



Hands-On Training Procedures

Find the session of your interest before you register:

UPPER GASTROINTESTINAL ENDOSCOPY (GASTROSCOPY) USING MIKOTO SIMULATOR

WHAT IT'S ABOUT

- Handling (insertion, advancement) of the scope in the upper GI
- Intubation of the esophagus, stomach and duodenum
- Precise observation of anatomical landmarks
- Scope inversion in stomach

YOU SHOULD HAVE EXPERIENCE WITH

- Knowledge of anatomy of the upper GI
- Indications of UGI endoscopy
- Basic technical knowledge of the endoscope system

LOWER GASTROINTESTINAL ENDOSCOPY (COLONOSCOPY) USING MIKOTO SIMULATOR

WHAT IT'S ABOUT

- Handling (insertion, advancement) of the scope in the colorectum
- Intubation of the rectum, sigmoid and proximal colon
- Intubation of terminal ileum
- Polyp detection

YOU SHOULD HAVE EXPERIENCE WITH

- Knowledge of anatomy of the lower GI
- Indications of LGI endoscopy
- Basic technical knowledge of the endoscope system

POLYPECTOMY/EMR

WHAT IT'S ABOUT

- Techniques to remove polyps
- Positioning of the polyp
- Use of cold and hot polypectomy snares
- Use of cold and hot biopsy forceps
- Electrocautery and snare designs
- Use of pre-snare injections and endoloops
- Lifting techniques and non-lifting sign
- Tissue retrieval techniques
- Prevention and managing complications

YOU SHOULD HAVE EXPERIENCE WITH

- Insertion and advancement of front-viewing scope
- Use of scope tip control and torque technique
- Lumen identification

HAEMOSTASIS

WHAT IT'S ABOUT

- Injection therapy
- Mechanical hemostasis (clipping, ligation, endoloops)
- Thermo coagulation
- Argon plasma coagulation

YOU SHOULD HAVE EXPERIENCE WITH

- Insertion and advancement of front-viewing scope
- Use of scope tip control and torque technique
- Lumen identification

EUS

WHAT IT'S ABOUT

- EUS machine operation and set-up, use of tip balloon and luminal water
- Linear EUS of epigastrium and pancreato-biliary system
- Staging luminal cancer and subepithelial lesions
- Extraluminal mass identification

YOU SHOULD HAVE EXPERIENCE WITH

- Insertion and manipulation of side-viewing scope
- Indications of EUS
- Knowledge of anatomy of epigastrium and the pancreato-biliary system

ERCP

WHAT IT'S ABOUT

- Biliary cannulation
- Sphincterotomy
- Guide-wire accessory exchange
- Stone extraction with Dormia basket and balloon catheter
- Biliary plastic and metal stenting
- Retrieval of stents

YOU SHOULD HAVE EXPERIENCE WITH

- Insertion and advancement of side-viewing scope
- Use of scope tip control and torque technique
- Use of elevator, Vater papilla identification

ESD

WHAT IT'S ABOUT

- Lesion recognition, delineation/markings
- Knife selection and power unit settings
- Approach to lesion and position changes
- Submucosal injection and dissection
- Complication management (bleeding, perforation)

YOU SHOULD HAVE EXPERIENCE WITH

- Indications for ESD in the GI tract
- Endoscopic polypectomy and mucosectomy techniques

POEM

WHAT IT'S ABOUT

- Submucosal injection in esophagus
- Mucosal incision
- Submucosal dissection to produce a tunnel
- Myotomy
- Mucosal incision site closure

YOU SHOULD HAVE EXPERIENCE WITH

- Indications of endoscopic myotomy
- Knowledge of alternative techniques
- Submucosal injection
- Use of knife for submucosal dissection
- Use of endo-clips

EUS-FNA

WHAT IT'S ABOUT

- Subepithelial or extraluminal lesion identification
- Linear echo-endoscope positioning
- Selection of appropriate needle
- Technique of needle puncture
- Techniques of needle aspiration/biopsy
- Sample handling

YOU SHOULD HAVE EXPERIENCE WITH

- Insertion and advancement of linear EUS scope
- Indications for EUS-FNA/FNB

PEG

WHAT IT'S ABOUT

- Aseptic technique
- Percutaneous access
- Gastrostomy and evaluation of gastric anatomy
- Pull-through methodology of PEG placement

YOU SHOULD HAVE EXPERIENCE WITH

- Indications/contraindications
- Upper GI endoscopy
- Use of polyp snare and/or foreign body forceps
- Use of percutaneous needle

CHOLANGIOSCOPY FOR INDETERMINATE STRICTURES

WHAT IT'S ABOUT

- Single operation technique and handling of a single use cholangioscope
- Insertion of an ultra-slim endoscope directly into the bile duct for visualization of the biliary mucosa
- Optical identification of biliary strictures
- Biopsy of indeterminate biliary stricture

YOU SHOULD HAVE EXPERIENCE WITH

- ERCP
 - Biliary cannulation techniques
 - Intraductal indirect sampling
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CHOLANGIOSCOPY FOR DIFFICULT STONES

WHAT IT'S ABOUT

- Single operation technique and handling of a single use cholangioscope
- Insertion of an ultra-slim endoscope directly into the bile duct for visualization of the intraductal stones
- Targeted lithotripsy of CBD stones

YOU SHOULD HAVE EXPERIENCE WITH

- ERCP
 - Biliary cannulation techniques
 - CBD stone extraction and lithotripsy methods
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EUS-GUIDED FLUID COLLECTION DRAINAGE

WHAT IT'S ABOUT

- Finding of peripancreatic fluid collection (PFC) by EUS
- EUS-guided puncture of the PFC
- EUS-guided transmural placement of double pigtail plastic stent (DPPS) or lumen apposing metal stent (LAMS) for drainage

YOU SHOULD HAVE EXPERIENCE WITH

- Indications of PFC drainage
 - EUS-FNA/FNB
 - ERCP
 - Guide-wire manipulation
 - Enteral / biliary stent placement
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EUS-GUIDED RADIO- FREQUENCY ABLATION (RFA) TECHNIQUE

WHAT IT'S ABOUT

- Finding the pancreatic neoplastic lesion by EUS
- EUS-guided puncture of the lesion
- RFA catheter ablation
- RFA machine operation and set-up

YOU SHOULD HAVE EXPERIENCE WITH

- Indications of EUS-guided ablation
 - EUS-FNA/FNB
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