July 2 (THU) **The 1st hall**

Opening Remarks 9 : 25～9 : 30

Akira Toki (Division of Pediatric Surgery,Department of Surgery, Showa University School of Medicine)

Symposium 9 : 30～10 : 30

Perioperative Nutritional Management in Hepato-Biliary Pancreatic Surgery 1

Chairpersons : Norihiro Kokudo (Artificial Organ and Transplantation Division, Department of Surgery, Graduate School of Medicine, The University of Tokyo)

Toshiyoshi Fujiwara (Department of Gastroenterological Surgery, Okayama University)

S1-1 **Impact of Perioperative Sarcopenia on Complications Following Major Hepatectomy with Extrahepatic Bile Duct Resection**

○ Yukihiro Yokoyama
Division of Surgical Oncology, Department of Surgery, Nagoya University Graduate School of Medicine

S1-2 **Perioperative Nutritional Management in the Hepatic Surgery, Improvment during 10 Years**

○ Toru Mizuguchi
Department of Surgery, Surgical Science and Oncology, Sapporo Medical University

S1-3 **Effects of Immunonutrition in Patients Undergoing Pancreaticoduodenectomy**

○ Katsunori Furukawa
Chiba University Graduate School of Medicine

S1-4 **Perioperative Immunonutrition Therapy for Liver Transplant Recipients at University of Tokyo**

○ Nobuhisa Akamatsu
Artificial Organ and Transplantation Division, Department of Surgery, Graduate School of Medicine, The University of Tokyo

S1-5 **Evidence-Based Perioperative Nutritional Management and Significance of Preoperative Sarcopenia in Liver Transplantation**

○ Toshimi Kaido
Division of Hepato-Biliary-Pancreatic and Transplant Surgery, Graduate School of Medicine, Kyoto University

S1-6 **Randomized Clinical Trial of an Enhanced Recovery Protocol Following Pancreaticoduodenectomy**

○ Ryuichi Yoshida
Department of Gastroenterological Surgery, Okayama University

Symposium 10：30～11：20

Perioperative Nutritional Management in Hepato-Biliary Pancreatic Surgery 2

Chairpersons： Toshimi Kaido (Division of Hepato-Biliary-Pancreatic and Transplant Surgery, Graduate School of Medicine, Kyoto University)
Yoshihiro Nabeya (Division of Gastroenterol Surgery, Chiba Cancer Center)

S2-1 **The Effectiness of Branched-Chain Amino Acids (BCAA) at the Perioperative Period of Hepatectomy**

○ Nobuhiko Taniai
Department of Gastro-Intestinal Hepato-Biliary- Pancreatic Surgery, Nippon Medical School

S2-2 **The Analysis of Perioperative Nutritional Support Using Eras in Pancreaticoduodenectomy**

○ Yasuhiro Matsugu
Department of Clinical Nutrition, Hiroshima Prefectural Hospital

S2-3 **Role of Enteral Feeding after Pancreatoduodenectomy for Management of Postoperative Complications**

○ Yuichi Sanada
Department of Surgery, Fukuoka Kinen Hospital

S2-4 **The Peri-Operative Nutritional Assessment Using Body Composition Analyzer and Subjective Global Assessment**

○ Yu Saito
Department of Surgery, Tokushima University

S2-5 **Impact of Nutrition Bundle Managements in Major Resection of Liver and Pancreas Malignancy**

○ Seiji Haji
Department of surgery, Osaka-Saiseikai-Nakatsu Hospital

Special Lecture 1 11 : 20～12 : 00

Chairperson : Makoto Usami (Division of Nutrition and Metabolism,Kobe University Graduate School of Health Sciences)

SL-1 **Kagawa University's "Rare Sugars" Provide a New Strategy to Overcome Life-Style Related Diseases**

Masaaki Tokuda
Department of Cell Physiology, Faculty of Medicine, Kagawa University

Luncheon Seminar 1 12 : 10～13 : 00

Chairperson : Yoshifumi Inoue (Division of Nutrition and Medical Engineering, Center for Advanced Medical Engineering and Informations, Osaka University)

LS-1 **Basic Science and Clinical Application of Micronutrients in Clinical Nutrition**

Kouji Masumoto
Department of Pediatric Surgery, Faculty of Medicine, University of Tsukuba

Sponsored by : Yoshindo Inc.

