

MKA e-class

MEDICAL KOREA ACADEMY ONLINE TRAINING PROGRAM







MKA e-class

MEDICAL KOREA ACADEMY ONLINE TRAINING PROGRAM

Medical Korea Academy

Bridging Nations, Transforming Lives.

Korea Health Industry Developmen Institute (KHIDI)

The KHIDI is a proactive organization that quickly responds to changes in the healthcare business environment, both domestically and internationally. We achieve this by identifying innovative policy agendas and developing industry-related policies to address evolving needs.

Our efforts also extend to fostering the healthcare industry and supporting businesses in expanding the capacity of the biopharmaceutical and medical device sectors. Additionally, we prioritize R&D activities in public health and actively support the advancement of medical technology through proactive public healthcare R&D.

Furthermore, we are dedicated to enhancing the global competitiveness of the medical healthcare industry. To accomplish this, we engage in intergovernmental cooperation to invigorate international healthcare initiatives while simultaneously creating new job opportunities. With preemptive responses and innovative actions, we strengthen the competitiveness of both domestic and overseas healthcare industries, ensuring their resilience in the face of change.

Supporting Vitalization of Global Healthcare

Policy Development for Healthcare Industry

Healthcare R&D Support Fostering Healthcare Industry and Supporting Business

Medical Korea Academy (MKA)

The Medical Korea Academy, led by the KHIDI, offers a specialized program designed for medical practitioners from other countries. Its primary goal is to help participants enhance their medical knowledge and skills by engaging in diverse training programs provided at hospitals in Korea while gaining a deeper understanding of Korean medical services. In 2020, in response to the Covid-19 pandemic, the Medical Korea Academy introduced MKA e-class as a safe and

accessible training platform. This program allows participants to acquire advanced medical skills from Korea without the need for travel.

Over time, MKA e-class has expanded its educational offerings, providing indepth knowledge in various medical disciplines for a more comprehensive learning experience.



1 | Online Training Program

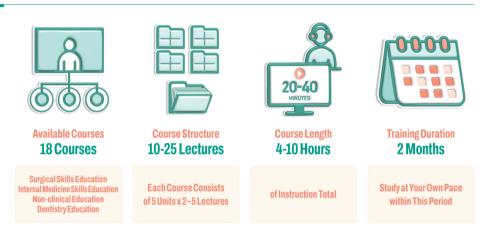
Overview

The KHIDI has developed an online medical training program called MKA e-class, in response to the changing dynamics of the new normal era.

This program provides a range of basic and advanced courses, featuring video lectures delivered by distinguished Korean doctors and professors, covering fundamental theories to the latest medical technologies. Upon completing the lectures and passing the exam, trainees are awarded a certificate issued by the KHIDI. Since its inception, many healthcare professionals from over 70 different countries have successfully completed our online training program.

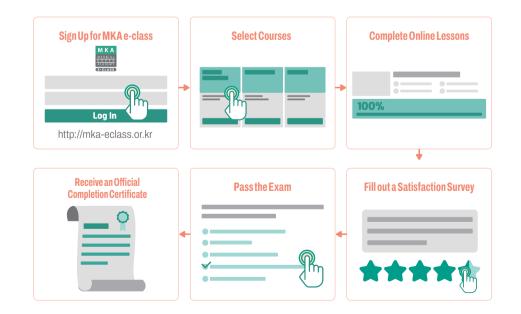


Training Courses



^{*}The program schedule is subject to change.

Training Process



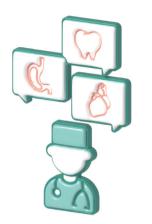
MKA e-class offers a variety of training courses.

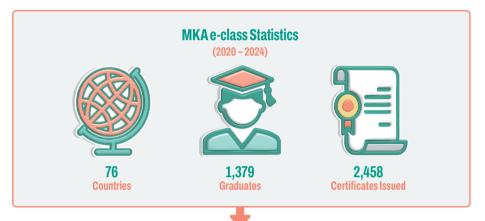
Surgical Skills Education : Hepatobiliary & Pancreatic Surgery, Gastrointestinal Surgery, Colorectal Surgery, Breast & Thyroid Surgery, Trauma & Surgical Critical Care, Surgical Emergency, Minimally Invasive Surgery

Internal Medicine Skills Education: Echocardiography, Endoscopic. Infection Control

Dentistry Education: Prosthodontics, Oral & Maxillofacial Surgery, Dental Implantology

Non-Clinical Education: Medical ICT, Hospital Management

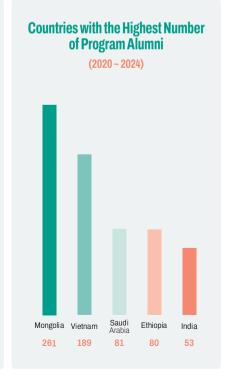






(2020 ~ 2024)





