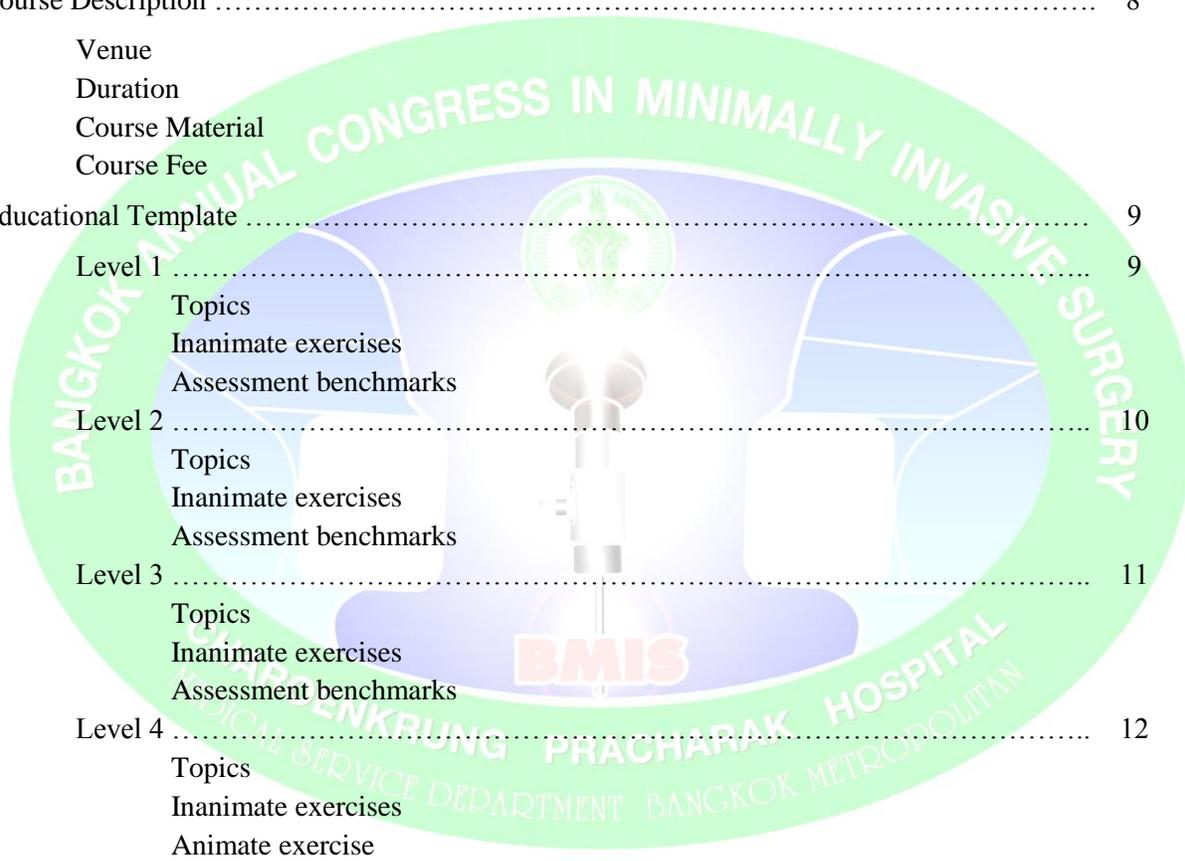




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COURSE OBJECTIVE

Charoenkrung Pracharak Hospital has been assigned by the governor, the chief of Bangkok Metropolitan Administration, to be the excellence centre for endoscopic surgery which is, later on, called Bangkok Metropolitan Excellence Endoscopic Centre (BMEC). The aim of BMEC is to improve welfare of the patient, as well as, promoting new innovations and researches into all aspects of minimally invasive surgery. With a limited number of medical healthcare providers, BMEC can only fulfill the policy in only a certain number of patients. This led to the concept of setting up the training program, whereby endoscopists who graduate from BMEC can provide standard endoscopic services with satisfactory outcomes for their patients. This aim is in concordance with The Asia-Pacific Association for Gynecologic Endoscopy and Minimally Invasive Therapy (APAGE) who wants to encourage more organize training for endoscopists in the Asia-Pacific Region. This course has set up in joint agreement between Bangkok Metropolitan Administration and Chang Gung Memorial Hospital with endorsement from APAGE. With this joint training program, we hope that the quality of women healthcare can be enhanced as well.