Invited Lecture 1 13 : 10～14 : 10

Chairperson : Hideo Takamatsu (Kagoshima University)

IL-1 **Liver Regeneration and Nutrition**

Hong-Shiee Lai
Department of Surgery, National Taiwan University Hospital

Invited Lecture 2 14 : 20～14 : 50

Chairperson : Ryoji Fukushima (Department of Surgery, Teikyo University School of Medicine)

IL-2 **Nutrition in Hepato-Biliary Pancreas Surgery**

Ho-Seong Han
Department of Surgery, Seoul National University College of Medicine, Korea

Invited Lecture 3 14 : 50～15 : 10

Chairperson : Takashi Higashiguchi (Department of Surgery and Palliative Medicine, Fujita Health University School of Medicine)

IL-3 **Korea Enteral Nutrition Status and New Regulation Law of Enteral Formulas**

Jeong-Meen Seo
Division of Pediatric Surgery, Department of Surgery, Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

Travel Grant 15 : 20~15 : 50

Chairperson : Shigeto Oda (Department of Emergency and Critical Care Medicine, Graduate School of Medicine, Chiba University)

T-1 **Tissue Plasminogen Activator Reduces Intraperitoneal Adhesion after Intestinal Resection**

○ Hui-Hsin Yang
Division of Pediatric Surgery, Departments of Surgery, National Taiwan University Hospital, Taipei, Taiwan

T-2 **The Impact of Preoperative Nutritional Deficiency on the Outcomes after Major Surgeries : A Nationwide Cohort Study**

○ Yi-Chun Chou
Department of Physical Medicine and Rehabilitation, China Medical University Hospital, Taichung, Taiwan

International Session, KSSMN joint Session 15 : 50~17 : 00

Chairpersons : Yoichi Sakurai (Department of Human Nutrition, Wayo Women's University)
Jae-Moon Bae (Department of Surgery,Sungkyunkwan University School of Medicine)

ISKS-1 **Nutritional Status after Laparoscopic Sentinel Node Navigation Surgery for Gastric Cancer**

○ Do Joong Park
Department of Surgery, Seoul National University Bundang Hospital, Korea

ISKS-2 **Intestinal Rehabilitation after Massive Bowel Resection in Post-Gastrectomy Patients**

○ Sanghoon Lee
Department of Surgery, Sungkyunkwan University School of Medicine, Samsung Medical Center, Seoul, Korea

ISKS-3 **Nutritional Assessment of Oncology Patients with the Patient-Generated Subjective Global Assessment**

○ Kai-Tao Yuan
Department of General Surgery, The First Affiliated Hospital, Sun Yat-sen University

ISKS-4 **Clinical Application of PEG/PRGJ Technology in Peking Union Medical College Hospital**

○ Chang-Zhen Zhu
Department of General Surgery, Peking Union Medical College Hospital

ISKS-5 **Interleukin-8 is a Prognostic Biomarker for Pancreatic Cancer Cachexia**

○ Chih-Jung Wang
Division of General Surgery, Department of Surgery, National Cheng Kung University Hospital, Tainan, Taiwan

ISKS-6 **Modified Glasgow Prognostic Score in Patients Received Major Upper GI Operation**

○ Yin-I Chiu
Division of General Surgery, Department of Surgery, National Cheng Kung University Hospital, Tainan, Taiwan

ISKS-7 **Gastrointestinal Symptoms Presenting Initially and Following Neuromyelitis Optica Spectrum Disorder, Sjögren's Syndrome and Malnutrition in a Child : A Case Report**

○ Fang Wang
Nutrition Department, Peking Union Medical College

"The Japanese Society for Amino Acid Sciences" joint Symposium

17 : 10～18 : 00

Chairpersons : Hisanori Kato (The University of Tokyo,Corporate Sponsored Research Program "Food for Life")
Masafumi Wasa (Medical Education Center, Osaka University)

S3-1 **Effect of the Oral Administration of Cystine on the Immune System in Mice**

○ Kenji A.K.Tanaka
Ajinomoto CO., INC. Institute for Innovation

S3-2 **Administration of Cystine and Theanine Improves Survival after Gut I/R by Modulating Glutathione Metabolism in Mice**

○ Taiki Miyakuni
Surgical Center, The University of Tokyo

S3-3 **Possibility of Muscle Fiber Type Conversion by Leucine Administration**

○ Fumiaki Yoshizawa
Department of Agrobiology and Bioresources, Faculty of Agriculture, Utsunomiya University

S3-4 **Identification of Mirna-663a as a Target of Leucine Deprivation and Atf4 Signaling in Hepg2 Cells**

○ Junki Yamamura
The University of Tokyo, Corporate Sponsored Research Program "Food for Life"

S3-5 **Branched-Chain Amino Acid Catabolism and Metabolic Disease**

○ Yasuyuki Kitaura
Graduate School of Bioagricultural Sciences, Nagoya University

ESSENSE for Cardiovascular Surgery

Chairpersons： Minoru Ono（The University of Tokyo, Faculty of Medicine, The Department of Cardiothoracic Surgery）
Go Miyata（Department of Surgery, Iwate Prefectural Central Hospital）

ES-1 **Enhanced Recovery after Surgery for Cardiovasucular Surgery — From the Viewpoint of the Essense Points —**

○ Wataru Tatsuishi
Department of Cardiovascular Surgery, Tokyo Women's Medical University, Medical Center East

ES-2 **Enhanced Recovery after Surgery for Peripheral Artery Disease**

○ Hiroshi Ishimura
Steel Memorial Hospital Yawata Vascular Diseas Center

ES-3 **Nutritional Management after Implantation of Ventricular Assist Device for Severe Heart Failure Patients**

○ Kan Nawata
The University of Tokyo, Faculty of Medicine, The Department of Cardiothoracic Surgery

ES-4 **Rehabilitation of Cardiovascular Surgery at Acute Phase**

○ Nobuo Morotomi
Yumino Heart Clinic

Sponsored by：Nestle Japan Ltd.