3 | Online Training Program Medical Korea Academy | 2





MEDICAL KOREA ACADEMY ONLINE TRAINING PROGRAM







Surgical Skills Education

- **01** Hepatobiliary & Pancreatic Surgery Skills (Basic)
- **02** Hepatobiliary & Pancreatic Surgery Skills (Advanced)
- 03 Gastrointestinal Surgery Skills (Basic)
- **04** Gastrointestinal Surgery Skills (Advanced)
- 05 Colorectal Surgery Skills (Basic)
- **06** Colorectal Surgery Skills (Advanced)
- **07** Breast & Thyroid Surgery Skills
- **08** Trauma & Surgical Critical Care Skills
- **09** Surgical Emergency
- 10 Minimally Invasive Surgery

UNIT 5

Hepatobiliary & Pancreatic Surgery Skills



대한외과술기연구회

Korean Surgical Skill Study Group

© 12:26

30:21

9 19:20

24:17

© 13:41

- Surgical Techniques for Hepatectomy
- Basic Surgical Techniques for Liver Transplantation
- Cholecystectomy, Bile Duct Excision and Choledochojejunostomy
- Pancreaticoduodenectomy and Pancreatectomy

				6hrs 19m
UNIT1	01 (Open Right Hepatectomy		© 16:10
	02 l	Left Hemihepatectomy		© 15:08
	03 l	Laparoscopic Left Lateral Sectionectomy		© 10:21
	04 l	Laparoscopic Major Liver Resection	_	© 36:40
UNIT 2		Liver Recovery in Deceased Donor		9 22:38
	06	Surgical Techniques in Living Donor Liver Transplantation Using Right Liver Graft		© 21:30
	07 [Donor Right Hepatectomy		© 20:12
	08	Recipient's Total Hepatectomy for Living Donor Liver Transplanation	_	© 26:24
UNIT 3		Laparoscopic Cholecystectomy		© 08:51
	10	Single Incision Laparoscopic Cholecystectomy(SILC)	_	© 12:52
	11 l	Laparoscopic Splenectomy		© 15:50
	12	Robotic Hepatectomy	_	© 16:38
UNIT 4	13	Hepaticojejunostomy		9 14:30
	14 [Laparoscopic Common Bile Duct Exploration	_	© 24:23
	15 l	Laparoscopic & Robotic Surgery for Choledochal Cyst		© 16:59

16 Laparoscopic Hepatoduodenal LN Dissection

17 Open Pancreaticoduodenectomy

18 Laparoscopic Pancreaticoduodenectomy

19 Radical Antegrade Modular Pancreatosplenectomy

20 Laparoscopic Spleen Preserving Distal Pancreatectomy

Hepatobiliary & Pancreatic Surgery Skills



- Liver Surgery and Treatment I
- Liver Surgery and Treatment Ⅱ
- Biliary Surgery
- Pancreatic Surgery
- Other HBP Surgery



			5hrs 57m
UNIT 1	01		© 24:49
		According to the Bismuth Type	
	02	Caudate Lobe Resection	© 12:29
	03	Laparoscopic Radiofrequency Ablation of Liver Tumor	© 08:27
UNIT 2	04	Laparoscopic Right Posterior Sectionectomy	© 12:07
	05	Robotic Right Hepatectomy	© 28:05
	06	Characteristics of Diverse Devices Used for Liver Resection	6 18:15
UNIT 3	07	Laparoscopic Extended Cholecystectomy with Lymphadenectomy	© 37:31
	08	Laparoscopic Cholecystectomy for Complicated Cases	© 49:57
	09		© 16:50
UNIT 4			
ONII 4	10	Hybrid Pancreaticoduodenectomy	© 32:03
	11	Total Pancreatectomy	© 23:55
	12	Pancreatic Enucleation	© 18:25
UNIT 5	13	Laparoscopic Longitudinal Pancreaticojejunostomy	© 23:57
	14	Transduodenal Ampullectomy(TDA)	© 33:29
	15	Pancreas Transplantation	© 17:05

Medical Korea Academy | 6 7 | Online Training Program

Gastrointestinal Surgery Skills



- Concept of Gastric Cancer Treatment, Various Type of Gastric Cancer Surgery
- Surgeon's Gastroscopy, Endoscopic Treatment of Gastric Cancer
- Various Type of Surgery in Benign Disease (Peptic Ulcer, GERD, Bariatric)



