

# Guidelines for EFIAGES

## Endoscopy Fellowship Course of IAGES

### Importance of EFIAGES

Indian Association of Gastrointestinal Endosurgeons is a growing and vibrant organization with more than 7000 members. It is an internationally renowned academic body with the vision of promoting and spreading the art and science of minimal access surgery throughout India and abroad. Friendship, Fellowship and knowledge sharing are the key strengths of IAGES. Further to the successful FIAGES and FALS courses, now IAGES has started the endoscopic training course for all IAGES members.

Structured endoscopic training is the need of the hour for all surgeons. While our surgical fraternity is witnessing revolution in the field of laparoscopic surgery, it is true that at present only few surgeons are competent in doing endoscopic procedures. Endoscopic skills are more than necessary in the era of laparoscopy.

Hence IAGES has come out with this 3 day intensive hands on endoscopic fellowship course for the benefit of its members. After the very successful pilot program at Erode in November 2017, now we are ready to take the endoscopic training program to the whole country.

### IAGES Membership is must

Those who are not members may apply for membership online!. See the website for more details. Number of years of experience in laparoscopic surgery should be 2 years and above. A certificate of experience has to be obtained from the HOD of the hospital/Institution as a supportive document. Attach Xerox copies of MBBS, MS or DNB certificate and MCI registration certificate.

### Highlights of the course

- *3 days of well supervised Hands on endoscopic course in clinical setting*
- *Live case demonstration, simulator training and lecture modules*
- *Friday to Sunday*
- *Must be a member of IAGES*
- *Course Fee usually*
  - Includes course Logbook, copy of Art & Science of Endoscopy book , Other course materials, Endoscopy consumables expenses , fee for animal model training, food and refreshments

## **Endoscopy Course syllabus**

This **3 day** IAGES Hands on endoscopic course comprises of **Lecture modules (11am-1pm & 4pm-8pm), Simulator training module (2pm-4pm), and live endoscopy sessions (9am-11am)**. We plan to cover all the important topics and teach various tricks of the trade that would aid all the trainees to learn the art and science of endoscopy.

### **Day 1: 9am-7pm**

- Introductory remarks: By Course Convener
- Step by step live demonstration of Diagnostic upper GI endoscopy cases
- Hands on experience in simulators ( Upper GI & Colon): In Small groups
  - Plastic models, Easie animal models and software simulators
- Lecture modules
  - Endoscopy : when to do and when not to do (20 min)
  - Recording and documentation of endoscopy and Endoscopy suite layout( 20 min)
  - Step by step approach to upper GI endoscopy & Image orientation( 45 min)
  - About Endoscopy hardware and its cleaning and maintenance (20 min)
  - Endoscopic pathology (60 min)
- MCQ assessment on day 1 (30 min/30 questions)

### **Day 2: 8am-6pm**

- Live demonstration of diagnostic/therapeutic upper GI endoscopy
- Hands on experience in simulators ( Upper GI & Colon): In Small groups
  - Plastic models, Easie animal models and software simulators
- Lecture Modules/Panel discussion
  - Role of Endoscopy in FB upper GI tract (20 min)
  - Endoscopy in the diagnosis and management of Upper GI malignancy( 20 min)
  - Endoscopy for GERD/Achalasia( 20 min)
  - ABC of colonoscopy (20 min)
  - ABC of ERCP( 20 min)
  - Panel discussions
    - Complications of endoscopy( 45 min)
    - Overview of therapeutic endoscopy (45 min)
- MCQ assessment on day 2 (30 questions/30 marks)

### **Day 3: 8am-4pm**

- Live demonstration of diagnostic/therapeutic upper GI endoscopy
- Hands on experience in simulator/ use of accessories( Upper GI & Colon)
- Optional live session of ERCP and colonoscopy cases
- Lecture modules
  - Advances of endoscopy (20 min)
  - Endoscopy in the era of laparoscopy (20 min)
- Logbook submission and Viva (20+20 marks): 10 min

### **Assessment of Trainees**

- MCQ on day 1 and Day 2 for 30 questions each (total 60 questions)
- Viva for 10 minutes (20 marks)
- Log book submission (20 marks)

All EFIAGES candidates should take up the examination. Only on satisfactory completion of assessment he/she would be eligible for '**Endoscopic fellowship of IAGES**'.

