

# Minimally Invasive Surgery Fellowship at SCH

*Director: Prof (Retd.) Dr. Mumtaz Maher. FRCS*

*Supervisor: Dr. Irfan Daudi .FRCS.*

*Coordinator: Dr. Abid Jamal .Diplomate American Board of Surgery.*

Dead Line for Applications 30<sup>th</sup> October 2018

Date of Commencement: November 15<sup>th</sup> 2018

Duration: 3 Months (Extendable to 6 Months); 6 Months

Videoscopic surgical technique has evolved significantly in the last 2 decades and in some cases has supplanted and in others offered a good alternative to open surgery. Practically all disciplines of surgery have inducted the Videoscopic technique. In keeping with the complexity of each specialty, it is not conceivable that a unified training program to encompass all disciplines is either possible or practical.

## **The Candidate**

We envisage that if a general surgeon who is well trained in basic general surgical techniques including at least laparoscopic cholecystectomy and appendectomy is given an intense mentored experience in a high volume practice, he/she should be able to become an independent surgeon in most if not all general surgical aspects of Minimally Surgery (MIS). This surgeon, henceforth called Fellow, will have completed a formal graduate training in General Surgery and obtained an exit qualification such as FRCS, MRCS, FCPS or American Boards. (MPhil, MS or MD Surgery may not apply for this fellowship.)

## **Fellowship goals.**

We feel that the Fellow will develop adequate skills to employ video endoscopy in his/her practice. Such a surgeon should also have a sound grounding in critical appraisal of current literature and we hope that he/she would take up at least clinical research and develop opportunities for same. The fellow should also develop a good working knowledge of regional CT scans, MRI and ultrasounds to be able to interpret these studies and understand their limitations. He/she should also develop a basic understanding of various tissue processing methods involved in Histopathology. We also expect basic technical knowledge of various gadgets and tools employed in video endoscopy.

## **South City Hospital.**

This is a 152 bed Tertiary Care Hospital (Pvt.) Ltd, located in Clifton Block -3, Karachi.

Following specialty services are offered:

- 1- Orthopedics.
- 2- Cardiovascular surgery and interventional cardiology.
- 3- Plastic Surgery.
- 4- E.N.T / Head & Neck.
- 5- Obstetrics/ Gynecology including advanced IVF / ICSI.
- 6- Urology.
- 7- Neurosurgery
- 8- General & Advanced Laparoscopic Surgery.

9- Ophthalmology.

10- Thoracic surgery and Pulmonology.

11- Trauma and Critical Care with 45 Critical Care beds of various designation. These are supported by ACLS teams, invasive and non-invasive ventilation, IABP, Hemodialysis, Cath.Lab, V.I.R etc.

12- Nephrology (and Hemodialysis Out-Patient Services as well)

13- General Internal medicine and specialties such as Endocrinology, Rheumatology, Psychiatry and Infectious disease.

14- Gastroenterology with all interventional procedures supported by a well-equipped interventional GI suite.

15- V.I.R.

16- Pediatric Surgery

17- Stem cell Treatment

18- Pediatrics

19- Neurology / Stroke Management

#### **Ancillary services.**

A full service laboratory, CT scan, M.R.I , Angiography suite, V.I.R and Ultrasound / Fluoroscopy provide modern diagnostic services.

Critical Care is supported by full time ER, Board Certified and Fellowship trained consultants round the clock.

Learning is a lifelong process. This fellowships hopes to seed that process in the appropriate candidate and expect that he/she will become a lifelong learner and teacher. We hope that the fellow will help establish similar and better programs elsewhere in the country and act as a multiplier and leader.

#### **Program Director.**

Prof. Dr. Mumtaz Maher is a pioneer in videoendoscopic surgery and has an extensive repertoire in general surgery and MIS. About 1000 cases of various mix both open and Videoscopic are performed In SCH annually by his team. He has conducted workshops nationally and is considered a leader in Pakistan in the field of general surgery, MIS and Surgical Oncology.

#### **Supervisor**

Dr. Irfan Daudi is a Senior General & Laparoscopic Surgeon. He brings a rich experience in teaching and training of surgeons. He will oversee and monitor the program.

#### **Program Coordinator.**

Dr. Abid Jamal will coordinate the fellowship program at SCH, Cancer Foundation Hospital and various sites and will review the progress with the Fellows and mentor. His main interest is MIS and Surgical oncology especially MIS applications in the latter field.

