrate the techniques of laparoscopic suturing and knot tying using robotics
- Articulate patient selection, patient positioning, surgical techniques, indications and contraindications in performing robot assisted procedures

Accredited Trainers

Professor Anthony CF Ng

Professor and Deputy Chief, Division of Urology, Department of Surgery, The Chinese University of Hong Kong

Professor Ng is experienced in laparoscopic and robotic surgery, and has been involved in the development of robotic urological surgery in the centre, first in Hong Kong and China, since 2005. He has been also involved in trainings for laparoscopic and robotic surgery in animal surgery settings. He also actively shares his experience in robotic surgery in the region, in particular China.

Ms. Michelle Leong

Clinical Application Specialist, Chindex Hong Kong Limited

Ms Leong is a Singapore Registered Nurse and holds a BA in Health Science from the University of Sydney. She has attended training at Intuitive Surgical® training centres at Hackensack University Medical Centre, NJ and the University of California San Diego, CA, as well as Intuitive Surgical® headquarters in Sunnyvale, CA. She has also completed advanced training at the IRCAD Training Centre, Strasbourg, France.

The MISSC has delivered robotic surgery training for general surgery, urology, gynaecology, paediatric surgery, trans-oral surgery, cardiac and thoracic surgery.

Course Types

1. Certification Programme

This is a two-day hands-on training course using the da Vinci® Surgical System platform for surgeons to learn and practice the application of the surgical robot. It is comprehensively designed to have participants understand the theoretical system and experience "live surgery" on the porcine model. The team of two participating surgeons will be trained in the role of Console Surgeon and/or Patient-side Surgeon. Upon completion of the training, a certificate will be issued to each of the surgeons. Nurses are most welcome to come alongside signed up surgeons.

Fee per a team of two: **US$ 6,500 / HK$ 52,000**

2. Refresher Course for Console Surgeon

This one-day training is dedicated to surgeons in a team of two or more as arranged with the center who have successfully completed the certification programme and would like to have further practice on the system or to perfect a particular robotic surgery skill. The training will concentrate on hands-on practice using animal tissues or the live porcine model. Course contents can be tailored to the needs of the participating surgeons at the discretion of the trainer.

Fee per a team of two: **US$ 3,500 / HK$ 28,000**

3. Compact Course

This is a one-day programme designed for surgeons who might have access to the system soon and prefer an introduction and simple hands-on session on the system. It will be conducted in a preliminary manner and will include a practical session on animal tissues with the intention of giving the participant a sense of both how the system works and potential benefit for patients. No certificate will be issued for this abbreviated session.

Fee per a team of two: **US$ 2,000 / HK$ 16,000**

4. Off-site Training for Nurses

This is a two-day program designed for OR nurses who would be responsible for pre-op system set-up, intra & post-op management. Other than hands-on practice on draping, endowrists instrument handling, system storage, etc, participating nurses would learn the various trouble-shooting management. da Vinci Field Engineers, experienced robotic nurses from OR and Theatre Sterile Supply Unit would share their experiences during the training. Case observation could be arranged depending on the availability of OR schedule.

Fee per a team of five: **US$ 2,800 / HK$ 22,400**

Certification Programme

Day 1 Programme

0900 – 0915	**Arrival and Registration** Programme Overview
0915 – 1045	**System Overview** - Moving, connecting and starting of the system - Overview of reusable accessories - Overview of disposables - Overview of instruments - Draping of the system - Manipulation of the surgical arms - Docking configuration - Port placement philosophy - Installation technique
1045 – 1100	*Tea Break*
1100 – 1300	**Robotic-assisted Surgical Skills Laboratory (Porcine Lab)** - System installation on a porcine model - Start of dissection - Instrument changing techniques during dissection - Efficient management of instrument and camera arms - Robotic suturing and knots tying training - Vascular control for vessels - Specific tasks to achieve
1300 – 1330	*Lunch at the MISS Centre*
1330 – 1645	**Robotic-assisted Surgical Skills Laboratory (Porcine Lab)** - Resume dissection
1645 – 1700	**End of Dissection** - Undocking the system from the animal - Undraping, compacting and shut-down of the system - System storage - Post-operation management of instruments and accessories - Question and answer session