			91112 23111
UNIT 1	01	General Strategy for Gastric Cancer Surgery: Beyond MIS	© 38:31
	02	Surgeon's Gastroscopy	© 28:58
	03	Endoscopic Resection for Gastric Cancer	© 26:35
	04	Basics of Laparoscopic GI Surgery: Dissection, Suture & Tie	© 35:14
	05	Tips for Laparoscopic GI Surgery: Surgical Device and Maneuver	© 15:29
UNIT 2	- 06	Gastric Cancer Surgery I: Distal Subtotal Gastrectomy, D2 Lymph Node Dissection	© 27:23
	06	Gastric Cancer Surgery II: Anastomotic Methods in Laparoscopic Distal	
	07	Gastrectomy	© 12:08
	08		© 23:04
	09	Gastric Cancer Surgery IV: Total Gastrectomy - Anastomosis	© 35:49
	_		
UNIT 3	10	Gastric Cancer Surgery V: Pylorus Preserving Gastrectomy(PPG)	© 23:31
	11	Gastric Cancer Surgery VI: Proximal Gastrectomy	© 28:22
	12	Gastric Cancer Surgery VII: Extended Gastrectomy(Multivisceral Resection)	© 18:50
	13	Diagnostic Laparoscopy & Palliative Surgery for Gastric Cancer	© 18:02
UNIT 4			
	14	Application of Image Guided Surgery for Gastric Cancer	© 34:52
	15	Robotic Gastric Cancer Surgery	© 30:51
	16	Surgery for Gastric Subepithelial Tumor	© 20:33
	17	Surgery for Peptic Ulcer Disease	© 20:33
UNIT 5	18	Surgical Treatment of GERD	© 27:16
	19	Bariatric and Metabolic Surgery	© 30:44
	20	Training of Laparoscopic Gastrectomy with Animal & Cadaver	© 18:54

Gastrointestinal Surgery Skills



- Surgery for Esophageal Cancer & Gastroesophagel Junction(GEJ) Cancer
- Gastointestinal Surgery in Various Clinical Conditions
- Advanced Laparoscopic GI Surgery
- Surgical Techniques for Safe Laparoscopic GI Surgery
- Advanced Bariatric Surgery & Hernia Operation



			8hrs 24m
UNIT1	01	Minimally Invasive Esophagectomy	© 37:44
	02	Adenocarcinoma of Gastroesophageal Junction	© 26:59
UNIT 2	03	Remnant Gastric Cancer	© 45:15
	04	Laparoscopic Gastrectomy in Patients with Upper Abdominal Surgery	© 33:43
	05	Laparoscopic Duodenal Tumor Surgery	© 23:21
UNIT3	06	Intra-corporeal Anastomosis after Laparoscopic Partial Gastrectomy	© 32:47
	07	Hybrid Robotic and Laparoscopic Gastrectomy(HRLG) for Gastric Cancer	© 38:32
	08	Reduced Port Gastrectomy	© 31:17
UNIT 4	09	Intraoperative Bleeding Control of Laparoscopic Gastrectomy for Gastric Cancer	© 39:14
	10	Intraoperative Gastroscopy for Gastric Cancer Surgery	© 26:41
	11	Laparoscopic Emergency Surgery for Gastrointestinal Disease	© 37:10
UNIT 5	12	Metabolic Surgery: LRYGB and LSG	© 26:29
	13	Re-operative(Revisional) Bariatric Surgery	© 19:12
	14	Laparoscopic Inguinal Hernia Repair	© 50:00
	15	Laparoscopic Surgery of Ventral Hernia:	
		Treatment Principles and Various Surgical Techniques	© 36:09

Medical Korea Academy | 8 9 | Online Training Program

Colorectal Surgery Skills

- Colorectal Cancer; Introduction and Treatment Strategy
- Various Type of Colorectal Cancer Surgery
- Basic Colonoscopy Skills
- Various Type of Surgery in Benign Disease (Hernia, Appendicitis, Diverticulitis)
- Enhanced Recovery after Surgery(ERAS) Program in Colorectal Surgery



			7hrs 36m
UNIT 1	01	Basic Skills in Colonoscopy & Polypectomy	© 26:43
	02	Endoscopic Treatment of Early Colorectal Cancer	© 20:07
	03	Laparoscopic Colectomy for Diverticulitis	© 22:10
	04	Laparoscopic Appendectomy(Multiport and Single Port)	© 20:37
UNIT 2	05	What Is Complete Mesocolic Excision(CME)?: Anatomy and Surgical Tip & Tricks	© 12:09
	06	What Is Total Mesorectal Excision(TME)?: Anatomy and Surgical Tip & Trick	© 25:27
	07	Laparoscopic Right Hemicolectomy	© 18:55
	08	Laparoscopic Left Colectomy	© 19:15
	09	Splenic Flexure Takedown: Surgical Tips & Tricks?	© 09:33
UNIT3	10	IMA Ligation with Nerve Preservation High Ligation vs Low Ligation	© 23:14
	11	Single Incision Laparoscopic Anterior Resection(SILS-AR)	9 20:01
	12	Safe Stapling and Anastomosis in Pelvic Cavity	© 26:16
	13	Laparoscopic Low Anterior Resection	© 21:26
UNIT 4	14	Robotic Surgery for Rectal Cancer	© 20:04
	15	TME & Colo-anal Anastomosis, TOP to BOTTOM	© 30:14
	16	Lateral Pelvic Node Dissection	© 18:49
	17	Laparoscopic Abdominoperineal Resection	© 21:55
UNIT 5	18	Transanal TME(Total Mesorectal Excision)	© 16:39
	19	Laparoscopic Inguinal Hernia Repair	47:53
	20	Transanal Minimally Invasive Surgery(TAMIS)	© 11:57
	21	Enhanced Recovery after Surgery (FRAS) in Colorectal Surgery	B 22:42



