

SCIENTIFIC PROGRAM

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09:15-09:25	Opening Remark	Room 4
09:25-10:55	Symposium I: Significance of Nutrition Therapy in Critical Care	Room 4
Chairs	Joji Kotani (Division of Disaster and Emergency Medicine, Department of Surgery Related, Kobe University Graduate School of Medicine) Sang-Jae Park (National Cancer Center)	
09:25-09:45	Caloric intake: Is it a Concern for Critically Ill Patients?	
	Suk-Kyung Hong (Director, Surgical intensive care units, Professor of Surgery, Division of Acute Care Surgery, Department of Surgery, University of Ulsan College of Medicine, Asan Medical Center)	
09:45-10:05	High and adequate protein for the critically ill; enough seems enough but what are the needs?	
	Taku Oshima (Institute for Advanced Academic Research, Chiba University, Japan Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine, Japan)	
10:05-10:25	Micronutrient: A case of YES or NO	
	Mohammad Shukri Jahit (Senior Consultant Upper GI Surgeon, National Cancer Institute Putrajaya, Malaysia)	
10:25-10:45	Immune Modulator and Nutritional Support in Critically ill Patients	
	Pingping Jia (Beijing Shijitan Hospital, Capital Medical University, Beijing, China)	
11:00-12:20	Symposium II: Significance of ERAS in the Gastrointestinal Surgery	Room 4
Chairs	Hiroshi Sato (Saitama Medical University International Medical Center) Ming-Tsan Lin (National Taiwan University Hospital)	
11:00-11:20	Change in Nutrition and Metabolic in ERAS	
	Tee Sze Chee (National Cancer Institute, Putrajaya, Malaysia)	

11:20-11:40 **A randomized study on the effect of amino acid administration on muscle mass loss during the perioperative period for gastric cancer**

Ryo Tanaka (Department of General and Gastroenterological Surgery, Osaka Medical and Pharmaceutical University, Takatsuki, Osaka, Japan)

11:40-12:00 **Factors affecting the outcomes of ERAS
—Empowering Teams through Enhanced Recovery after Surgery**

Shu-Lin Guo (Chairman, Taiwan Chapter, ERAS Society)

12:00-12:20 **ERAS in patients with Risk**

In Kyu Lee (Department of Surgery, Seoul St. Mary's Hospital, The Catholic University of Korea)

13:40-14:10 ASSMN General Assembly Room 4

14:10-14:40 ASSMN Presidential Lecture Room 4

Chair Naoki Hiki (Professor and Chairman Department of Upper Gastrointestinal Surgery Kitasato University School of Medicine, Kanagawa, Japan)

14:10-14:40 **Lessening morbidity and Improving Survival in Surgical Patients**

Ho-Seong Han (Seoul National University Bundang Hospital, Seoul National University College of Medicine, Korea)

**14:50-16:10 Symposium III: Significance of Sarcopenia in
the Gastrointestinal Surgery Room 4**

Chairs Yoshihiro Nabeya (Chiba Cancer Center, Division of Esophago-Gastrointestinal Surgery/Chiba University School of Medicine)

Enders Kwok-Wai Ng (The Chinese University of Hong Kong)

14:50-15:10 **Surgical & Oncologic Outcomes of Sarcopenia in Surgery**

Hans Alexander Mahendran (Sultanah Aminah Hospital, Johor Bahru, Malaysia)

15:10-15:30 **Diagnostic & Predictive Tools of Sarcopenia Management**
Jeonghyun Kang (Gangnam Severance Hospital, Yonsei University College of Medicine, Seoul, Korea)

15:30-15:50 **Perspective of Surgeons on Sarcopenia**
Cheng-Le Zhuang (Colorectal Cancer Center, Department of Gastrointestinal Surgery, Shanghai Tenth People's Hospital, Tongji University School of Medicine, Shanghai, China)

15:50-16:10 **Pre-habilitation of sarcopenic patients**
Kazuyoshi Yamamoto (Department of Gastroenterological Surgery, Osaka University, Japan)

16:20-17:50

Oral Presentation

Room 4

Chairs Kazuhiko Fukatsu (Surgical Center, The University of Tokyo Hospital)
Jeong-Meen Seo (Samsung Medical Center)

AO-1 **Risk prediction of the metabolic syndrome using TyG Index and SNPs: a 10-year longitudinal prospective cohort study**
Min-Su Park, Hyelim Joo, BumSoo Kim
Department of surgery, KyungHee University

AO-2 **Effect of rigorous fluid management using real-time monitoring of ECW ratio by bioelectrical impedance analysis in critically ill patients after surgery**
Hye Sung Kim, Eun Young Kim
Division of Trauma and Surgical Critical Care, Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

AO-3 **Usefulness of phase angle on bioelectrical impedance analysis as a surveillance tool for postoperative infection in critically ill patients**
Gyeo Ra Lee, Eun Young Kim
Division of Trauma and Surgical Critical Care, Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea

AO-4 **Identification of ICU patients with high nutritional risk after abdominal surgery using mNUTRIC score and the association of energy adequacy with 90-day mortality**
Eun Young Kim
Division of Trauma and Surgical Critical Care, Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea)