This course is designed for gynecologists who are interested in advancing their skills and knowledge in laparoscopic and hysteroscopic surgery. The training course is based on the hypothesis that each laparoscopic and hysteroscopic surgery is respectively linked to sets of definable knowledge, anatomy and skills. Candidate will be able to analyze patient preparation for endoscopic surgery, set up his/her operative room, understand the fundamental laparoscopic female pelvic anatomy, apply methods to safely enter the peritoneal cavity, describe the components and optics of laparoscopic and hysteroscopic instrumentations, understand the principle of electro-surgery and perform proper laparoscopic surgical procedures prior to graduation. Using a variety of models for hands-on practice, practical sessions will provide different methodologies to practice in tissue manipulation and dissection, the safe use of laparoscopic instruments, intracorporeal and extracorporeal laparoscopic knotting, interrupt and continuous laparoscopic suturing and reparation of bowel, bladder and ureteric injuries. A full spectrum of diagnostic and operative hysteroscopic procedures will also be implemented.



TRAINING COURSE FACULTY

Training Course Chairman

Wanchai Chantrapitak, M.D.

Director of Bangkok Metropolitan Excellence
Endoscopic Centre, Thailand

Training Course Vice-chairman

Kamol Srijuntuek, M.D.

Charoenkrung Pracharak Hospital, Thailand

Course Director

Veerapol Khemarangsarn, M.D.

Charoenkrung Pracharak Hospital, Thailand

Course Secretary

Mrs. Suprida Chuchuai

Charoenkrung Pracharak Hospital, Thailand

Instructor

Chutatip Tantayakom, M.D.

Charoenkrung Pracharak Hospital, Thailand

Honorary Advisory Board Chairman

Jeng-Yi Wang, M.D., Ph.D.

Superintendent of Chang Gung Memorial
Hospital at Linkou, Taiwan

Advisory Board Chairman

Professor Chyi-Long Lee, M.D., Ph.D.

Chairman of Board of Trustee, APAGE
Chang Gung Memorial Hospital at Linkou,
Taiwan

Advisory Training Committee Chairman

Yasuyoshi Hayashi, M.D., Ph.D.

Chairman of Training Committee, APAGE
Kawasaki Municipal Hospital, Japan

Advisory Course Director

Kuan-Gen Huang, M.D.

Course Director, APAGE
Chang Gung Memorial Hospital at Linkou,
Taiwan

Chih-Feng Yen, M.D.

Secretary in General, APAGE
Chief of endoscopic unit,
Chang Gung Memorial Hospital at Linkou,
Taiwan



CANDIDATE ELIGIBILITY CRITERIA

All gynecologists having exposure of open surgery are good candidate for the training course. He/she must show enthusiasms in improving endoscopic surgery.

COURSE REGULATION

1. Candidate has to pass all the assessment benchmarks that have been outlined prior to graduation.
2. Candidate has to complete 1- month training in course at Chang Gung Memorial Hospital for advanced surgery techniques.
3. An endoscopic paper has to be written and submitted prior to certification award ceremony.
4. Failure to pass training course in 2 years will be questioned and reconsidered.
5. Upon graduation, candidate has to register as the member of Thai Society of Gynecologic Endoscopy (TSGE) and participate actively in endoscopic activities.
6. All forms and training fee have to be submitted and complete before the beginning of training course.
7. Candidate has to be punctual in every appointment. In case of postponing, candidate has to inform secretariat one month earlier.
8. Candidate must be polite to the instructors and follow the instructions at all time.
9. In case of uncertain situation, final decision will be based upon the judgment of instructor.
10. Candidates must be in good standing with the other candidates, nurses and instructors.
11. Candidates have to pass every assessment benchmarks from Level I to Level IV in systemic order.
12. Candidates must handle patient with caution at all time.
13. Candidate must adhere to the patient's decision; she has the right to disagree on being subject in the training program.
14. Patients' safety should be considered as first priority in all circumstances.
15. Candidate must take part in responsibility for any mishap happens to the patient at all time.



COURSE DESCRIPTION

VENUE:

- Charoenkrung Pracharak Hospital, Bangkok, Thailand
- Chang Gung Memorial Hospital at Linkou, Taoyuan, Taiwan

DURATION:

- 1- Year course

This duration will cover all the laparoscopic topics, practical workshops, paper and practical examinations, 1-month advanced training course in Chang Gung Memorial Hospital, international animal workshop in Shanghai of APAGE and paper submission.