- Anatomy and Oncologic Principle in Colon Cancer
- Anatomy and Oncologic Principle in Rectal Cancer
- Radical Colorectal Surgery Beyond TME
- Updated Technology/Treatment Strategies in Colorectal Field
- Prevention, Detection and Management of Complications



			7hrs 14m
UNIT 1	01	Anatomy and Evidence Review of CME & CVL	© 12:42
	02	Surgical Technique of Laparoscopic Right Hemicolectomy with D3 Dissection	© 25:38
	03	Surgical Technique and Evidence Review of ICA & ECA	© 23:05
	04	Complexity of Surgical Approach to Transverse Colon Cancer	© 16:02
	05	Anatomy and Surgical Technique of Splenic Flexure Takedown	© 16:55
UNIT 2	06	Surgical Anatomy and Techniques of TME	© 25:12
	07	LPLD: Evidence & Anatomy	© 16:43
	08	Surgical Procedure of Lateral Pelvic Lymph Node Dissection	© 25:24
	09	Robotic TME: Techniques and Review	© 18:53
	10	Laparoscopic Colorectal Surgery Using Articulating Devices	© 13:20
UNIT3	11	Evidence-based Review of Pelvic Exenteration	© 14:46
	12	Anatomical Understanding & Surgical Approach for Pelvic Exenteration	© 14:14
	13	Extralevator APR Procedure & Review of Literature	© 19:11
	14	Pelvic Reconstruction: GS-PS Collaborative Approach in Pelvic and Perineal Surgery	© 20:26
UNIT 4	15	Application of Indocyanine Green in Colorectal Surgery	© 15:25
	16	Safe Stapling Technique	© 17:29
	17	Surgical Bond in Colorectal Surgery	© 15:26
	18	Neoadjuvant Treatment in Colorectal Field(TNT, Neoadjuvant Chemo, Long & Short RTx)	© 24:37
	19	Laparoscopic Surgery after Metallic Stent Insertion for Obstructive Left-sided Colorectal Cancer	© 15:32
UNIT 5			
ONII 3	20	Surgical Site Infection	© 21:35
	21	Anastomosis Leakage in Colorectal Surgery	© 28:14
	22	Postoperative Ileus	© 22:13
	23	Incisional Hernia	© 11:46

Medical Korea Academy | 10 11 | Online Training Program

Breast & Thyroid Surgery Skills



- Breast and Thyroid USG & Basic Benign Breast Surgery
- Basic Breast Surgery for Breast Cancer
- Basic Axillary Surgery for Breast Cancer
- Thyroid/Parathyroid Surgery(Open)
- Thyroid Surgery(Endoscopic/Robotic)

	대한외과술기연구회 Korean Surgical Skill Study Group
--	--

			Thrs 06m
UNIT 1	01	Breast and Thyroid Ultrasonography Intraoperative	© 27:23
	02	Ultrasound-guided Fine Needle Aspiration Cytology & Core Needle Biopsy for	_
		Breast Nodules	© 21:25
	03	Excision Biopsy Incision & Drainage	25:09
	04	Wide Excision of Benign Breast Disease	© 17:10
UNIT 2	05	Breast Conserving Surgery(Overlying Skin Incision)	© 20:17
	06	Basic Breast Surgery for Breast Cancer: Total Mastectomy	© 22:34
	07	Nipple Sparing Mastectomy(NSM): Various Incision Techniques	© 23:19
UNIT3	08	Sentinel Lymph Node Biopsy	© 20:34
	09	Axillary Lymph Node Dissection with Total Mastectomy	© 26:26
	10	Axillary Lymph Node Dissection II: with BCS or Separate Incision	© 20:10
UNIT 4	11	Conventional Open Total Thyroidectomy	© 29:04
	12	Central Neck Lymph Node Dissection	© 11:19
	13	Thyroid Surgery: Lateral Neck Dissection	© 25:06
	14	Intraoperative Neuromonitoring During Open Thyroidectomy	© 20:12
UNIT 5	15	Thyroidectomy Bilateral Axillo-breast Approach(BABA)	© 24:12
	16	Robotic Transaxillary Thyroidectomy	© 23:21
	17	Transoral Robotic Thyroidectomy(TORT)	© 51:36
	18	Posterior Retroperitoneoscopic Adrenalectomy(PRA)	© 17:24

Trauma & Surgical Critical Care Skills 🐳



- Primary Survey and Resuscitation for Multiple Trauma Patients
- Airway and Ventilatory Management
- Thoracic Trauma
- Abdomen and Pelvic Trauma
- Bedside Procedure and ICU Management



