



SWISS MEDICAL  
NETWORK



## Dr. med. Ihsan Inan MD FACS

Specialist in general and digestive surgery, expert in minimally invasive and robotic surgery

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### Languages

FR,EN,TR,DE

### Competences

Dr Ihsan INAN is a digestive and colorectal surgeon with a wealth of experience in oncology surgery (colorectal and gastric) and benign surgery of the digestive tract, reflux disease, biliopancreatic disorders and hernias of the abdominal wall (abdominal core).

His main area of focus is minimally invasive and robotic digestive surgery.

Since 2006, Dr Inan has pioneered the development of robotic techniques for use in abdominal surgery, particularly for hernias of the abdominal wall and all other digestive surgery disorders.

He is an expert educator, proctor and lecturer who teaches robotic surgery internationally.

### Work Experience

Dr Ihsan Inan obtained his doctorate in medicine from Ege University in Izmir, Turkey in 1987.

In 1991, he began his training in general surgery in the canton of Neuchâtel, which he completed at the Fribourg Cantonal Hospital in 1998 under the guidance of his mentor, Dr Panayotis Petropoulos who is known as one of the global pioneers in the field of laparoscopic surgical techniques. He assisted Dr Petropoulos through the genesis and development of minimally invasive surgical techniques, which have now become the standard in contemporary surgery.

In 1998, Dr Inan continued his surgical career in the academic environment at Hôpitaux Universitaires de Genève (HUG) where he was appointed Chief Registrar for Abdominal Surgery, a post that he occupied until 2008. During his time there, he obtained his FMH certification in surgery in 1999 and his FMH certification in abdominal surgery in 2006.

He also continued his work developing new minimally invasive and robotic technologies for abdominal surgery, particularly in the area of colorectal, gastroesophageal, and biliopancreatic surgery, as well as abdominal wall and complex hiatal hernia surgery.

During his university career, he participated, conceived and ran various clinical research projects. He was responsible for developing outpatient surgery services for the department of surgery as well as project development for the use of robotic surgery in abdominal surgery.

In 2008, Dr Inan decided to continue his career in private practice and joined the Clinique Générale-Beaulieu in Geneva.

There, he introduced the ERAS (Enhanced Recovery After Surgery) programme, which aims to improve patient recovery following major surgery. Taking charge of the project in October 2013, he and his team succeeded in gaining official certification for the clinic in June 2014.

As a holistic complement to the ERAS programme, he introduced the concept of multimodal prehabilitation, which aims to ensure that patients are optimally prepared for the day of surgery from a physical, nutritional and cognitive perspective.

Dr Inan participated in the development of a post-operative pain management technique as part of a global strategy of opioid-free or opioid-sparing, in conjunction with the anaesthesia team. Since 2008, he has been developing and teaching techniques of neuromuscular blocs under ultrasound guidance during surgery in order to eliminate or reduce the use of morphine derivatives.

In the field of robotic surgery, since 2006, Dr Inan has been one of the pioneers in developing robotic techniques in digestive surgery, particularly for hernias of the abdominal wall. He is an expert educator, proctor and lecturer who teaches robotic surgery internationally.

## Memberships

since 2016	FACS Fellow of the American College of Surgeons
since 2013	SAGES Society of American Gastrointestinal and Endoscopic Surgeons
since 2008	American Hernia Society
since 2008	European Hernia Society
since 2008	Société médicale Beaulieu
since 2008	Association des Médecins Genevois
since 1997	Société Suisse de Chirurgie Viscérale
since 1997	EAES European Association for Endoscopic Surgery
since 1989	Swiss Medical Association (FMH)

## Education

2005	FMH certification in abdominal surgery
1999	FMH certification in surgery
1987	Doctorate in medicine, Faculty of Medicine, Ege University, Izmir

## Publications

[Link to find publications](#)

- Contribution of the patient visible 3D reconstruction imported into the Da Vinci console for a posterior tumour in a horseshoe kidney – Porgres en Urologie - Nov 1, 2021
- Implementation of a robotic ventral hernia repair program in a European center: Results during the learning curve and early development – British Journal of Surgery - Nov 1, 2021
- Ventral hernia surgery. New minimally invasive approaches – Ventral Hernia Society - Jul 1, 2020
- Spontaneous haemorrhage on apixaban masquerading as obstructive cholangitis after heart surgery – European Heart Journal - May 9, 2019