COURSE MATERIAL:

- DVDs containing laparoscopic videos of approximately 30 surgical procedures will be provided.
- BMEC: Companion Book Reading Recommending List of Gynecologic Laparoscopy.
- The post-training helps for candidates at their own hospitals. (This is to ensure that all our candidates will have a good and safe start in their first laparoscopic surgery.)

COURSE FEE:

- The total course fee is 100,000 Baht
- Course fee include all the lab materials, all the study materials, lunches and refreshments in Thailand. Cost to Taiwan and APAGE workshop in Shanghai are not included in this fee.
- In the event that candidate wants to cancel the course for any reason, candidate has to notify course secretary or course director no later than 2 weeks prior to scheduled date and a full refund of the registration will be issued. No refund can be made once the course has been started.



EDUCATIONAL TEMPLATE

LEVEL 1

TOPIC COVER:

- The overview of Laparoscopic gynecologic surgery
- Laparoscopic Anatomy of the Pelvis
- Physiology Changes in Laparoscopic Surgery
- Anesthesia in Laparoscopic Surgery
- Physics and Clinical Application of Electrosurgery
- Essential Laparoscopic System and Operative Room Setup
- Instrumentation and Sterilization in Laparoscopic Surgery
- Informed Consent Doctrine and Preoperative Counseling
- Preoperative and Postoperative Care
- Peritoneal Access Techniques
- Principle of Laparoscopic Port Position
- Laparoscopic Diagnosis
- Laparoscopic Sterilization
- Sonographic Assessment of Ureteric Jet
- Postoperative Documentation

INANIMATE EXERCISE:

- EXERCISE I: Ergonomic drilling exercise
- EXERCISE II: Two-hand coordination exercise
- EXERCISE III: Accurate sharp-cutting exercise

ASSESSMENT BENCHMARKS:

- Paper Assessment : Achieve >80% of examination points in Paper I
- Practical Assessment: Accomplish Exercise I-III in a specific time given during examinations
- Surgical Assessment: Ability to perform laparoscopic diagnosis, laparoscopic sterilization and ureteric jet flow sonography.



EDUCATIONAL TEMPLATE

LEVEL 2

TOPIC COVER:

- Complications of Laparoscopic Surgery: Prevention, Recognition, and Management
- Tissue Retrieval Technique
- Intracorporeal Knots in Laparoscopic Surgery
- Laparoscopic Port Closure Technique
- Laparoscopic Peritoneal Biopsy
- Laparoscopic Adhesiolysis
- Laparoscopic Dissection Technique
- Laparoscopic Management of Ectopic Pregnancy
- Laparoscopic Management of Ovarian Mass
- Fundamental Knowledge in Hysteroscope
- Hysteroscopic System and Instrumentation
- Cystoscope in Gynecology

INANIMATE EXERCISE:

- EXERCISE IV: Fine-peeling exercise
- EXERCISE V: Surgical-knot exercise
- EXERCISE VI: Sliding-knot exercise

ASSESSMENT BENCHMARKS:

- Paper Assessment : Achieve >80% of examination points in Paper II
- Practical Assessment: Accomplish Exercise IV-VI in a specific time given during examinations
- Surgical Assessment: Ability to perform laparoscopic peritoneal biopsy, laparoscopic adhesiolysis, laparoscopic adnexal surgery and cystoscope.



EDUCATIONAL TEMPLATE

LEVEL 3

TOPIC COVER:

- Ways to Identify Intraoperative Adhesion
- Extracorporeal Knots in Laparoscopic Surgery
- Intracorporeal Suturing in Laparoscopic Surgery
- Identification and Dissection of the Pelvic Ureter
- Laparoscopic Management in Endometriosis
- Laparoscopic –Assisted Vaginal Hysterectomy
- Laparoscopic Supracervical Hysterectomy
- Essential in Hysteroscopic Diagnosis
- Complications of Hysteroscopic Surgery: Prevention, Recognition, and Management
- Step by Step: Ureteric Catheter Insertion
- Breakthrough Difficulty (Part 1)
 - o Prior Laparotomy/Cesarean section
 - o Large or Malformed Pelvic Visceral Organs
 - o Dense Periovarian Adhesions

INANIMATE EXERCISE:

- EXERCISE VII: Fisherman-knot exercise
- EXERCISE VIII: Roeder-knot exercise
- EXERCISE IX: Endoloop exercise
- EXERCISE X: Needle-handling exercise

ASSESSMENT BENCHMARKS:

- Paper Assessment : Achieve >80% of examination points in Paper III
- Practical Assessment: Accomplish Exercise VII-X in a given time during examinations
- Surgical Assessment: Ability to perform laparoscopic-assisted vaginal hysterectomy, laparoscopic uterosacral nerve ablation, hysteroscopic diagnosis and ureteric catheter insertion.