		Chrs 49m
UNIT1	01 Primary Survey and Resuscitation for Multiple Trauma Patients	© 25:02
	02 Damage Control Resuscitation	© 12:09
	03 Massive Transfusion & Hemostatic Agents	© 16:48
	O4 Fast(Focused Assessment with Sonography for Trauma)	2 4:13
UNIT 2	05 Management of the Airway	© 18:27
	Rapid Sequence Intubation(RSI)	© 10:23
	07 Cricothyroidotomy	© 07:48
	08 Tracheostomy	© 20:44
UNIT 3	09 Initial Evaluation and Management of Thoracic Injury	25:38
	10 Needle Decompression Tube Thoracostomy	© 17:45
	11 Resuscitative Thoracotomy	© 30:32
	12 Pericardiocentesis Pericardiostomy	© 22:41
UNIT 4	13 Abdominal Injury: Trauma & Surgical Critical Care	© 27:55
	14 Damage Control Surgery and Temporary Abdominal Closure	© 37:19
	15 Assessment and Management for Pelvic Injury	© 15:34
	16 Preperitoneal Pelvic Packing	© 15:05
UNIT 5	17 Arterial Line Placement	© 09:03
	18 Central Venous Catheterization	© 11:58
	Basic Principle and Interpretation of Mechanical Ventilation	© 34:16
	20 Hemodynamic Monitoring	© 25:52

Medical Korea Academy | 12 13 | Online Training Program

Surgical Emergency



- General Management for Surgical Emergency
- Surgical Emergency in Gastrointestinal Tract (1)
- Surgical Emergency in Gastrointestinal Tract (2)
- Surgical Emergency in HBP Organs
- Burn and Pediatric Surgical Emergency



			10hrs 56m
UNIT 1	01	Fluid Management	© 28:51
	02	ICU Nutrition	© 36:37
	03	Shock	© 24:25
	04	Difficult Abdominal Wall Closure	© 37:30
	05	Surgical Access for Nutitional Support(Jejunostomy, Gastrotomy)	© 27:11
UNIT 2	06	Surgical Treatment for Gastro-Duodenal Perforation	a 37:17
	07	Small Bowel Obstruction	© 27:52
	08	Various Endoscopic Hemostatic Methods	© 16:59
	09	Acute Appendicitis and Colon Diverticulitis	© 39:42
UNIT3	10	Perforation in the Colon and Rectum	© 20:59
	11	Surgical Management for Colorectal Obstruction	© 20.33
	12	Surgical Treatment of Colonoscopic Complications	© 17:50
	13	Assessment and Management of Anorectal Injury	© 22:20
	14	Stoma-Management and Complication Prevention	© 28:22
UNIT 4	- 45		
	15	Radiologic Finding of Hepatobiliary, Pancreas Emergency : Trauma and Non-Traumatic Condition	© 54:00
	16	Surgical Treatment of Acute Cholecystitis	© 30:55
	17	Management of CBD Stone and Biliary Injury	© 28:24
	18	Surgical Treatments for Liver Injury	© 27:24
	19	Pancreas and Spleen Injury	© 23:33
UNIT 5		Little I Manager and and Elicid Decrease that in the Domest Delicate	
	20	Initial Management and Fluid Resuscitation for Burned Patients	© 31:04
	21	Surgical Treatment of Burns	© 27:52
	22	Pediatric Emergency : Intussusception	© 20:25
	23	Infantile Hypertrophic Pyloric Stenosis(IHPS)	© 18:25

Minimally Invasive Surgery



• Overview of Laparoscopic and Robotic Surgical Systems, Surgical Instruments, and Basic Techniques



- Basic Surgery for Upper and Lower Gastrointestinal Tracts and Hernia
- Basic Surgery for Hepatobiliary System and Thyroid Gland

		4hrs 48m
UNIT 1	01 Laparoscopic Instrument (Camera and Energy Devices)	© 20:42
	02 Basic Laparoscopy Techniques	© 32:06
	03 Laparoscopic Bleeding Control in Gastrointestinal Surgery	© 26:06
	04 Preparation and Operation of the da Vinci Robotic System	© 24:33
UNIT 2	05 Minimally Invasive Surgery Distal Gastrectomy	3 30:29
	06 Minimally Invasive Surgery for Colon Surgery	© 34:41
	07 Minimally Invasive Surgery for Hernia Surgery	47:57
UNIT3	08 Minimally Invasive Cholecystectomy	© 25:08
	09 The Basics of Laparoscopic Liver Resection :Left Lateral Section	
	10 MIS Thyroidectomy	© 20:36

