Opening Ceremony 8:55〜9:00

Session 1  9:00〜10:00

ERAS

Chairperson : Hideki Taniguchi  (Perioperative Support Center, Saiseikai Yokohamashi Tobu Hospital)
Commentator : Naohiro Washizawa  (Clinical Support Service Section, Toho University Faculty of Medicine)

O1-1  Short-term and long-term effects of perioperative pedometer
    ○Ryota Matsui
    Department of Gastroenterological Surgery, Ishikawa Prefectural Central Hospital

O1-2  Multimodal antiemetic management prevents early postoperative vomiting after colorectal surgery on ERAS protocol.
    ○Tatsushi Shingai
    Dept. of Surgery, Osaka Saiseikai Senri Hospital

O1-3  A Feasibility study of an Out-patient Rehabilitation Intervention for the Patients with Esophageal Cancer Surgery
    ○Hiroshi Sato
    Division of Gastroenterological Surgery, International Medical Center, Saitama Medical University, Hidaka, Japan

O1-4  Effect and required amount of preoperative administration of steroid for abdominal aorta open surgery
    ○Wataru Tatsuishi
    Department of Cardiovascular Surgery, Tokyo Women’s Medical University Medical Center East, Tokyo, Japan

O1-5  Study of ERAS protocol for patients with colon cancer in elderly.
    ○Takeshi Yokoyama
    Kobari General Hospital Surgery

O1-6  Evaluation of shortening postoperative hospital stay after anterior resection according to DPC
    ○Hidejiro Kawahara
    Kashiwa Hospital, Jikei University
Special Lecture  10:00〜11:00

Chairperson：Katsuyoshi Hatakeyama (Niigata University)

SL1  Novel Health Functionalities of Rice
  ○Motoni Kadowaki
    1) Fellow, Institute of Natural Science, Niigata University;
    2) Vice President, Niigata Institute of Technology

Symposium  11:00〜12:30

How to do nutritional management for cancer bearing patients?

Chairperson：Yoshihiro Nabeya (Division of Esophago-gastrointestinal Surgery, Chiba Cancer Center)
Commentator：Yasuyuki Seto (Department of Gastrointestinal Surgery, The University of Tokyo Hospital)

S-1  Importance of shift change in nutrition management in cancer patients
  ○Naoki Hiki
    Cancer Institute Hospital

S-2  Nutritional support for the cancer patients corresponding to the progress of cachexia
  ○Naoharu Mori
    Aichi Medical University Hospital, Palliative Care Center

S-3  Change of body composition and new onset of sarcopenia after gastrectomy
  ○Odagiri Kazuki
    Osaka University, Graduate School of Medicine, Department of Gastroenterological Surgery.

S-4  Role of preoperative nutritional therapy for gastrectomy
  ○Satoshi Ida
    Dept of Gastroenterological Surgery, Cancer Institute Hospital of JFCR

S-5  Difference of early post-gastrectomy syndrome in patients with gastric cancer according to gender
  ○Tomohiro Osaki
    Department of Surgery Division of Surgical Oncology, Tottori University

S-6  Risk Factors Associated with Postoperative Weight Loss after Pancreatoduodenectomy
  ○Kumi Takagi
    The Cancer Institute Hospital of JFCR  Department of Nutrition Management

S-7  Prognostic value of postoperative body weight loss at one month in patients with locally advanced gastric cancer patient
  ○Toru Aoyama
    Yokohama City University Department of Surgery
Luncheon Seminar 1 12:40〜13:30
Chairperson：Kouji Masumoto (Department of Pediatric Surgery, University of Tsukuba)

LS1  Trace minerals: past, present and future
○Masafumi Wasa
Department of Pediatric Surgery, Osaka University Medical School
Sponsored by: Otsuka Pharmaceutical Factory, Inc.