Medical Staff joint Session 9 : 30～10 : 20

Basic Research

Chairpersons : Nobuya Ishibashi (Department of Surgery, Yame General Hospital)
Wataru Kimura (Department of Gastroenterological, General, Breast and Thyroid Surgery, Yamagata University Faculty of Medicine)

M1-1 **Effect of Carnosine on the Inflammatory Mediator Production**

○ Akemi Hosoda
Tokyo Healthcare University

M1-2 **Effects of Duodenal-Jejunal Bypass on Non-Alcoholic Steatohepatitis (Nash) In a Diet-Induced Rat Model**

○ Takahiro Tsuchiya
Department of Surgery, Tohoku University Graduate School of Medicine

M1-3 **The Effect of Short Term Low Carbohydrate High Fat Diet on the Prognosis at the Time of Surgical Invasion**

○ Tomoki Watanabe
Department of Surgery, National Defence Medical College

M1-4 **Xanthohumol Inhibits Angiogenesis in Pancreatic Cancer**

○ Tomoya Shamoto
Department of Gastroenterological Surgery, Nagoya City University Graduate School of Medical Sciences

M1-5 **Role of Zerumbone in Cancaer Angiogenesis**

○ Yoichi Matsuo
Department of Gastroenterological Surgery, Nagoya City University

Medical Staff joint Session 10 : 20～11 : 10

Pharmaceutical Metabolism and Nutritional Care

Chairpersons : Hideki Taniguchi (Kanagawa University of Human Services)
Hiroyuki Hayashi (School of Pharmacy, Nihon University)

M2-1 **The Possibility of Pharmacokinetics Variation Due to Nutritional Therapy**

○ Keiichiro Higashi
Department of Pharmacy, Asanogawa General Hospital

M2-2 **Precautions of Commercially Available TPN Kit Formulation**

○ Shin-ichi Sugiura
Department of Health Administration, Nagoya University Graduate School of Medicine

M2-3 **Infusion Preparation and Filter**

○ Hajime Matsubara
School of Pharmacy, Kitasato University

M2-4 **Questionnaire about Pharmacist's Recognition of Intravenously Injected Fat Emulsion**

○ Atsushi Suzuki
Nutrition Therapy Center, Toho University Omori Medical Center

M2-5 **Problem of Clinical Nutritional Support and Polypharmacy in the Elderly**

○ Syuzo Masuda
Department of Community Care and Welfare Service, Mitsugi General Hospital

Medical Staff joint Session 15：30～16：40

NST

Chairpersons：Michio Jimmie Maruyama (Department of Surgery, Tanashi Hospital)
Miki Shibasaki (Kyorin University)

M3-1 **The Role of Medical Technologists in NST**

○ Mako Kakiuchi
Kitano Hospital, The Tazuke Kofukai Medical Research Institute

M3-2 **Nursing Education System for Nutritional Support**

○ Tame Soeno
Kanagawa Nutrition Support Nurse Group

M3-3 **The Impact of a Standardized Enteral Feeding Protocol**

○ Junko Ueshima
NTT Medical Center

M3-4 **This One Year of Efforts to be More Fulfilling NST Activity**

○ Hanae Oishi
Public Interest Incorporated Orchestra Fukuoka Medical Team Chidoribashibyoin NST

M3-5 **Respiratory and Rapid Nutrition Support Team Activity in ICU**

○ Tomoki Furuya
Department of General Medicine, Japanese Red Cross Akita Hospital

M3-6 **One Case Obtained the Improvement and Patient's Satisfaction of Nutritional Status by the Multidisciplinary Team**

○ Saki Nagata
Saitama Medical University International Medical Center Office of Nutrition/NST

M3-7 **Change after Calculating the Nutrition Support Team Added in Kagawa University Hospital**

○ Atsuo Kitaoka
Division of Clinical Nutrition & Food Services

Papers Recommended for JPEN 17：00～17：10

Chairperson：Masaharu Hasebe（Furukawabashi Hospital）

J-1 **The Efficacy of Double-Tubing Percutaneous Trans-Esophageal Gastro-Tubing for Treatment of Postoperative Complications**

○ Hideto Oishi
Division of Gastroenterological Surgery, Department of Surgery, Yachiyo Medical Center, Tokyo Women's Medical University

Medical Staff joint Session 17：10～18：10

Nutritional Care in Metabolic Disorders 1

Chairpersons：Masaharu Hasebe（Furukawabashi Hospital）
Takeo Kanno（Department of Nutrition, Showa University Hospital）

M4-1 **Effect of Long Term Low Protein Diet for More than Ten Years on Chronic Renal Failure Patients**