Medical Korea Academy | 14 15 | Online Training Program











Internal Medicine Skills Education

- Echocardiography Skills
- Endoscopic Skills
- Infection Control Skills

Internal Medicine Skills Education Internal Medicine Skills Education

Echocardiography Skills



- Basic Transthoracic Skills
- Special Echocardiography and Assessment of Cardiac Function
- Disease Specific Echocardiographic Findings(1)
- Disease Specific Echocardiographic Findings(2)
- Disease Specific Echocardiographic Findings(3)



			alitz 23III
UNIT 1	01	The Structure and Hemodynamics of Heart	© 28:57
	02	Physics and Knobology	© 27:56
	03	Normal Echocardiography and Measurement	© 23:42
	04	Normal Variants and Artifacts	© 22:39
UNIT 2	05	Doppler Study and Hemodynamic Assessment	© 28:38
	06	Transesophageal Echo, Contrast Echo & Stress Echo	© 36:55
	07	Left and Right Ventricular Systolic Function	© 38:51
	08	Diastolic Function of the Left Ventricle	© 34:45
UNIT3	09	Evaluation of RWMA(Regional Wall Motion Abnormality)	© 25:30
	10	Complications of MI and Non-ischemic RWMA	© 23:57
	11	Valvular Stenosis	© 28:48
	12	Valvular Regurgitation	47:08
UNIT 4	13	Hypertrophic Cardiomyopathy and Restrictive Cardiomyopathy	© 31:12
	14	Dilated Cardiomyopathy	© 19:51
	15	Acute Aortic Syndrome	© 24:38
	16	Aortic Aneurysm & Aortic Atherosclerosis	© 23:52
UNIT 5	17	Congenital Heart Disease in Adult	22:59
	18	Pericardial Disease	© 29:46
	19	Pulmonary Hypertension and Pulmonary Embolism	© 29:10
	20	Cardiac Mass and Infective Endocarditis	© 24-44

Endoscopic Skills



- Preparations for the Start of the Endoscopy Room
- Pre- and Post-treatment for Endoscopes and Essential Monitoring of Endoscopic Processes



- Getting Started with Upper Gastrointestinal Endoscopy
- Getting Started with Lower Gastrointestinal Endoscopy
- Getting Started with Advanced Technology for High Level of Endoscopy

J	6, 6	8hrs 03m
UNIT1	01 Human Resource and Facilities Preparation	© 17:36
	Understanding and Proper Management of Endoscopic Structures	© 22:05
	03 Disinfection: High-level Disinfectant and Reprocessing Methods	© 21:29
	04 Program of Nurse Training	© 20:28
UNIT 2	05 Pre-procedural Preparation for Sedation Endoscopy and Sedation	© 23:36
	06 Intra - and Post - procedural Monitoring of Sedation Endoscopy	• 18:13
	07 Dealing and Prevention of Adverse Events During Sedation for GI Endoscop	oy 6 26:33
	08 General Introduction for Endoscopic Quality Evaluation	© 13:19
UNIT 3	09 Basic Technique of Esophagogastroduodenoscopy	© 38:23
	10 Biopsies in Gastrointestinal Endoscopy	© 32:21
	11 Upper Gastrointestinal Endoscopy: Case-based Learning	© 19:39
	12 Basic Therapeutic Endoscopy: Endoscopic Hemostasis	© 19:47
UNIT 4	13 Preparation before Colonoscopy: Pre-treatment	© 13:22
	14 Basic Technique of Basic Colonoscopy Insertion and Diagnostic Colonosco	opy © 15:48
	15 Complication Related to Colonoscopy	© 22:35
	16 Lower Gastrointestinal Endoscopy: Case-based Learning	© 44:26
UNIT 5	17 Gastric Polypectomy	© 24:34
	18 Colon Polypectomy: Case-based Learning	© 35:37
	19 Endoscopic Submucosal Dissection(ESD)	© 26:16
	20 Percutaneous Endoscopic Gastrostomy(PEG)	© 27:02

Medical Korea Academy | 18 19 | Online Training Program

03

Infection Control Skills (%)







 Clinical Environment Management; Infection Control in Small and Medium Hospitals; Infection Control by Disease

			8hrs 25m
UNIT 1	01	Basics and Concepts of Infection Control	© 26:32
	02	Infection Control System and Operation	© 27:13
	03	Data Analysis, Statistical Analysis, and Data Utilization in Infection Control	© 23:38
UNIT 2	04	Physician Aspects of Infection Control in Medical Institutions	© 24:38
	05	Nurses Aspects of Infection Control in Medical Institutions	© 23:41
	06	Management Aspect of Infection Control in Medical Institutions	© 27:05
UNIT 3	07	Hand Hygiene Needs and Practice, Hand Hygiene Monitoring	9 17:57
	08	Aspects of Microbiology and Diagnostic Laboratory Medicine Necessary for	
	00	Infection Control in Medical Institutions	© 33:39
	09	Multidrug Resistant Bacteria Infection Control	© 24:07
	10	Prepare for High-risk Infectious Diseases	© 24:36
UNIT 4	11	Infection Control by Transmission Route (Standard, Contact, Droplet, Air-	0.04
		borne Infection)	© 23:16
	12	Prevention and Management of Patients Exposed to Infectious Diseases and Infection Control of Medical Personnel	• 32:11
	13	Infection Control Related to Children and Newborns, Including Neonatal	
	10	Intensive Care Unit	© 27:36
UNIT 5	1/1	Disinfection and Starilization Management	A 22.55
	14	Disinfection and Sterilization Management	© 22:55
	15	Infection Control by Department	© 21:44
	16	Cleaning, Waste Management, Laundry Management, Visitor Management	© 30:57
UNIT 6	17	Infection Control in Small and Medium Hospitals and Nursing Hospitals	© 23:27
	18	Management of Central Venous Catheter and Central Catheter Associated Infection	© 22:30
	19	Ventilator Associated Infection Control and Nosocomial Pneumonia Management	© 26:06
	20	Urinary Catheter Infection Management and Urinary Tract Infection Management	© 21:29

