MKA
MEDICAL
KOREA
ACADEMY

KHIDI
Korea Health Industry
Development Institute

Medical Korea Academy Online Training Program (MKA e-class)

MKA e-class is an online clinical training program launched in response to post-corona world. Experience all the outstanding educational opportunities remotely through MKA e-class.

Surgical Skill Education

Surgical Skill Education(SSE), Hepatobiliary & Pancreatic Surgery

- Surgical techniques for hepatectomy
- Basic surgical techniques for liver transplantation
- Cholecystectomy, bile duct excision and choledochojejunostomy
- Pancreaticoduodenectomy and pancreatectomy

Surgical Skill Education (SSE), Gastrointestinal Surgery

- Fundamentals of laparoscopic GI surgery
- Concept of gastric cancer treatment and surgeries
- Surgeon's gastroscopy and endoscopic treatment of gastric cancer
- Surgeries for benign diseases (Peptic ulcer, GERD, Bariatric)

Surgical Skill Education (SSE), Colorectal Surgery

- Introduction to colorectal cancer and treatment strategy
- Types of colorectal cancer surgery
- Basic colonoscopy skills
- Benign disease surgeries (hernia, appendicitis, diverticulitis)
- Enhanced recovery after surgery (ERAS) in colorectal surgery

Internal Medicine Skill Education

Endoscopic Skill Education(EnSE)

- Preparations for the endoscopy room
- Pre- and post- endoscopic treatment and essential endoscopic process monitoring
- Getting Started with Upper Gastrointestinal Endoscopy
- Getting Started with Lower Gastrointestinal Endoscopy
- Getting Started with Advanced Technology for High Level of Endoscopy

Echocardiography Skill Education(EcSE)

- Basic transthoracic skills
- Special echocardiography and assessment of cardiac function
- Disease specific echocardiographic findings
  : Ischemic heart disease , Valvular heart disease, Cardiomyopathy (CMP), adult congenital heart disease, pericardial disease, pulmonary hypertension and embolism, cardiac mas, endocarditis

Infection control Skill Education(ISE)

- Overview of infection control in medical institutions
- Infection control practices in medical institutions
- Clinical environment management; infection control in small and medium hospitals; infection control by disease

Non-Clinical Education

Medical ICT Education (MIE)

- ICT in Healthcare
- EMR (Electronic Medical Record)
- Big Data and AI in Healthcare
- Application of IoT and 5G in healthcare
- PMI (Precision Medicine Initiative)

Program Overview

● **Training Period**	3 weeks (from Dec. 13th to Dec. 31st)
● **Host**	Ministry of Health and Welfare
● **Organizer**	KHIDI Korea Health Industry Development Institute
● **Qualifications**	- Licensed medical doctors with clinical experience in the field related to the course they plan to take. - Recommendation from local or Korean government, medical institutions/ association/organization/society
● **Training Institutions**	EUMC MOKDONG EWHA WOMANS UNIVERSITY MOKDONG HOSPITAL / EUMC SEOUL EWHA WOMANS UNIVERSITY SEOUL HOSPITAL / SNUH SEOUL NATIONAL UNIVERSITY BUNDANG HOSPITAL / PNU Pusan National University Yangsan Hospital / 대한외과술기연구회 Korean Surgical Skill Study Group

MKA e-class Application and Approval Procedure

Complete and submit application via email by December 4th.
mkaglobal@khidi.or.kr

→ Receive MKA e-class website URL from KHIDI

→ Register for MKA e-class courses on the website

→ Access approval by KHIDI

→ Take MKA e-class courses