○ Takeo Kanno
Department of Nutrition, Showa University Hospital

M4-2 **The Effect of Carbohydrate Counting for the Diabetic Hemodialysis Patients**

○ Yukie Kitajima
Tokyo Healthcare University

M4-3 **Clinical Significance of Neutrophil to Lymphocyte Ratio in Patients with Septic Disseminated Intravascular Coagulation**

○ Atsushi Shirahata
Department of Surgery, Yokohama Asahi Central Hospital

M4-4 **The Alterations in Defecation, Fecal Microbiota and SCFA Concentrations Caused by Semi-Solid Enteral Formula**

○ Michio Jimmie Maruyama
Department of Surgery, Tanashi Hospital

M4-5 **Body Mass Index and Postoperative Survival Following Laparscopic Gastrectomy for Gastric Cancer**

○ Yousuke Kinjo
Department of Surgery, Toyooka Hosipital

M4-6 **Consideration of Factors about Wound Healing Under Negative Pressure Wound Therapy for Postoperative Wound Disruption**

○ Kiyotaka Hagihara
Department of Surgery, Osaka National Hospital

Requested Session 10 : 20～11 : 10

Dysphagia

Chairpersons : Naohiro Washizawa (Nutrition Therapy Center,Toho University Omori Medical Center)
Yoshimasa Ishii (Social Medical Corporation, Japan Medical Alliance, Ebina General Hospital, Nutrition Support Team)

RS1-1 **Development of Simple and Realistic Three Dimensional CG about Swallowing Anatomy**

○ Yukihiro Michiwaki
Japanese Red Cross Musashino Hospital

RS1-2 **Survey on the Degree of Oral Contamination in all Inpatients**

○ Yukihiro Michiwaki
Japanese Red Cross Musashino Hospital

RS1-3 **Extraction of Patients Who Require Oral Management Using Team Medicine Module in Computerized Medical Records System**

○ Hitoshi Mukohyama
Department of Oral Surgery, Yokohama City Minato Red Cross Hospital

RS1-4 **A Multicenter Study of Questionnaire Concerning to Perioperative Oral Management System**

○ Hideki Sekiya
Department of Oral Surgery, Toho University Oomori Medical Center

RS1-5 **Clinical Study on Patient Awakening Level Using Bispectral Index (BIS) Monitor. —Changes of the Wake Rhythm in Long Period of Time Measurement —**

○ Yoshimasa Ishii
Social Medical Corporation, Japan Medical Alliance, Ebina General Hospital, Nutrition Support Team

Showa University Dysphagia Research Society 15 : 30～17 : 30

Management for Dysphagia in Showa University

Chairpersons : Koji Takahashi (Division of Oral Rehabilitaion Medicine, Department of Special Needs Dentistry, School of Dentistry, Showa University)
Masahiro Chiba (Division of Pediatric Surgery, Department of Surgery, Showa University School of Medicine)

SG-1 **Dysphagia Rehabilitation in Showa University Hospital**

○ Mitsumasa Yoda
Department of Rehabilitation Medicine, Showa University School of Medicine

SG-2 **Evolution of Dysphagia Rehabilitation for Post-Treatment Head and Neck Cancer Patients in the Specialized Department of a Dental College**

○ Koji Takahashi
Division of Oral Rehabilitaion Medicine, Department of Special Needs Dentistry, School of Dentistry, Showa University

SG-3 **The Ideal Medicine Size and Dosage Form for Dysphagia Patient**

○ Naomi Kurata
Division of Community Healthcare and Pharmacy, Department of Healthcare and Regulatory Sciences, School of Pharmacy Showa University

SG-4 **Chest Physical Therapy for Coordination of Cough, Swallowing and Respiration**

○ Tetsuo Miyagawa
Showa University Graduate School of Nursing and Rehabilitation Sciences Division of Respiratory Care

Requested Session 17：30～18：20

Nutritional Assessment

Chairpersons： Kenji Omura（Nutrition Support Center, Ageo Central General Hospital）
Kouji Masumoto（Department of Pediatric Surgery, University of Tsukuba）

RS2-1 **Changes in Body Composition during Perioperative Period of Esophageal Cancer Surgery**

○ Yoshihiro Nabeya
Division of Gastroenterol Surgery, Chiba Cancer Center

RS2-2 **Estimation of Nourishment Instruction of Post Gastrectomy Syndrome by Pgsas Application**

○ Keiko Itou
Department of Clinical Nutrition, Hiroshima Prefectural Hospital

RS2-3 **Perioperative Nutritional Support and Nutritional Assessment in Patients of Pancreatoduodenectomy**

○ Yujiro Nishioka
Hepato-Biliary-Pancreatic Surgery Division, Department of Surgery, Graduate School of Medicine, University of Tokyo

RS2-4 **Perturbations in the Acyl Ghrelin Profile Following Liver Transplantation**

○ Kohei Murakami
Department of Gastroenterological Surgery, Osaka University Graduate School of Medicine