- AO-5 **Decreased oral protein intake in subacute phase is associated with PICS occurrence and poor long-term survival after sepsis -A single-center prospective observational study**
Shigeaki Inoue¹, Nobuto Nakanishi¹, Yoshihisa Fujinami², Yuko Ono¹, Joji Kotani¹
¹. Dept. of Disaster and Emergency Medicine, Kobe University, Graduate School of Medicine, ². Dept. of Emergency Medicine, Kakogawa Central City Hospital
- AO-6 **Effect of reducing in-hospital mortality and 60-day mortality through strict nutritional supplementation in critically ill patients after surgery: single-labelled, randomized controlled trial**
Kyoung Moo Im, Yoon Ji Chung, Eun Young Kim
Division of Trauma and Surgical Critical Care, Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Korea
- AO-7 **Low Serum Selenium level was strongly associated with critically ill surgical patients' mortality**
Jae-myeong Lee, Irene F. Sanchez, Han-young Lee, Jae-myeong Lee
Division of Acute Care Surgery, Department of Surgery, Korea University Anam Hospital, Korea University Medical Center, Seoul, Republic of Korea
- AO-8 **The role of compliance in colorectal cancer ERAS for quality control of perioperative care**
In Kyeong Kim, Jung Hoon Bae, In Kyu Lee
Department of Surgery, Seoul St. Mary's Hospital, The Catholic University, Seoul, Korea
- AO-9 **High adherence to the enhanced recovery after surgery (ERAS) protocol improves long-term survival outcomes in colorectal cancer, How and Why?**
Jung Hoon Bae, In Kyu Lee
Division of Colorectal Surgery, Department of Surgery, Seoul St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Seoul, Republic of Korea

16:20-16:50 Poster Presentation

- AP-1 **The impact of frailty and sarcopenia on postoperative outcomes in elderly gastric cancer patients undergoing gastrectomy**
Young Suk Park, So Hyun Kang, Sang-Hoon Ahn, Yun-Suhk Suh, Hyung-Ho Kim
Department of Surgery, Seoul National University Bundang Hospital, Seongnam-Si, Republic of Korea
- AP-2 **Nutritional care of a nasogastric tube feeding patient with flame burn injury**
Li-Yen Tsao¹, Hsia-Su Wu²
¹Department of Nutrition, Chung Shan Medical University Hospital, Taichung, Taiwan, ²Department of Plastic Surgery, Chung Shan Medical University Hospital, Taichung, Taiwan

- AP-3 **Prognostic impact of perioperative pan-immune-inflammation value ratio on oncologic outcomes following neoadjuvant chemotherapy followed by surgery in resectable stage IV colorectal cancer patients**
SungUk Bae, Kyeong Eui Kim, Woon Kyung Jeong, Seong Kyu Baek
Keimyung University and Dongsan Medical Center, Daegu, Korea
- AP-4 **Impact of the preoperative SARC-F score on postoperative outcomes following colorectal cancer surgery**
SungUk Bae, Young Jae Kim, Woon Kyung Jeong, Seong Kyu Baek
Keimyung University and Dongsan Medical Center, Daegu, Korea
- AP-5 **Indirect expenditure, Financial Risk Protection in health Among Residents of Kalutara District in 2019.**
Zoysa H.N.D.¹, De Silva P.², Chulasiri P.¹
¹Anti Malaria Campaign, Ministry of Health, ²WHO Country Office, Maldives
- AP-6 **A high visceral fat to subcutaneous fat ratio predicts a poor prognosis in patients with resected pancreatic ductal adenocarcinoma**
Boram Lee¹, Ho-Seong Han², Yoo-Seok Yoon², Jai Young Cho², Hae Won Lee²
¹Seoul National University Bundang Hospital, ²Department of Surgery, Seoul National University Bundang Hospital, Korea
- AP-7 **Dietary Intake and Clinical Outcomes in Patients with Head and Neck Cancer after Surgery**
Li-Chun Hsieh¹, Pei-Yin Chen², Yi-Ting Chang³, Hsing-Chun Lin¹, Frank Cheau-Feng Lin⁴
¹Department of Nutrition, Chung Shan Medical University Hospital, Taichung, Taiwan, ²Department of Oral and Maxillofacial Surgery, Chung Shan Medical University Hospital, Taichung, Taiwan, ³Department of Nursing, Chung Shan Medical University Hospital, Taichung, Taiwan, ⁴Department of Parenteral Nutrition, Chung Shan Medical University Hospital, Taichung, Taiwan
- AP-8 **Effectiveness of Prucalopride Succinate in Stimulating Bowel Movements in Hospitalized Patients: A Prospective Observational Study**
Tai-Shun Yen
Department of Hospital Medicine, Inha University. Hospital, Incheon, S. Korea
- AP-9 **Case Report: A Challenging Nutrition Therapy in Acute Mesenteric Ischemia: Massive Bowel Resection**
M. Regina Arien Himawan¹, F. Soemanto Padmomartono², Bernardus Parish Budiono³, Niken Puruhita⁴
¹Department of Clinical Nutrition, SMC Telogorejo Hospital, Semarang, Indonesia, ²Department of Gastroenretero-Hepatology, SMC Telogorejo Hospital, Semarang, Indonesia, ³Department of Digestive Surgery, dr Kariadi General Hospital, Semarang, Indonesia and Department of Digestive Surgery, SMC Telogorejo Hospital, Semarang, Indonesia, ⁴Department of Clinical Nutrition, dr Kariadi General Hospital, Semarang, Indonesia and Department of Clinical Nutrition, SMC Telogorejo Hospital, Semarang, Indonesia

AP-10

Current State of Nutritional Provision and Effects of Nutritional Support on Clinical Outcomes with Acute Kidney Injury Requiring Continuous Renal Replacement Therapy in the Surgical Intensive Care Unit

Chanhee Park, Jeongwoo Lee

Division of Trauma Surgery, Department of Surgery, Dongsan Medical Center,
Keimyung University School of Medicine, Daegu, Republic of Korea

17:50-18:00 Closing Remark

Room 4