

Surgery Catalog

General and visceral surgery



medyoucate

The Medical Education Network

Overview - What is medyoucate

Medyoucate is a platform for surgeons, students and institutions, on which top physicians of renowned university hospitals, explain surgical techniques for a fee via livestream, video and in courses. Through the participation in exams and content provided, certificates can also be acquired, and the entire training path can be documented. In this way, the platform also makes it easier to search for and find jobs in surgery.

Medyoucate will grow into a transnational community that connects the best of the best and brings them into exchange with each other.



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Surgical Basics

- Surgical knots
- Surgical knot with needle holder
- Stick tie technique
- Laparoscopic intracorporeal suturing technique
- Laparoscopic intracorporeal suturing technique with V-Loc Suture
- Laparoscopic extracorporeal knot tying using an atraumatic Babcock clamp
- Laparoscopic extracorporeal knot tying using Ethicon Endo-Suture-System
- Laparoscopic extracorporeal suture technique with Pointner's not
- Laparoscopic sliding knot
- Side-to-side small bowel anastomosis (two- row running suture)
- Side-to-side small bowel anastomosis (Gambé interrupted suture)
- Diagnostic laparotomy
- Diagnostic laparoscopy
- Extended diagnostic laparoscopy (opening of the omental bursa and paritoneal lavage) in case of stomach cancer

Hernia surgery

- Umbilical hernia direct closure
- Umbilical hernia underlay technique
- Conventional inguinal hernia repair - Shouldice technique
- Conventional inguinal hernia repair - Lichtenstein technique
- TAPP
- TEP

General surgery

- Conventional (open) cholecystectomy
- Laparoscopic cholecystectomy
- Robotic laparoscopic cholecystectomy
- Laparoscopic cholecystectomy (infundibulum technique)
- Laparoscopic cholecystectomy (Fundus-First-Approach)
- Single-incision/Single-port Cholecystectomy
- Robotic laparoscopic cholecystectomy
- Robotic single-incision/single-port Cholecystectomy
- Conventional (open) cholecystectomy (Kocher subcostal incision)
- Port-A-Cath system implantation
- Port-A-Cath system implantation - Cephalic vein
- Port-A-Cath system implantation - Subclavian vein
- PEG placement - endoscopic
- PEG placement - conventional (open)

- PEG placement – laparoscopic
 - PEG placement – peroral pull technique
 - PEG placement – direct percutaneous procedure
- Witzel gastrostomy
- Conventional (open) jejunocath placement
- Conventional (open) appendectomy
- Laparoscopic appendectomy
- Robotic laparoscopic appendectomy
 - Laparoscopic appendectomy:
 - Appendiceal stump closure with endoloop ligature
 - Appendiceal stump closure with Endo GIA stapler
 - Appendiceal stump closure with clips
 - Conventional (open) appendectomy
 - i. according to McBurney

Functional Surgery of the Upper GI Tract

- Conventional (open) Toupet fundoplication
- Laparoscopic Toupet fundoplication
- Robotic laparoscopic Toupet fundoplication
- Conventional (open) Nissen fundoplication
- Laparoscopic Nissen fundoplication
- Robotic laparoscopic Nissen fundoplication
- Conventional (open) Dor fundoplication
- Laparoscopic Dor fundoplication
- Robotic laparoscopic Dor fundoplication
- Conventional (open) Heller myotomy
- Laparoscopic Heller myotomy
- Robotic laparoscopic Heller myotomy
- Peroral endoscopic Myotomy (POEM)
 - Anterior POEM (anterior Wall)
 - Posterior POEM (posterior Wall)

- Zenker's diverticulum surgery (conventional)
- Endoscopic treatment of Zenker's diverticulum
- Hiatoplasty conventional + laparoscopic + robotic laparoscopic
- Upside-down stomach
 - Hiatus hernia and laparoscopy/intrathoracic stomach reposition
 - Mesh-augmented Hiatoplasty