RS2-5 **Study of the Nutritional Assessment with the Use of Phase Angle in Severe Motor and Intellectual Disabilities**

○ Motomu Yoshida
Department of Pediatric Surgery, Kurume University, School of Medicine

"Japanese Society for Treatment of Obesity" joint Symposium

9 : 30～10 : 30

Metabolic Effect of Obesity Surgery

Chairpersons : Yasuyuki Seto (Department of Gastrointestinal Surgery, Graduate School of Medicine, The University of Tokyo)
Shinichi Okazumi (Department of Surgery, Toho University Sakura Medical Center)

S4-1 **The Effect of Gastrectomy on Diabetes**

○ Fumihiko Hatao
Department of Surgery, Tokyo Metropolitan Tama Medical Center

S4-2 **Regional Differences of Glucose Metabolic Profile after Infusion of Glucose into Different Sites of GI Tract**

○ Hiroshi Yamamoto
Department of Surgery, Shiga University of Medical Science

S4-3 **Long Term Results of Sleeve Gastrectomy and Sleeve Gastrectomy with Duodenal Jejunal Bypass : What is a Merit of Adding DJB to Sleeve?**

○ Kazunori Kasama
Weight Loss and Metabolic Surgery Center, Yotsuya Medical Cube

S4-4 **Effect of Laparoscopic Sleeve Gastrectomy for Nonalcoholic Steatohepatitis with Severe Obesity**

○ Akira Sasaki
Department of Surgery, Iwate Medical University

S4-5 **Clinical Outcome of Sleeve-Bypass for Morbid Obesity Patients with Type 2 Diabetes**

○ Takeshi Naitoh
Department of Surgery, Tohoku University Graduate School of Medicine

S4-6 **Effects of Sleeve Gastrectomy on Glucose Metabolism and Hypothalamic Feeding Center in an Obese Rat Model**

○ Masayuki Ohta
Department of Gastroenterological and Pediatric Surgery, Oita University Faculty of Medicine

"The Japanese Society for Metabolism Research in Pediatric Surgery" joint Symposium 10：30～11：20

IFALD/PNAC

Chairpersons： Motoshi Wada (Department of Pediatric Surgery, Tohoku University School of Medicine)
Toshihiko Watanabe (Department of Pediatric Surgery, National Center for Child Health and Development)

S5-1 **Pharmacological Study on Efficacy of Parenteral Fish Oil Emulsion for IFALD in Rats**

○ Daisuke Harada
Naruto Research Institute, Research and Development Center, Otsuka Pharmaceutical Factory, Inc.

S5-2 **Histopathological Findings of Intestinal Failure-Associated Liver Disease (IFALD)**

○ Kazuyuki Ishida
Department of Molecular Diagnostic Pathology, Iwate Medical University

S5-3 **Effect of Omega-3 Fatty Acid on Extremely Low Birth Weight Infants with Cholestasis Following Bowel Surgeries**

○ Kyoko Mochizuki
Department of Surgery, Kanagawa Children's Medical Center

S5-4 **Impact of Omega-3 Fatty Acid Emulsion on Liver Fibrosis in Infantile Intestinal Failure-Associated Liver Disease**

○ Masataka Takahashi
Department of Pediatric Surgery, National Center for Child Health and Development

S5-5 **Current Status and Efficacy of Omegaven in the Treatment of IFALD in Japan**

○ Shintaro Amae
Department of Surgery, Miyagi Children's Hospital

Special Lecture 2 11：20～12：00

Chairperson： Yoshikazu Mimura

SL-2 **Genome Information to Protein Engineering and Bio-Pharmaceuticals**

Hirofumi Doi
The University of Tokyo, Research Center for Advanced Science and Technology, Celish-FD, Inc.

Luncheon Seminar 2 12：10～13：00

Chairperson：Kazuhiko Fukatsu（Surgical Center, The University of Tokyo Hospital）

LS-2 **Use of Amino Acids in Nutrition Management during Surgical Stress: With a Focus on Glutamine, Arginine and Ornithine**

Ryoji Fukushima
Department of Surgery, Teikyo University School of Medicine

Sponsored by：Kyowa Hakko Bio Co., Ltd.

Invited Lecture 4 13：10～14：10

Chairperson：Yutaka Sanada（Showa University Fujigaoka Hospital）

IL-4 **Short Bowel Syndrome：Advances in Treatment Goals and Therapeutic Strategies**

Kelly A. Tappenden
Department of Food Science and Human Nutrition, University of Illinois at Urbana-Champaign Urbana, Illinois

Sponsored by：Otsuka Pharmaceutical Factory,Inc.