#### **Off-campus sites.**

In order to complement the fellow's experience 3 other extramural sites are being negotiated to augment endoscopy and Oncology experience. Off campus tutoring in basics of histopathology and attendance at off campus GI and Tumor Board meetings are being established.

#### **Videomentoring**

In order to expose the fellows to international mentors, videoconferencing with mentors in US, UK and other sites using high speed internet connectivity will be periodically made available. These will consist of patient care conferences and review of techniques.

## Typical Week

A typical workday for the fellow will start with morning round with house staff and a breakfast meeting with Dr. Mumtaz Maher to discuss patient management. Monday:

Tumor Board at Liaquat National Hospital (LNH) followed by fortnightly pathology review with Dr. Naveen Faridi. This will consist of the previous 2 weeks pathology reports. The fellows then head back to OR and join Dr. Maher.

PM rounds at 5 pm.

Tuesday:

8 to 11am Endoscopy rotation.

At 1130 am to join Dr. Maher in O.R Activities.

Wed/Thu. AM rounds.

Breakfast meeting with Dr. Maher followed by O.R Activities.

Friday: 8 to 10 am GI and Tumor Board meetings. Rounds, OR.

Sat. AM rounds followed by at Breakfast meeting and O.R Activities.

Sunday. Each fellow alternates on morning rounds on Sunday.

The fellows will attend afternoon and evening clinics during the week.

The typical day starts at 8am and ends between 6 and 7pm.

**Journal Club:** The fellows will conduct a critical reading session every week with Dr. Abid Jamal and Dr. Irfan Daudi.

**Essential readings:** At least 300 readings in the form of reviews, seminal articles and chapters from textbooks will be made available in electronic format. The Fellow is expected to read these and will have periodic reviews to assess critical appraisal.

**Monthly Quality Assurance Meeting.** All adverse and unexpected outcomes will be presented in monthly meeting and suggested remedial action proposed by the fellows. Monthly audit will also be presented.

**On Call:** Each fellow will take alternate call which will mean 24 hour availability by phone. It is expected that the fellow will be within a 15 minute radius of the hospital while taking call. The hospital has a very well trained house staff so it is expected that most of these calls will be troubleshooting by phone.

However any emergency consultations may be requested in house and the on call fellow will participate in any emergency calls to Dr. Maher.

On-call complimentary meals will be provided.

**Case log:** It is expected that each fellow will participate in at least 400 laparoscopic cases each and an additional 300 open cases as either first assistant or operating surgeon. The fellow will maintain a case log of all cases. He/she is also expected to do a minimum of 50 independent upper endoscopies and 100 lower endoscopies.

**Review of ancillary information and medical records:** Each case in which the fellow participates, will be the prime responsibility of the fellow. He/she will review all medical records and personally go over each radiology report and scan with the in house radiologist. All information and medical information will be neatly collated and recorded.

**Presentation at local SOS Chapter meetings Karachi.** Each fellow will periodical make case presentations to the monthly meetings and to other meetings from time to time.

**National and International meetings:** It is anticipated that fellows will be sponsored for national and international meetings where they will present their clinical material in the form of case series, reviews and video presentations. Each fellow will also write 2 original articles involving review of the laparoscopic work and new techniques and or case series. These must be presented and subsequently submitted for publication to peer reviewed journals.

**Vacations:** Can be considered.

**Stipend:** This will be given. (All applicable taxes will be deducted.)

**Health Insurance:** South City Hospital will insure the fellow and spouse/children comprehensively.

**Application requirements.**

- Complete updated CV.
- Recent digital photograph.
- Name of 2 recent referees.
- Copies of all diplomas, degrees and valid Registration Certificates (PMDC etc.)
- Contact Information: current postal address, landline and cell number, email address.
- Brief medical history and chronic health problems (if any).
- Misrepresentation and false disclosures will lead to automatic disqualification.
- ***Candidates must have FRCS / MRCS / FCPS / American Board of Surgery.***

***Dead Line for Applications: 30<sup>th</sup> October 2018***

***Address application to 'MIS PROGRAM' and mail to:***

***[info@southcityhospital.org](mailto:info@southcityhospital.org) or [munirsch@southcityhospital.org](mailto:munirsch@southcityhospital.org)***