Day 2 Programme

0900 – 1000	**Pelvic Trainer / Web Lab**
1000 – 1300	**Robotic-assisted Surgical Skills Laboratory (Porcine Lab)** - System start up and draping by participants - Installation on animal by participants - Start dissection - Specific Tasks to achieve and complete - Optional procedures - Power failure simulation - Alarms management - Instrument changes
1300 – 1330	*Lunch at the MISS Centre*
1330 – 1645	**Robotic-assisted Surgical Skills Laboratory (Procine Lab)** - Resume dissection
1645 – 1700	**End of Dissection** - Urgent system removal simulation - Undocking the system from the animal - Undraping, compacting and shut down of the system - System storage - Post operation management of instruments and accessories - Question and answer session

Programmes and procedures remain subject to change.

Refresher Course for Console Surgeon

Programme

0900 – 0915	**Arrival and Registration** Programme Overview
0915 – 1045	**System Overview** - Moving, connecting and starting of the system - Overview of reusable accessories - Overview of disposables - Overview of instruments - Draping of the system - Manipulation of the surgical arms - Docking configuration - Port placement philosophy - Installation technique
1045 – 1100	*Tea Break*
1100 – 1300	**Robotic-assisted Surgical Skills Laboratory (Porcine Lab)** - System installation on a porcine model - Start of dissection - Instrument changing techniques during dissection - Efficient management of instrument and camera arms - Robotic suturing and knots tying training - Vascular control of vessels - Specific tasks to achieve
1300 – 1330	*Lunch at the MISS Centre*
1330 – 1700	**Robotic-assisted Surgical Skills Laboratory (Porcine Lab)** - Resume dissection

Compact Course

Programme

0900 – 1700

Arrival and Registration
Programme Overview

System Overview
- Moving, connecting and starting of the system
- Overview of reusable accessories
- Overview of disposables
- Overview of instruments
- Draping of the system
- Manipulation of the surgical arms
- Docking configuration
- Port placement philosophy

Robotic Suturing Training

Off-site Training for Nurses

Day 1 Programme

0900 – 0915	**Registration & Breakfast**
0915 – 1200	Da Vinci surgery presentation, community Da Vinci port placement philosophy Group activities and set expectations for afternoon labs
1200 – 1300	*Lunch at MISS Centre*
1300 – 1700	**Dry Run Simulation** - System training - Draping - Group activities - Undraping, compacting and shut-down of the system - System storage - Post-op management of instruments and accessories
1700 – 1730	Questions / Answers

Day 2 Programme

0900 – 0915	**Registration & Breakfast**
0915 – 1000	Efficiency & management (OR scheduling, OR efficiency, staff efficiency) Instruments and sterilization meterials
1000 – 1200	Group activities Set expectation for afternoon labs Docking Protocol
1200 – 1300	*Lunch at the MISS Centre*
1300 – 1600	Troubleshooting presentation (with a Field Service Engineer) **Practical Session** - Power failure simulation - Alarms management - Instrument changes - Troubleshooting lab & activities - Emergency procedure - Error management (reporting Incidentals) - Mini-Test session
1600 – 1700	Experience Sharing with Robotic Nurse Specialist
1700	Questions / Answers Graduation / End of course

Programmes and procedures remain subject to change.

Acknowledgement of Support

LASEC Research Unit,
Prince of Wales Hospital
The Chinese University of HK

Contract research work, collaboration and vivarium facilities also available.
For enquireies please contact: E.mail: lru-pwh@cuhk.edu.hk Tel.: +852 3763 6203

Animal Ethics and Welfare

The robotic sessions at MISSC are supported by the professional staff of the Laboratory Animal Services Centre (LASEC) of the Chinese University of Hong Kong. Pigs are housed and cared for according to international standards, and every effort is made to minimize pain and distress. All procedures are only conducted following approval of the University Animal Experimentation Ethics Committee and under licence from the Hong Kong Department of Health.