Special Lecture 3 14：20～15：00

Chairperson：Kazuhiko Fukatsu（Surgical Center, The University of Tokyo Hospital）

SL-3 **Recent Advances in the Research on Circadian Rhythm and Involvement of the Clock Genes in Human Biology and Disease**

Masaaki Ikeda
Department of Physiology, Faculty of Medicine, Saitama Medical University

Symposium 15：10～16：10

Surgical Metabolism of Elderly Patients

Chairpersons：Fumio Nagashima（Department of Medical Oncology, Kyorin University）
Masaki Kaibori（Department of Surgery, Kansai Medical University）

Keynote Lecture

S6-1 **Geriatric Assessments in Cancer Patients**

○ Fumio Nagashima
Department of Medical Oncology, Kyorin University

S6-2 **Supportive Care for the Elderly Patients with Cancer**

○ Asao Ogawa
National Cancer Center Hospital East

S6-3 **Skeletal Mass Depletion Caused by Colonic Surgery in Elderly Patient with Colon Cancer**

○ Takeshi Yamada
Department of Gastrointestinal and Hepato-Billiary-Pancreatic Surgery,Nippon Medical School

S6-4 **The Proposal of Evaluation Using Comprehensive Geriatric Assessment for Elderly Patients with Cancer Undergoing Surgery**

○ Masaki Kaibori
Department of Surgery, Kansai Medical University

S6-5 **Radiochemotherapy for Esophageal Squamous Cell Carcinoma in Elderly Patients**

○ Mitsugu Kochi
Department of Digestive Surgery, Nihon University School of Medicine

"Society of Cytokine Research in Surgery and Critical Care" joint Symposium 16：20～17：50

Metabolism and Cytokine for Surgical Stress

Chairpersons：Ryoji Fukushima (Department of Surgery, Teikyo University)
Mitsuo Shimada (Department of Surgery, Tokushima University)

S7-1 **A New Strategy for Improving Outcome of Patients with Gut Hypoperfusion：Jejunal Content Drainage in a Murine I/R Model**

○ Taiki Miyakuni
Surgical Center, The University of Tokyo

S7-2 **What is the Role of Spleen in Gut Ischemia-Reperfusion in Mice with or without Vagotomy?**

○ Motonari Ri
Department of Gastrointestinal Surgery, Graduate School of Medicine, The University of Tokyo

S7-3 **Regulation of Proinflammatory Cytokine and Phagocytic Activity of Macrophages in Murine Sepsis**

○ Manabu Kinoshita
Department of Immunology and Microbiology, National Defense Medical College

S7-4 **Surgery Stress and Anesthetic Management — The Anesthetic Management for Minimized Stress —**

○ Hideki Taniguchi
School of Nutrition & Dietetics, Kanagawa University of Human Services

S7-5 **Role of Inflammatory Cells Following Surgical Stress**

○ Satoshi Ono
Tokyo Medical University Hachiouji Medical Center

S7-6 **Reduction of Surgical Stress : Does It Improve Patients' Prognosis?**

○ Yuichiro Doki
Gastroentrological Surgery, Osaka University

S7-7 **Cytokine and Immunolocical-Metabolic Change under Surgical Stress**

○ Seiji Haji
Department of Surgery, Osaka-Saiseikai-Nakatsu Hospital

S7-8 **The Impact of Age on a Persistent Inflammation, Immunosuppression, and Catabolism Syndrome after Sepsis**

○ Shigeaki Inoue
Tokai University Hachioji Hospital

S7-9 **Influence of Cytokine-Related Gene Polymorphisms in Critical Care — Progress in 15 Years up to the Multi-Center Study —**

○ Eizo Watanabe
Department of Emergency and Critical Care Medicine, Graduate School of Medicine, Chiba University

Closing Remarks 18 : 10～

Medical Staff joint Session 9 : 30～10 : 10

Nutrition Care in Metabolic Disorders 2

Chairpersons : Takuro Nakamura (Department of Emergency Medicine, Gunma University Graduate School of Medicine)
Takashi Nakahama (The Cancer Institute Ariake Hospital of JFCR)

M5-1 **Study of Antibiotic Lock Therapy for Catheter-Related Blood Stream Infection (CRBSI)**

○ Shunsuke Osawa
Division of Pediatric Surgery, Department of Surgery, Showa University School of Medicine

M5-2 **Our Experiences of Implanted Central Venous Catheter —Comparison Between Intestinal Failure and Cancer—**

○ Takahiro Jimbo
Department of Pediatric Surgery, Reproductive and Developmental Medicine, Faculty of Medical Sciences, Kyushu University

M5-3 **Characteristics of Intestinal Failure in Crohn's Disease**

○ Kazuhiro Watanabe
Department of Surgery, Tohoku University Hospital

M5-4 **Parenteral Nutrition-Associated Liver Disorder in Extremely-Low-Birth-Wight Infants**

○ Akio Kubota
Second Department of Surgery, Wakayama Medical University

Sponsored Session 10 : 20～11 : 10

Perioperative Immunonutrition

Chairpersons : Kazuhiko Fukatsu (Surgical Center, The University of Tokyo Hospital)
Masaki Kaibori (Department of Surgery, Kansai Medical University)

Keynote Lecture

SS-1 **Immunonutrition, Recent Topics**

○ Kazuhiko Fukatsu
Surgical Center, The University of Tokyo Hospital

SS-2 **Preoperative Immunonutrition for Major Stressful Surgery**

○ Daisuke Suzuki
Department of General Surgery, Chiba University

SS-3 **Perioperative Immunonutirion in Major Abdominal Surgery**

○ Seiji Haji
Department of Surgery, Osaka-Saiseikai-Nakatsu Hospital

Sponsored by : Nestle Japan Ltd.