Upper GI oncologic Surgery

- Abdominothoracic esophagus resection according to Ivor-Lewis conventional (open)
- Abdominothoracic esophagus resection according to Ivor-Lewis laparoscopic
- Abdominothoracic esophagus resection according to Ivor-Lewis robotic laparoscopic
- Abdominothoracic esophagus resection according to McKeown conventional (open)
- Abdominothoracic esophagus resection according to McKeown laparoscopic
- Abdominothoracic esophagus resection according to McKeown robotic laparoscopic
- Subtotal gastrectomy (conventional)
- Subtotal gastrectomy (laparoscopic)
- Subtotal gastrectomy (robotic laparoscopic)
- Gastrectomy conventional (open)
- Laparoscopic gastrectomy
- Robotic gastrectomy
- Reconstructive surgery after gastrectomy with
- Esophagojejunostomy and Roux-Y-anastomosis
- Herfarth-Rhodino-Lawrence-Pouch

- Siewert-Peiper-Pouch
- Conventional (open) gastric wedge resection of GIST
- Laparoscopic gastric wedge resection of GIST
- Robotic laparoscopic gastric wedge resection of GIST

Gastric malignant

- Gastroenterostomy
 - Conventional (open) retrocolic cross-section gastroenterostomy
 - Conventional (open) gastroenterostomy (small bowel loop incision)

Gastric benign

- Laparoscopic ulcer repair (perforated duodenal ulcer)
- Pyloroplasty
 - according to Heinecke-Mikulicz
 - according to Finney
 - according to Jaboulais

Colorectal surgery

- Small bowel resection with side-to-side anastomosis
- Small bowel resection with end-to-side anastomosis
- Meckel diverticulectomy conventional (open)
- Meckel diverticulectomy laparoscopic
- Meckel diverticulectomy robotic laparoscopic
- Double-barrel ileostomy conventional (open)
- Double-barrel ileostomy laparoscopic
- Double-barrel ileostomy robotic laparoscopic
- Double-barrel colostomy/transverse colostomy
- Jejunocath placement
- Conventional (open) ileocecal resection
- Laparoscopic ileocecal resection
- Robotic laparoscopic ileocecal resection
- Conventional (open) right hemicolectomy
- Laparoscopic right hemicolectomy

- Robotic laparoscopic right hemicolectomy
- Conventional (open) extended right hemicolectomy
- Laparoscopic extended right hemicolectomy
- Robotic laparoscopic extended right hemicolectomy
- Conventional (open) left hemicolectomy
- Laparoscopic left hemicolectomy
- Robotic laparoscopic left hemicolectomy
- Conventional (open) extended left hemicolectomy
- Laparoscopic extended left hemicolectomy
- Robotic laparoscopic extended left hemicolectomy
- Conventional (open) sigmoidectomy
- Laparoscopic sigmoidectomy
- Robotic laparoscopic sigmoidectomy
- Conventional (open) anterior rectum resection
- Laparoscopic anterior rectum resection
- Robotic laparoscopic anterior rectum resection
- Conventional (open) rectum amputation

- Laparoscopic rectum amputation
- Robotic laparoscopic rectum amputation
- Colostomy
- Double-barrel transversostomy

Hepatobiliary Surgery

- Liver cyst fenestration
- Pericystectomy of echinococcal cysts
- Conventional (open) atypical liver resection
- Laparoscopic atypical liver resection
- Robotic laparoscopic atypical liver resection
- Conventional (open) resection of 2-3 liver segments
- Laparoscopic resection of 2-4 liver segments
- Robotic laparoscopic resection of 2-5 liver segments
- Conventional (open) left hemihepatectomy
- Laparoscopic left hemihepatectomy
- Robotic laparoscopic left hemihepatectomy
- Conventional (open) right hemihepatectomy
- Laparoscopic right hemihepatectomy
- Robotic laparoscopic right hemihepatectomy
- Conventional (open) extended left hemihepatectomy