Recommended Hotels

Regal Riverside Hotel, Hong Kong

34-36 Tai Chung Kiu Road
Sha Tin
Hong Kong
Tel: +852 2649 7878
Fax: +852 2637 4748
Email: rrh.info@RegalHotel.com
Website: RegalRiverside.com

Royal Park Hotel

8 Pak Hok Ting Street
Sha Tin
Hong Kong
Tel: +852 2601 2111
Fax: +852 2601 3666
Email: inquiry@royalpark.com.hk
Website: www.royalpark.com.hk

Hyatt Regency Hong Kong

18 Chak Cheung Street
Sha Tin
Hong Kong
Tel: +852 3723 1234
Fax: +852 3723 1235
Email: hongkong.shatin@hyatt.com

Location

CUHK Jockey Club Minimally Invasive Surgical Skills Centre
3/F Li Ka Shing Specialist Clinic (North Wing)
Prince of Wales Hospital, Sha Tin, Hong Kong

Tel: +852 2632 2644 Fax: +852 2632 4708
Email: info@hkmisc.org.hk
Website: www.hkmisc.org.hk

If you require special accommodation during your training days at the MISSC, please contact Genevieve Yung at +852 2632 2644 or genevieveyung@surgery.cuhk.edu.hk as soon as possible before the date of youir programme.

REGISTRATION

Personal Information

Title ○ Prof ○ Dr ○ Mr ○ Ms

First Name _____ Last Name _____ Position _____

Specialty _____ Institution _____

Mailing Address _____

Country _____ Telephone _____ Fax _____

Email _____ Procedures Target _____

Opt out: the above email address may be used for future follow-up or mailing purposes. Should you not wish to receive further email communications from us, please opt out by checking here ☐

Partner's Name _____ Partner's Institution _____

Partner's email _____

Preferred Date of Training

1st Choice : _____ 2nd Choice : _____

Registration Fee

○ Two-day Certification Programme	HK$ 52,000 (US$ 6,500) per team of two surgeons
○ One-day Refresher Course for Console Surgeon	HK$ 28,000 (US$ 3,500) per team of two surgeons
○ One-day Compact Course	HK$ 16,000 (US$ 2,000) per team of two surgeons
○ Off-site Training for Nurses	HK$ 22,400 (US$ 2,800) per team of five nurses

- Fee covers all programme instruction, materials and scheduled meals
- Attendees are responsible for their travel, lodging and additional meals

Payment#

○ A cheque/bank draft in HK$/US$ _____ made payable to "The Chinese University of Hong Kong" is enclosed.

○ I hereby authorise The Chinese University of Hong Kong to debit HK$ _____ from my credit card below:

Type (please "√") ○ Visa ○ Mastercard

Name of Cardholder _____ Expiry Date (mm/yy) _____ / _____

Card Number _____ CVV No. _____ (the three-digit CVV number is located on the signature panel on the back of the card immediately after the card's account number)

Cardholder Signature _____

One of the two payment options must be selected with a √.

Terms & Conditions:

1. *Cancellation* Any application for cancellation or substitute attendee must be submitted to the Organiser in writing at least three (3) weeks before the programme date. A cancellation charge of 50% of the course fee will be applied if less than three (3) weeks' notice of cancellation is given. The Organiser reserves the right to reschedule or completely cancel the programme. The course fee will be fully refunded only in the event of complete cancellation .
2. *Indemnity* The attendee shall indemnify the MISSC and The Chinese University of Hong Kong for any loss and/or damage including personal injury, death or property damage, whether direct, indirect, special or consequential, resulting from or caused by the attendee's act, omission, default or negligence during the course.
3. *Equipment* The training will be conducted using the da Vinci® HD 4-armed system.
4. *Instrument* Any damage or breakage of instruments and equipments caused by improper use or failure in following the instructions given by the Course Director and Trainer, the participant shall bear 50% of the cost of reinstating or replacing of the damaged/ broken parts.

Please return your completed form with payment to:

CUHK Jockey Club Minimally Invasive Surgical Skills Centre
3/F, Li Ka Shing Specialist Clinic (North Wing)
Prince of Wales Hospital, Sha Tin
New Territories, Hong Kong

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