Medical Staff joint Session 15 : 10～16 : 30

Perioperative Nutritional Care

Chairpersons : Hiromitsu Takeyama (Department of Gastroenterological Surgery, Nagoya City University)
Hideo Terashima (Department of Gastrornterological Surgery, University of Tsukuba Faculty of Medicine)

M6-1 **Confusion of the Term "Preoperative Fluid Loading" in the Perioperative Recovery Management Protocol**

○ Akio Hidemura
Kanto Rosai Hospital

M6-2 **Optimal Preoperative Nutritional Support to Reduce Ssis for Gastric Cancer Patients Undergoing Gastrectomy**

○ Kazuyoshi Yamamoto
Department of Surgery, Osaka National Hospital

M6-3 **Validity of Thoracic Wall Blocks in Patients Undergoing Breast Surgery : Especially on Food Intake and Pain Control**

○ Yu Koyama
Division of Digestive & General Surgery, Niigata University Graduate School of Medical & Dental Sciences

M6-4 **Predictive Factors for Nonalcoholic Fatty Liver Disease after Pancreaticoduodenectomy**

○ Takafumi Sato
Department of Gastroenterological Surgery, Nagoya City University

M6-5 **Clinicopathological Features of Hepatic Resection for HCC in Super Elderly Patients (Is It Really Feasible?)**

○ Hiroya Iida
Department of Surgery, Kansai Medical University

M6-6 **Significance of Postoperative Nutrition on Hospital Stay in Patients Undergoing Living Donor Liver Transplantation**

○ Yumiko Tamai
Department of Nutrition Control Room, Kyoto University Graduate School of Medicine

M6-7 **Impact of Pre-Operative Condition of Oral Carbohydrate for Post-Operative Delirium in Opcab — RCT —**

○ Dai Tasaki
Department of Cardiovascular Surgery, Musashino Red Cross Hospital

M6-8 **Nutritional Management for Severe Heart Failure Patients**

○ Yuka Kanda
Kanagawa Nutrition Support Nurse Group

Medical Staff joint Session 16：40～18：00

Sarcopenia

Chairpersons： Yu Koyama (Division of Digestive & General Surgery, Niigata University Graduate School of Medical & Dental Sciences)
Naoko Kumagae (Department of Nutrition, Yokohama Brain and Spine Center)

M7-1 **Association of Preoperative Grip Power with Perioperative Treatment Outcome**

○ Iku Abe
Department of Surgery, Sendai City Medical Center

M7-2 **Psoas Muscle Volume is a Major Factor Affecting QOL after Surgery**

○ Yasuko Koike
Department of Nutrition, Nagano Municipal Hospital

M7-3 **Change of the Psoas Major Muscle Cross Section after Pancreatoduodenectomy of One Year**

○ Daisuke Furukawa
Department of Surgery, Tokai University

M7-4 **Evaluation of Perioperative Amount of Physical Activity in Laparoscopic Surgery Using Actigraph**

○ Motoki Nagatsuka
Sendai City Medical Center Sendai Open Hospital

M7-5 **“Preoperative Nutritional Support and Exercise Program” for Elderly Gastric Cancer Patients Undergoing Gastsrectomy**

○ Yukiko Nagatsuma
Osaka National Hospital

M7-6 Association Between Sarcopenia and Long-Term Prognosis in Gastric Cancer Patients

○ Hitoshi Kanno
Department of Surgery, Nippon Medical School

M7-7 Two Different Algorithms to Diagnose the Sarcopenia for Elderly Gastric Cancer Patients, EWGSOP vs. AWGS Algorithm

○ Kazuyoshi Yamamoto
Department of Surgery, Osaka National Hospital

M7-8 Sarcopenia is Associated with Postoperative Infectious Complications in Major Hepato-Biliary Pancreatic Surgery

○ Arata Furukawa
Department of General Surgery, Graduate School of Medicine, Chiba University

Poster Session 16 : 00～16 : 40

Case Report

Chairpersons : Naoki Hiki (Department of Gastrointestinal Surgery, Cancer Institute Ariake Hospital of JFCR)
Hiroshi Sato (Department of Esophagogastric Surgery, Saitama International Medical Center, Saitama Medical University)

P-01 **The Effect of L-Ornithine Supplementation in Perioperative Management — Three Case of Gastrointestinal Surgery Patients —**

○ Saori Akiduki
Kyowa Hakko Bio Co., Ltd. Healthcare Products Development Center, Function Research Group