- Laparoscopic extended left hemihepatectomy
- Robotic laparoscopic extended left hemihepatectomy
- Conventional (open) extended right hemihepatectomy
- Laparoscopic extended right hemihepatectomy
- Robotic laparoscopic extended right hemihepatectomy
- Biliodigestive anastomosis

Pancreatic Surgery

- Conventional (open) left pancreatectomy with splenectomy
- Laparoscopic left pancreatectomy with splenectomy
- Robotic laparoscopic left pancreatectomy with splenectomy
- Conventional (open) left pancreatectomy without splenectomy
- Laparoscopic left pancreatectomy without splenectomy
- Robotic laparoscopic left pancreatectomy without splenectomy
- Conventional (open) partial duodenopancreatectomy according to Kausch Whipple
- Laparoscopic partial duodenopancreatectomy according to Kausch Whipple
- Robotic laparoscopic partial duodenopancreatectomy according to Kausch Whipple
 - Classic Whipple procedure
 - Pylorus preserving surgery according to Kausch Whipple (Traverso-Longmire procedure)
- Duodenum preserving pancreatic head resection
 - surgery according to Berger
 - surgery according to Frey
- Central pancreatectomy

- Enucleation
- Pancreaticojejunostomy
 - Surgery according to Partington-Rochelle
- Diverse anastomosis techniques following pancreaticoduodenectomy
 - pancreaticojejunostomies
 - duct-to-mucosa
 - Neuhaus anastomosis
 - Blumgart anastomosis
 - Pancreaticogastrostomy

Bariatric surgery

- Conventional (open) sleeve resection
- Laparoscopic sleeve resection
- Robotic laparoscopic sleeve resection
- Conventional (open) omega loop bypass
- Laparoscopic omega loop bypass
- Robotic laparoscopic omega loop bypass
- Conventional (open) Roux-en-Y gastric Bypass
- Laparoscopic Roux-en-Y gastric Bypass
- Robotic Roux-en-Y gastric Bypass
- Conventional (open) biliopancreatic diversion
- Laparoscopic biliopancreatic diversion
- Robotic biliopancreatic diversion
- Duodenal switch
- Gastric balloon

Proctology

- Perianal venous thrombosis – surgical therapy
- Hemorrhoidectomy
 - Rubberband ligation of hemorrhoids according to Barron
 - Hemorrhoidectomy according to Ferguson
 - Hemorrhoidectomy according to Milligan Morgan
 - Sapled hemorrhoidopexy
 - HAL-RAR Procedure
 - Hemorrhoid artery ligation and recto-anal repair
 - STARR
- Fissurectomy
- Perianal abscess
 - Incision of abscess
 - Excision of abscess
 - Marking of diverse fistules according to Parks
- Surgical management of horseshoe abscesses

- Surgical management of anal prolaps
 - STARR = Stapled Transanal Rectal Resection
 - Surgery according to Altemeier
 - Surgery according to Delorme
 - Surgery according to Frykman-Goldberg
- Surgeries for incontinence

Endocrine Surgery

- Nodule oriented thyroid surgery
- Thyroidectomy
- Bilateral neck exploration and parathyroid adenoma removal
- MIVAP = Minimally-invasive parathyroidectomy
- Adrenal gland adenoma removal
 - Transperitoneal laparoscopic adrenalectomy
 - Transperitoneal laparoscopic adrenal adenoma enucleation (for Conn adenoma)
 - Retroperitoneoscopic adrenalectomy
- Adrenal gland adenoma enucleation (in case of Conn syndrome)
- Endocrine pancreas tumor enucleation (insulinoma)

Contact

Thank you for your willingness to provide us with videos for the **MedYouCate** platform. Please send the raw material via hard drive or download link to the following address:

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If you have any questions, please do not hesitate to contact us at the above email.

With kind regards

Your MedYouCate Team