Empower Yourself to Make a Difference in the Medical Field

Medical Korea Academy | 20 21 | Online Training Program











Dentistry Education

- **01** Prosthodontics
- **02** Oral and Maxillofacial Surgery
- **03** Dental Implantology

Dentistry Education Dentistry Education

Prosthodontics

- Digital Dentistry
- Fixed Prosthodontics





			4 hrs 28m
UNIT 1	01	Understanding Digital Workflow	23:48
	02	Effective Utilization of Intraoral Scanners	© 24:58
	03	Clinical Utilization of Facial Scans and Virtual Patients	© 26:00
	04	Occlusal Considerations of Digital Prosthesis	© 21:47
	05	Understanding the Manufacturing Process of Milling and 3D Printing	© 20:17
UNIT 2	06	Longevity & Reliability of Monolithic Zirconia	© 18:32
	07	Cementation of Zirconia	© 15:07
	08	Zirconia as Implant Restorative Material	© 13:49
	09	Use of Multilayer Zirconia	© 16:44
UNIT3			
	10	Understanding Removable Partial Dentures(RPD) Components	© 16:30
	11	Diagnosis and Treatment Planning	© 21:15
	12	Principles of RPD Design	© 17:32
	13	Tooth-Tissue Supported RPD	© 20:43
	14	Fitting the Framework & Jaw Relation Record	© 11:48

Oral & Maxillofacial Surgery



- Oral and Maxillofacial Surgery
- Oral and Maxillofacial Surgery: Latest trends in Orthognathic Surgery



			Janes 22m
UNIT1	01	Basic Knowledge and Management of Temporomandibular Disorders(TMDs)	© 14:30
	02	Current Temporomandibular Joint(TMJ) Surgery for Advanced TMDs	© 20:37
	03	Orthognathic Surgeries with Severe TMDs(TMJ OA)	© 14:06
	04	Robot-Assisted Oral Cancer Surgery	© 18:24
	05	Latest Trends & Techniques in Mandible Reconstruction	© 16:27
	06	Maxilla Reconstruction Based on the Extent of the Defect	© 20:02
UNIT 2	07	Current Trends in Facial Bone Surgery	© 24:20
	08	Tips and Tricks for Stable Mandibular Setback Surgery	© 19:06
	09	Simple and Accurate Surgical Planning for Orthognathic Surgery of	0.0150
		Facial Asymmetry Parients	© 21:53
	10	Aesthetic Facial Bone Surgery: Orthognathic Surgery & Facial Bone	A 22.21
		Contouring Surgery	© 33:31

Medical Korea Academy | 24 25 | Online Training Program

Dental Implantology



- Considerations before Implant Treatment, Anatomy and Diagnostics for Implant
- A surgical Procedure for an Implant, Implant Prosthetics



How to Take Care of it after Implant

			Snrs 23m
UNIT1	01	Strategy of Dental Treatment in Antiresorptive Therapy	© 16:08
	02	MRONJ and Dental Implants	© 12:21
	03	Radiographic Evaluation in Dental Implantology	© 26:27
	04	Ruling out Any Abnormal Findings that May Lead to Implant Failure	© 23:05
UNIT 2	05	Immediate Placement	© 24:57
	06	Sinus Surgery	© 22:35
	07	Various Impression Methods for Dental Implant	© 23:36
	08	Understanding of Different Connections of Dental Implants & Screw Mechanics	© 21:49
UNIT3	09	Peri-Implantitis Treatment	6 17:11
	10	Implant Maintenance	© 15:27