Certified members would receive the fellowship certificate during the EFIAGES convocation at the IAGES annual conference

### **EFIAGES: Non Examination Category:**

- Suitable for those candidates working as faculty in teaching institution and all surgeons with more than 10 year experience in doing endoscopy.
- Already IAGES member or should be eligible to become IAGES members
- Apply with an additional letter to the convener of the course clearly stating the number of endoscopy and colonoscopy done In the last 10 years and also mention regarding any therapeutic intervention performed
- Would be eligible to receive the EFIAGES fellowship on satisfactory completion of the EFIAGES endoscopy course and the informal interview. Decision of Endoscopy panel is final.

### **EFIAGES Board**

Patron: Prof B.Krishna Rau

Convener: Dr.S.Easwaramoorthy

Co conveners: Dr.Satyapriya De Sarkar

Dr.Sathish Midha

Dr.G.Govindaraj

Dr.T.Sivakumar

## **EFIAGES Faculty**

- Should be a IAGES member
- All the EC members with interest and experience in endoscopy
- Other senior IAGES members with wide endoscopic experience

## **Guidelines for hosting EFIAGES:**

- The local organizing committee comprising of Chairman, secretary and treasurer should express their interest in writing to Hon. Secretary and EFIAGES convener and confirm suitable venue and date and get the MOU signed. Treasurer of IAGES will guide the organizing team regarding opening, maintenance and submission of the account for the course.
- Venue should be ideally in the hospital setting with facility for Live endoscopy demonstration or transmission and enough space for simulator training ( 6-8 stations) and a 100 seated A/C lecture hall with A/V transmission facility
- Endoscopy suite should have at least 2-3 tables for conducting live endoscopy session with one of them with C arm provision and Boyle's apparatus. Provision of central suction and O2 are preferable. ECG monitors and pulse oximeter are needed. Anesthetist should be available for live endoscopy session and during administration of any sedation and subsequent monitoring
- It is expected that about 10-15 diagnostic upper GI cases are demonstrated during live endoscopy session on day 1 & 2 and therapeutic endoscopy and colonoscopy and ERCP can be done on day 3.
- Recovery room with access to monitoring facility and oxygen/suction is recommended.
- Resuscitation trolley with all emergency drugs /defibrillator should be made available
- Simulator training stations should be arranged as per the guidelines of course convener. Plastic Gastroscopy and colonoscopy models, Easie animal model for gastroscopy and Sheep stomach models are recommended. GI mentor simulators can also be kept if available. All candidates are expected to spend enough time (1 hour at least) with the simulators to get familiarized with handling the endoscopy. Endoscopy consumables (like sclerotherapy needles, bands, snare, biopsy forceps & glue), gloves and gowns are

to be provided during both live and simulator sessions. Hence fellowship fee should be kept at a level to meet all these expenses.

- Lecture modules should include all the topics given in the syllabus with time as mentioned. Endoscopy pathology and Steps of endoscopy need the recommended longer time duration to cover all the key points. Complications of endoscopy and Tips and tricks of therapeutic endoscopy can be covered as panel discussion
- 30 min /30 question MCQ assessment on day 1 and day 2 (So total of 60 questions & 60 marks)
- Logbook should be printed and given to every trainee for entering all the endoscopy reports and all discussion points during lecture modules. This has to be submitted to the examiners on day 3 during viva.
- Viva examination stations should consist of a plastic gastro model with endoscopy and Examination aids such as Colour atlas with all key anatomical landmarks and pathology (usually brought by the convener) and endoscopy accessories are needed. Examiner has to fill a viva assessment for each candidate and sign the logbook.
- Maximum marks for assessment of candidate: 60+20+20= 100 marks.
- Attendance on all 3 days is must to take up the Day 3 viva assessment
- Candidates can be given only certificate of participation on day 3 after filling and returning the feedback forms. Fellowship certificate will be issued only during the convocation at the annual conference.
- Travel allowances and local hospitality for faculty as per the guidelines followed in FIAGES/FALS courses
- IAGES President, Hon. Secretary, Treasurer and course convener should be kept in the loop intimating all the arrangements and scheduling of scientific program for smooth and successful conduct of the course.

### **Recommended Reading Materials:**

- The SAGES Manual
- Art & Science of Endoscopy by Dr.Easwaramoorthy (Through Amazon/Flipcart)
- Endoscopy of Upper GI tract: Training Manual by B.Black et al (Thieme)
- Practical Gastrointestinal Endoscopy: The Fundamentals: By Dr.Peter B Cotton & Christopher Williams (Wiley Blackwell)