General meeting of JSSMN 13:40〜14:00

Educational Lecture1 14:00〜15:00
Chairperson：Toshifumi Wakai (Division of Digestive and General Surgery, Niigata University)

EL1  Autophagy : functions in health and disease
○Masaaki Komatsu
Department of Biochemistry, Niigata University Graduate School of Medical and Dental Sciences

Workshop 15:00〜16:20

Best nutrition support for the patients under stress/perioperative state
Chairperson：Joji Kotani (Hyogo College of Medicine Department of Emergency, Disaster and Critical Care Medicine)
Commentator : Shigeto Oda (Department of Emergency and Critical Care Medicine, Chiba University Graduate School of Medicine)

WS-1  Early Parenteral Nutrition versus Early Enteral Nutrition in Critically Ill Patients: What should We Learn?
○Hideo Terashima
Department of Surgery, Graduate School of Comprehensive Human Sciences, University of Tsukuba

WS-2  Importance of the nutritional therapy centered on early enteral nutrition for critically ill patients
○Hiroomi Tatsumi
Department of Intensive Care Medicine, Sapporo Medical University, School of Medicine

WS-3  Perioperative nutritional management-the effect of whey protein on surgical outcome or gut immunity-
○Tomoyuki Moriya
National Defense Medical College
WS-4 Benefits of preoperative nutrition therapy for pancreas cancer patients
○Emi Akizuki
Department of Surgery, Surgical Oncology, Sapporo Medical University

WS-5 Nutritional management for major hepato-biliary-pancreatic surgery
○Katsunori Furukawa
Chiba University, Dept. of General Surgery

WS-6 Nutritional management of 4 patients with abdominal sepsis accompanying acute renal failure needing preoperatively CHDF
○Yuichi Sanada
Department of Surgery Fukuoka Kinan Hospital

JSSMN・KSSMN joint symposium  16:20〜17:20

Chairperson : Nobuya Ishibashi (Yame General Hospital)
Jae-Moon Bae (Center for Gastric Cancer, Samsung Medical Center, Sungkyunkwan University School of Medicine)

KS-1 Perioperative Management for Early Recovery after Esophageal Cancer Surgery
○Yoshihiro Nabeya
Division of Esophago-gastrointestinal Surgery, Chiba Cancer Center

KS-2 Intravenous Ferric Carboxymaltose for Acute Isovolemic Anemia Following Gastrectomy (Fairy): A Randomized Controlled Trial
○Jae-Moon Bae
Center for Gastric Cancer, Samsung Medical Center, Sungkyunkwan University School of Medicine

KS-3 What is the Optimal Nutritional Index during the Early Perioperative Period after Radical Surgery in Patients with Hepatobiliary Malignant Diseases?
○Kyung-Sik Kim
Department of Hepatobiliary Pancreatic Surgery, Severance Hospital, Yonsei University College of Medicine,

KS-4 Randomized Controlled Trial Evaluating Postoperative Oral Nutritional Supplementation after Major Gastrointestinal Surgery
○Hyuk-Joon Lee
Department of Surgery, Seoul National University Hospital
Essense Mini Symposium  17:20〜18:15

Chairperson  :  Go Miyata  (Department of Gastrointestinal Surgery, Iwate Prefectural Central Hospital)
Commentator  :  Kazuhiro Fukatsu  (Surgical Center, The University of Tokyo Hospital)

EMS-1  Keynote Lecture
The perioperative management in Japan from past to present
○ Masaki Kaibori
  Dept. Surgery, Kansai Medical University

Symposiast
○ Hideki Taniguchi
  Perioperative Support Center, Saiseikai Yokohamashi Tobu Hospital

○ Nobuya Ishibashi
  Yame General Hospital

○ Yasuhiro Matsugu
  Hiroshima Prefectural Hospital

○ Yoshihiro Nabeya
  Division of Esophago-gastrointestinal Surgery, Chiba Cancer Center
Collaborate session with Society for Researches on Body Fluid and Metabolism & The Japan Society of Transfusion Medicine and Cell Therapy  
**Chairperson**: Ryoji Fukushima (Department of Surgery, Teikyo University School of Medicine)

**BS-1**  
*Are albumin products appropriately being used in surgical patients?*  
○ Kazuhiko Fukatsu  
Surgical Center, The University of Tokyo Hospital

**BS-2**  
*Promotion of Appropriate Usage of Albumin  
— Efforts by the Division of Transfusion Medicine*  
○ Takehiro Kohno  
Division of Transfusion Medicine, Osaka Medical College

**BS-3**  
*Third generation HES as a perioperative colloid infusion*  
○ Hideki Miyao  
Department of Anesthesiology, Saitama Medical Center, Saitama Medical University

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**Luncheon Seminar 2**  
**Chairperson**: Naohiro Washizawa (Clinical Support Service Section, Toho University, Faculty of Medicine)

**LS2**  
*Importance of Water Soluble Vitamins on Perioperative Parenteral Nutrition*  
○ Nobuya Ishibashi  
Yame General Hospital

Sponsored by: Yoshindo Inc.

