


2021 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**

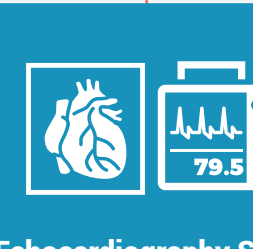
- Introduction to colorectal cancer and treatment strategy
- Types of colorectal cancer surgery
- Basic colonoscopy skills
- Benign disease surgeries(hernia, appendicitis, diverticulitis)
- Enhanced recovery after surgery (ERAS) in colorectal surgery

Internal Medicine Skill Education



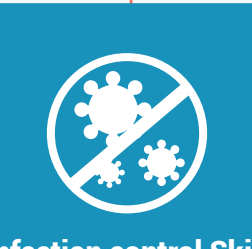
**Endoscopic Skill
Education(EnSE)**

- 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

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|------------------------------|---|
| Training Period | 6 weeks (from June 1 to July 16) * Every course comprises 20 lectures. Each lecture is approximately 1 hour long. |
| Host |  Ministry of Health and Welfare |
| Organizer |  khIDI Korea Health Industry Development Institute |
| Qualifications | Medical practitioners, medical students, government officials working in a healthcare related field |
| Training Institutions |  EUMC EWHA WOMANS UNIVERSITY MOKDONG HOSPITAL  EUMC EWHA WOMANS UNIVERSITY SEOUL HOSPITAL  SNUH SEOUL NATIONAL UNIVERSITY BUNDANG HOSPITAL  PNUH Pusan National University Yangsan Hospital  대한외과술기연구회 Korean Surgical Skill Study Group |

MKA e-class Application and Approval Procedure