Expand Your Clinical Expertise from Anywhere with MKA e-class

27 | Online Training Program Medical Korea Academy | 26









Non-clinical Education

Medical ICT

Hospital Management

Non-clinical Education Non-clinical Education



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



			12hrs 08m
JNIT1	01	Hospital Information System: Backbone of Healthcare Data, SNUBH Experience(1)	35:56
	02	Hospital Information System: Backbone of Healthcare Data, SNUBH Experience(2)	© 37:27
	03	Korean Perspective of Healthcare ICT	© 27:29
JNIT 2	04	EMR Functionality	4 30:33
	05	EMR: Standards of Electronic Health Records	© 33:05
	06	Adoption Strategy of EMR(Electronic Medical Record)(1)	© 29:47
	07	Adoption Strategy of EMR(Electronic Medical Record)(2)	© 30:07
	08	Distributed Research Network for Multi-center Big Data Research	© 55:08
JNIT 3	09	Concept & Trend of Big Data & AI in Healthcare(1)	© 32:57
	10	Concept & Trend of Big Data & AI in Healthcare(2)	© 31:53
	11	Al Showcase in Korea: Enterprise Imaging Strategy & Planning	© 25:49
	12	Al Showcase in Korea	49:44
UNIT 4	13	5G, IoT & Connected Healthcare(1)	39:23
	14	5G, IoT & Connected Healthcare(2)	49:13
	15	Experience of Mobile Healthcare Applications: Development, Implementation & Evaluation(1)	47:52
	16	Experience of Mobile Healthcare Applications: Development, Implementation & Evaluation(2)	© 37:35
JNIT 5	17	Concept of PMI: Future Medicine	© 33:43
	18	PMI: Precision Healthcare with Personal Genome Information	49:46
	19	Korea Usecase of PMI(1)	© 30:28
	20	Korea Usecase of PMI(2)	© 20:52

Hospital Management



- Leadership of Hospital Management Managers
- Organization and Management of Hospital Organization
- Hospital Finance and Accounting
- Hospital Informatization
- Hospital Performance Management



		Tihrs 21m
UNIT1	01 Concept and Environment of Hospital Management	© 33:49
	02 Roles of Leaders and Managers	© 35:46
	Mission, Vision and Goals of Health Service Organization	© 27:39
	04 Human Resources Management of the Hospital	© 29:23
	05 Case Study	© 22:18
UNIT 2	06 Classification of Hospital	© 20:04
	07 Structures and Characteristics of Hospital Organization	9 19:21
	08 Organization Design	© 31:30
	09 Organizational Behavior Management	© 30:27
	10 Case Study	© 26:34
UNIT3	11 Concepts and Classification of Hospital Finance/Accounting	© 24:02
	12 Understanding Financial Statements	© 27:19
	13 Hospital Financial Analysis	© 30:29
	14 Capital Raising and Capital Budgeting of Hospitals	© 26:31
	15 Hospital Asset Management	© 25:55
UNIT 4	16 Hospital Information System	© 22:04
	17 Common Data Model	© 35:19
	18 Medical Information & Intelligence Technology Utilization	© 25:46
	19 PHR and eHealth Exchange	© 35:17
	20 CDSS and AI	© 19:44
UNIT 5	21 Hospital Environment Analysis	© 30:31
	22 Hospital Performance Analysis	© 16:30
	23 Innovation and Total Quality Management of Hospitals	© 29:24
	24 Healthcare Service Management	© 25:01
	25 Hospital Branding	© 31:01

Medical Korea Academy | 30 31 | Online Training Program

Host

Ministry of Health and Welfare

- ♀ 13, Doum 4-ro, Sejong, Korea
- http://www.mohw.go.kr/eng/index.jsp



Organizer

Korea Health Industry Development Institute (KHIDI)

- ♀ 187, Osongsaengmyeong 2-ro, Osong-eup, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Korea
- https://www.khidi.or.kr
- 🔀 mkaglobal@khidi.or.kr



Participating Institutions

The Korean Surgical Skill Study Group (KSSSG)

- 9 #415, Venture building, 5-15, Seonggi 5-gil, Mapo-gu, Seoul, Korea
- http://www.ksssg.co.kr



The Korean Society of Hospital Management (KSHM)

- 9 #377, YIHW, 1, Yeonsedae-gil, Heungeop-myeon, Wonju-si, Gangwon-do, Korea
- http://ksha.net



Korean Academy of Dental Science (KADS)

- 9 #205, 257, Gwangnaru-ro, Seongdong-gu, Seoul, Korea
- https://kads.or.kr



Ewha Womans University Mokdong Hospital

- 1071, Anyangcheonro, Yangcheon-gu, Seoul, Korea
- https://mokdong.eumc.ac.kr/eng

EUMC EWHA WOMANS UNIVERSITY MOKDONG HOSPITAL

Ewha Womans University Seoul Hospital

- 260, Gonghang-daero, Gangseo-gu, Seoul, Korea
- https://seoul.eumc.ac.kr/eng



Pusan National University Yangsan Hospital

- 20, Geumo-ro, Mulgeumeup, Yangsan-si, Gyeongsangnamdo, Korea
- https://www.pnuyh.or.kr/english



Seoul National University Bundang Hospital

- 💡 82, Gumi-ro 173 Beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do, Korea
- https://www.snubh.org/dh/en/



Contact us

- Partnership inquiries : mkaglobal@khidi.or.kr
- MKA e-class support: mkaeclass@gmail.com







- @medicalkoreaacademy
- medicalkoreaacademy1
- Medical Korea Academy
- **2019KMTP**
- in company/medical-korea-academy