- Cannabinoid Hyperemesis Syndrome: A case Report of Cyclic Severe Hyperemesis and Abdominal Pain with Long-Term Cannabis Use – Case Reports in Gastrointestinal Medicine - Nov 1 2016
- Propofol and Perioperative inflammation – the Intralipid solvent may play a role – Global anesthesia and Perioperative medicine - Oct 1 2015.
- Robotic laparoendoscopy single site surgery: a transdisciplinary review – Int J Med Robot - Mar 1,2013
- Laparoscopic versus open sigmoid resection for diverticulitis: long-term results of a prospective, randomized trial – Surgical Endoscopy – Oct 1, 2011.
- Choosing the cosmetically superior laparoscopic access to the abdomen: the importance of the umbilicus – Surgical Endoscopy – Aug 1, 2011
- Robotic single-incision transabdominal and transvaginal surgery: initial experience with intersecting robotic arms- The international journal of Medical Robotics – Sep 1- 2010
- A prospective, randomized, single-blind comparison of laparoscopic versus open sigmoid colectomy for diverticulitis – Annals of Surgery – Jul 1, 2010
- Set-up and docking of the da Vinci surgical system: prospective analysis of initial experience – The international Journal of Medical Robotics – Mar 1, 2010
- Hospital experience, body image, and cosmesis after laparoscopic or open splenectomy – Surgical laparoscopy, Endoscopy & Percutaneous Techniques – Dec 1, 2009
- Robotic-assisted atypical gastrectomy for gastric GIST may avoid non necessary extended gastrectomy – Swiss Medical Weekly – Sep 1, 2009
- Surgical treatment of non-hydatid hepatic cyst, a single centre experience - Swiss medical Weekly – Sep 1, 2009
- Amyand's hernia: 10 years' experience – Surgeon – Aug 1, 2009
- Impact of IQ, computer-gaming skills, general dexterity, and laparoscopic experience on performance with the da Vinci surgical system – international Journal of Medical Robotics and Computer Assisted Surgery – Jun 1, 2009
- Transrectal natural orifice transluminal endoscopic surgery for umbilical hernia repair in a human cadaver (with video) – Gastrointestinal Endoscopy – May 1, 2009
- Risk Factors for mortality-morbidity after emergency-urgent colorectal surgery – International Journal of Colorectal Disease – Oct 1, 2008
- Who should do NOTES? Initial endoscopic performance of laparoscopic surgeons compared to gastroenterologists and untrained individuals – journal of gastrointestinal Surgery – Oct 1, 2008
- Management of malignant pleural effusion and ascites by a triple access multi perforated large diameter catheter port system – World Journal of Surgical Oncology – Aug 1, 2008
- Visual clues act as a substitute for haptic feedback in robotic surgery – Surgical Endoscopy – Jun 1, 2008
- Pyoderma gangrenosum after totally implanted central venous access device insertion – World journal of Surgical oncology – Mar 1, 2008
- Accès veineux central avec chambre implantable – Swiss knife – Jan 1, 2008
- Effects of Propofol on Apo A-I levels and the inflammatory response after a surgical stress – Swiss medical Weekly – Oct 1, 2007
- Multimedia article. Laparoscopic repair of parastomal hernia using a porcine dermal collagen (Permacol) implant – Diseases of Colon and Rectum – Sep 1, 2007
- The da Vinci surgical system in digestive surgery – Revue Médicale Suisse – Jun 1, 2007
- Hernia surgery: the unavoidable era of laparoscopy – Revue Médicale Suisse – Jun 1, 2006

- Laparoscopic versus open resection for appendix carcinoid - Surgical Endoscopy - Jun 1, 2006
- Dispositif d'accès veineux central totalement implantable - Revue Médicale Suisse - Jun 1, 2002
- Book Chapter - Port-Site and Wound Recurrences in Cancer Surgery - Jan 1, 2000
- Laparoscopic colorectal surgery: initial experience - Revue Médicale Suisse - Jul 1, 1999

## Accreditation

[Clinique Générale-Beaulieu](#)

## Specialties

[Visceral surgery](#)

[Da Vinci](#)

[General surgery](#)

[Colon surgery](#)

[Biliary surgery](#)

## Contact

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