

# WEO Program

## Program for Endoscopic Teachers (PET)



**Date:** June 7-8, 2019

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**Themes:** Training in endoscopy – techniques and methodologies  
Use of models in training – opportunities, challenges, limitations  
Assessment of competency

**Learning Objectives:** Learn ideal training methodologies  
Learn techniques of competency assessment  
Learn to optimize the use of models in training

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### Day 1 – Program for Endoscopic Teachers (PET)

Friday, June 7, 2019

8:00 am Faculty Orientation

12:00 pm *Break*

12:30 pm Welcome and Introductions

**Session I: Trainers and Trainees Interactive Discussion**

*Moderators tbc*

12:45 pm Who Should Teach Endoscopy and What Makes a Good Teacher?

*This interactive discussion will focus on the characteristics and demeanor, including interest, motivation, endoscopic expertise, commitment, time, job plan allocation and potential for different training roles of faculty, including 'certified' trainers, 'supervisors' and 'never trains or supervises'. Critical to be explicit about negative consequences of poor training and whether to exempt some from training especially if their performance is not at expert level.*

1:30 pm Why Should Be Trained in Endoscopy and to What Level?

*This discussion will include requirements, setting appropriate expectations and managing the difficult trainee.*

**Session II: Putting PET in an Educational Framework**

*Moderators tbc*

2:15 pm Principles of Adult Learning

*Adjusting your teaching to different learning styles.*

2:45 pm Principles of Teaching and Giving Feedback

*Novices and Beyond: Adapting to different trainee levels*

*Providing effective and specific feedback that enhances performance.*

3:10 pm *Break*

- 3:30 pm **Session III: Video Based Teaching Vignettes and Critiques**  
*Participants will view videos of pre-recorded hands-on teaching sessions and discuss the teacher-learner interactions. Video participants, if present, will self-assess the educational experience, followed by audience comment and a critique discussion. Three vignettes are planned: EGD, colon and ERCP cases featuring brief pre-case discussion between teacher and learner and a video showing the room interaction and the endoscopic view will be presented in short unedited segments each followed by audience discussion and expert commentary.*  
*Facilitated discussion will focus on the following:*  
*Setting appropriate expectations (educational contract)*  
*Technical and cognitive aspects of teaching and instructional methods during a procedure.*  
*Post-procedure debriefing and teaching*

Moderators tbc

**5:30 pm Adjourn and Reception**

**Day 2 – Program for Endoscopic Teachers (PET)**  
**Saturday, June 8, 2019**

7:00 am *Breakfast*

7:45 am **Session IV: Small-Group Learning**

Moderators tbc

*Groups of 10-12 participants will rotate through the following four interactive sessions (28 minutes/rotation):*

- A. Training the Novice or Program Director Challenges**  
*Includes setting expectations, teaching endoscope handling, and ordering procedures of increasing difficulty.*
- B. Training the Advanced Trainee**  
*Includes balancing needs of the trainee with the safety of the patient, tracking procedures, and incorporating new technology and techniques into a training program.*
- C. Teaching Cognitive Skills**  
*Includes frameworks for trainee decision-making, teaching image interpretation, and identifying resources.*
- D. Giving Effective Feedback**  
*How to focus feedback on enhancing performance*

**Session V: Simulators and Hands-on Training**

Moderators tbc

9:45 am *Range and Role of Simulators in Teaching Endoscopy*  
*Introduction to currently available simulators, best applications, and training and tips for running a good hands-on workshop.*

10:15 am *Break*

10:30 am *Hands-on Simulator Training*  
*Groups of 8-10 participants will rotate through 5 stations, each demonstrating key principles of hands-on training (28 minutes/rotation).*  
*Participants will receive hands-on exposure to multiple training models to learn teaching methodologies and effective use of simulators.*  
*Stations will feature plastic and ex-vivo models as well as simulators.*  
*Stations will also teach the following:*

- *Team work, non-technical communication skills, and deconstruction of tasks (plastic colon model)*
- *Basic endoscope manipulations and maintaining tip control (box simulator static model and/or ex-vivo model)*
- *Tailoring instructor comments to the training circumstances (ASGE ERCP Cook model)*

**1:00 pm Lunch**

**2:00 pm Session VI: Trainee, Assessment, Competency and Feedback**

*Moderators tbc*

- *Eliciting self-assessment*
- *Providing specific, effective feedback*
- *Assessing performance and competency: validated ACE tools, DOPS*
- *[may show polyp video for DOPYS rating by audience as example]*
- *The place of formative and summative assessment*
- *Competency frameworks: ERCP as an example*
- *Discussion*

**3:15 pm Session VII: Program Feedback and Plans for Going Forward**

*Moderators tbc*

*Interactive feedback session to delve into participant perspectives on key take-home messages and how to build on principles discussed at home institutions.*

**4:00 pm Adjourn**

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