P-02 **BCAA/ Glutamic Acid/ Collagen Peptides may Contribute to Cure the Intestinal Perforation Caused by the Enteral Tube**

○ Toshihiro Komura
Department of Surgery, Sendai City Medical Center

P-03 **Possibility of Home Stay Days Chemtherapy and Prognosis by Intesinalfeeding**

○ Naoyuki Yamashita
Tsuboi Hospital

P-04 **Cases of Poor Prognosis that Performed Gastrointestinal Bypass for Unresectable Pancreatic Cancer under Good Nutrition**

○ Masaru Tsuchiya
Division of General and Gastroenterological Surgery, Department of Surgery (Omori) School of Medicine, Toho University

P-05 **Case of Recurrent Hilar Cholangiocarcinoma Improved by Carbohydrate Restriction**

○ Yoshihiro Takasaka
Yokohama Asahi Chuo General Hospital General Surgery

P-06 **Possibility for Molecular Target Therapy of Carbohydrate-Restriction**

○ Yoshihiro Takasaka
Yokohama Asahi Chuo General Hospital General Surgery

P-07 **A Case Report of Low Protein Diet under Perioperative and Chemotherapy for Rectal Cancer with Chronic Renal Dysfunction**

○ Shoko Yamao
Depertment of Nutrition, Showa University Fujigaoka Hospital

P-08 **Two Cases of the Sigmoid Colon Perforation that Performed Enteral Nutrition**

○ Takashi Ohgimi
Department of Surgery, Tokai University

Poster Session 16：40～17：15

Nutritional Assesment・Vitamin・Trace Element

Chairpersons： Teruyoshi Amagai (Department of Food Science and Nutrition, School of Human Environmental Sciences, Mukogawa Women's University)
Masanori Hoki (Department of Health and Nutrition, Faculty of Liberal Arts, Osaka Shoin Women's University)

P-09 **Ghrelin is a Predictive Factor of Renal Dysfunction in Esophagus Cancer Patients with DCF**

○ Yoshitomo Yanagimoto
Department of Gastroenterological Surgery, Osaka University Graduate School of Medicine

P-10 **Nutritional Status and Body Composition Change after Gastrectomy**

○ Miki Ueno
Teikyo University Hospital Nutrition Department

P-11 **Clinical Significance of Steatorrhea Test in Postgastrectomy Patients**

○ Ryohei Kawabata
Department of Surgery, Osaka Rosai Hospital

P-12 **Changes of Vitamin and Mineral Levels of Perioperative Patients with Gastrointestinal Surgery**

○ Ayako Masuda
Nishiarai Hospital

P-13 **A Case of Copper Dficiency during HPN with Commercialized Trace Elements**

○ Naohiro Washizawa
Toho University Omori Medical Center

P-14 **Fe**

○ Keita Terui
Department of Pediatric Surgery, Graduate School of Medicine, Chiba University

P-15 **Clinical Experience of Using Oral Sodium Phosphate in the Tertiary Emergency Center**

○ Hiroki Takahashi
Department of Traumatology and Acute Critical Medicine, Osaka University Graduate School of Medicine

Functional Bowel Disorder

Chairpersons：Yoshinori Hamada（Division of Pediatric Surgery, Kansai Medical University）
Tatsuru Kaji（Department of Pediatric Surgery, Kagoshima University）

P-16 **Marker of Malnutrition during Intestinal Rehabilitation in Pediatric Cases of Short Bowel Syndrome：The Role of IGF-1**

○ Masahiro Chiba
Division of Pediatric Surgery, Department of Surgery, Showa University School of Medicine

P-17 **Evaluation of the Present Conditions of Pediatric HPN Patients**

○ Yuko Tazuke
Department of Pediatric Surgery, Osaka University Graduate School of Medicine

P-18 **Evaluation of Intestinal Flora and SCFA in the Infant of Jejunal Stoma ― Efficacy of the Recycling Bowel Content ―**

○ Aya Tanaka
Faculty of Medicine Pediatric Surgery, Kagawa University

P-19 **A Case of Home Total Parental Nutrition Due to Extensive Bowel Resection Survived from Non-Occlusive Mesenteric Ischemia**

○ Noriyuki Hattori
Department of Emergency and Critical Care Medicine, Graduate School of Medicine, Chiba University

P-20 **Significance of Partial Portal Arterialization in Small Bowel Transplantation**

○ Naoki Hashimoto
Kinki University, School of Medicine

P-21 **The Use Situation of Racol® NF Semi Solid in Our Hospital**

○ Shinsuke Ando
Pediatric Surgery, Department of Surgery, Showa University School of Medicine, Showa University Northern Yokohama Hospital

Luncheon Seminar 3 12：10～13：00

Chairperson：Kazuhiro Yoshida（Department of Surgical Oncology, Gifu University Graduate School of Medicine）

LS-3 **Strategy for Acceleration of Recovery from Post-Surgery — Focus on ERAS and ONS —**

Masaki Kaibori
Department of Surgery, Kansai Medical University

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