EDUCATIONAL TEMPLATE

LEVEL 4

TOPIC COVER:

- Tips and Techniques in Video Editing
- Procedure in Total Laparoscopic Hysterectomy
- Laparoscopic Management in Myoma Uteri
- Restoration of Bowel, Bladder and Ureteric Injuries
- Clinical Pearls in Hysteroscopic Resection
- Breakthrough Difficulty (Part 2)
 - Posterior and Low Lateral Myoma
 - Severe Bowel Adhesion
 - Complete Obliteration of Cul-de-sac

INANIMATE EXERCISE:

EXERCISE XI: Interrupt suturing exercise

EXERCISE XII: Continuous suturing exercise

ANIMATE EXERCISE:

- One-day animal workshop will be held in Shanghai for restoration of bowel, bladder and ureteric injuries.

ASSESSMENT BENCHMARKS:

- Paper Assessment : Achieve >80% of examination mark in Paper IV
- Practical Assessment (inanimate): Accomplish Exercise XI-XII in a given time during examination.
- Practical Assessment (animate): Ability to perform ureteric identification and dissection, bowel and bladder reparations.
- Surgical Assessment: Ability to perform laparoscopic myomectomy and hysteroscopic resection.
- Clinical Assessment: This will be assessed by Advisory Board Chairman (Professor Chyi-long Lee) during 1-month stay at Chang Gung Memorial Hospital, Taiwan.



CERTIFICATION AWARD REGULATION

REGULATION:

The certification will be awarded as Diploma in Minimal Invasive Surgery organizes by Bangkok Metropolitan Endoscopic Excellence Centre (BMEC), whereby The Asia-Pacific Association for Gynecologic Endoscopy and Minimally Invasive Therapy (APAGE) has certified and fully endorsed for its competency as a qualified training centre. The award ceremony will be held annually at Charoenkrung Pracharak Hospital during our Bangkok Annual Congress in Minimally Invasive Surgery (BMIS).

However, the award will only be conferred on satisfactory completion of:

1. Training course Level I – IV assessment benchmarks
2. Complete 1-month advanced training course at Chang Gung Memorial Hospital with a satisfactory remark.
3. The submission of an article in APAGE e-journal
4. Paper presentation during Bangkok Annual Congress in Minimally Invasive Surgery.

PAPER SUBMISSION:

Each candidate ought to write an endoscopic paper during the training course. However, he/she can either make a research or review literature. Guidance will be given by the course director upon demand. His/her paper will be welcomed to submit in APAGE's e-journal and cordially invite to make a presentation in our Bangkok Annual Congress in Minimally Invasive Surgery prior to graduation.



CONTACT INFORMATION

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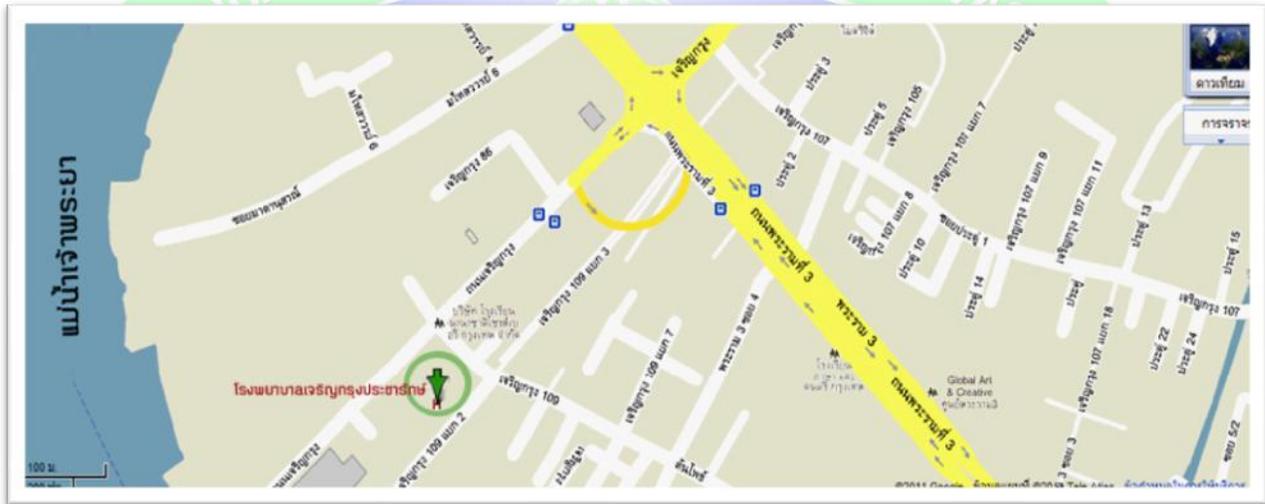
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Map of Charoenkrung Pracharak Hospital:



CHANG GUNG MEMORIAL HOSPITAL AT LINKOU, TAIWAN (CGMH)

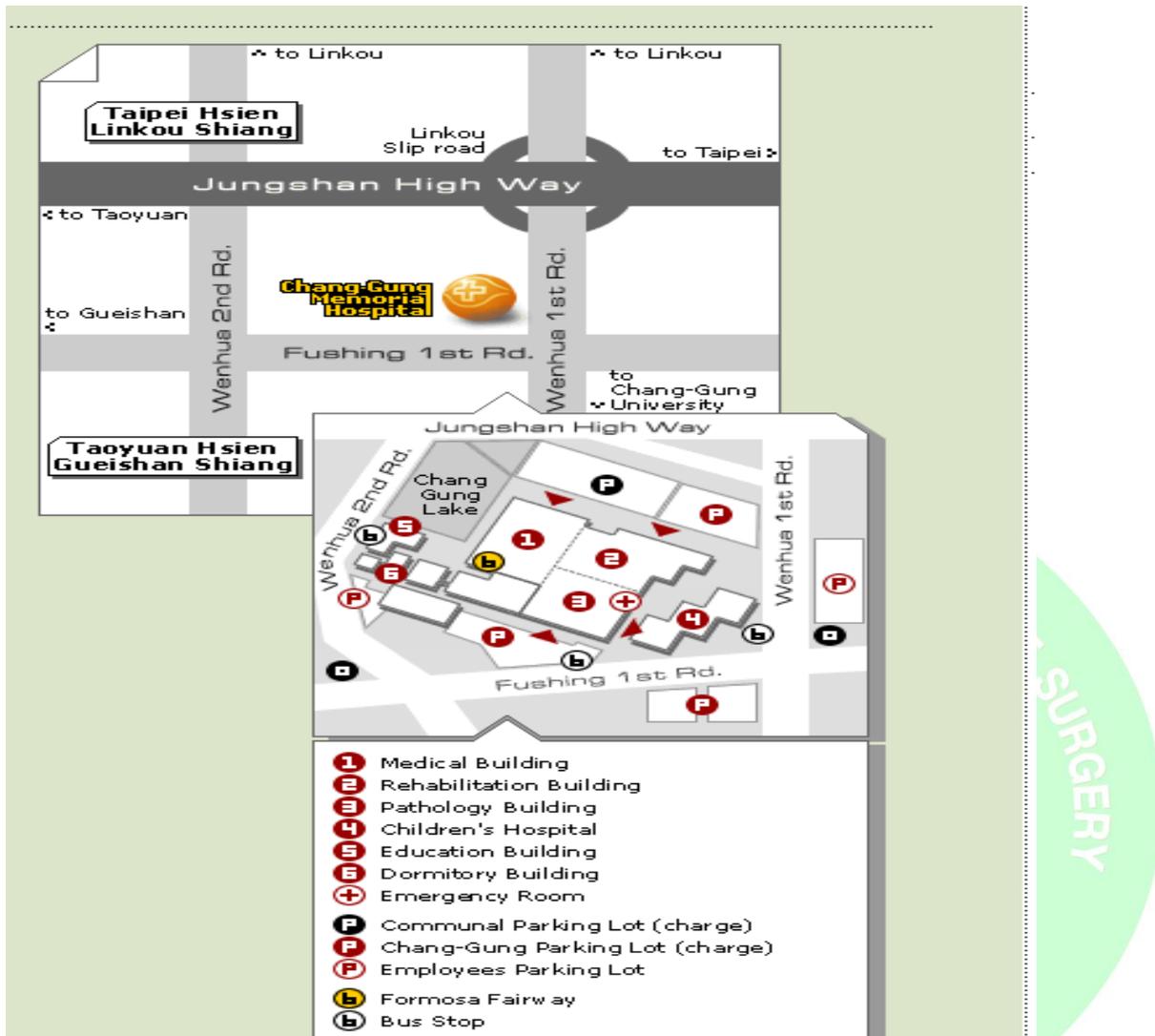
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Map of Chang Gung Memorial Hospital at Linkou, Taiwan:



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