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**Session 2**  
**Chairperson**: Naoki Hiki (Cancer Institute Hospital)  
**Commentator**: Kazuhiro Hanazaki (Department of Surgery, Kochi Medical School, Kochi University)

**O2-1**  
*The Influence of Obesity in Laparoscopic Surgery for Gastric Cancer according to BMI, SFA and VFA*  
○ Masahiro Kohmoto  
Department of Gastroenterological and General Surgery, School of Medicine Showa University

**O2-2**  
*The preoperative diet for the obesity patients in laparoscopic gastrectomy*  
○ Hideya Kashihara  
Department of Surgery, Tokushima University
O2-3  Preoperative and perioperative factors related to excess weight loss after laparoscopic sleeve gastrectomy
○ Tadayoshi Hashimoto
  Department of Gastroenterological Surgery Osaka University Graduate School of Medicine

O2-4  Preoperative prediction of type 2 diabetes remission following laparoscopic sleeve gastrectomy
○ Atsushi Gakuhara
  Osaka University, Department of Gastroenterological Surgery

O2-5  Nutrition assessment and dietary counselling utilizing Bioelectrical Impedance analyzers in breast cancer patients
○ Keiko Itou
  Department of Clinical Nutrition Hiroshima Prefectural Hospital

O2-6  Ad libitum feeding of a low carbohydrate-high fat diet reduces plasma TNF-alpha levels after gut I/R in mice
○ Tomoki Watanabe
  National Defense Medical College Department of Surgery

Session 3  16:00 ~ 17:00

Pediatrics

Chairperson : Tatsuru Kaji (Department of Pediatric Surgery, Kagoshima University)
Commentator : Hiroomi Okuyama (Department of Pediatric Surgery, Osaka University Graduate School of Medicine)

O3-1  Nutritional status in adult patients with esophageal atresia
○ Hiroomi Okuyama
  Department of Pediatric Surgery Osaka University Graduate School of Medicine

O3-2  Outcome of Hirschsprung’s disease allied disorder patients with Long term TPN
○ Hideki Soh
  Osaka Medical Center for Women and Children

O3-3  To provide the hospital Selenium preparation to HPN Patients
○ Yuko Tazuke
  Pediatric Surgery, Osaka University Graduate School of Medicine.

O3-4  Effectiveness of Ghrelin for Short Bowel Syndrome: An experimental study
○ Shun Onishi
  Kagoshima University, Pediatric Surgery
O3-5 Nutrition support via multidisciplinary team in children’s hospital and comparison with general hospitals
○ Takeshi Yamanouchi
  Ehime Prefectural Central Hospital

O3-6 Experience of usage of Hainegel in children patients
○ Kouji Masumoto
  Department of Pediatric Surgery, Faculty of Medicine, University of Tsukuba

International Session of Travel Grant 17:00~17:30

Chairperson: Yoichi Sakurai (Wayo Women’s Univ. Graduate School Dept. of Surgery, Chibaken Saiseikai Narashino Hospital)

TG-1 Application of Perioperative Oral Nutritional Supplementation (ONS) in Enhanced Recovery After Gastrointestinal Surgery (ERAS)
○ Chang-zhen Zhu
  Peking Union Medical College Hospital

TG-2 The Application of Onodera Prognostic Nutritional Index and Neutrophil-Lymphocyte-Ratio in Risk Evaluation of Postoperative Complication and Predicting the Prognosis of Gastric Cancer Patients Accepted Gastrectomy
○ Liu Dong
  Peking Union Medical College Hospital
Evidence of amino acid administration under stress

Chairperson: Yuichiro Doki (Department of Surgery, Gastroenterological Surgery, Graduate School of Medicine Osaka University)
Commentator: Akira Toki (Division of Pediatric Surgery, Department of Surgery, Showa University School of Medicine)

RL1-1  Relation between intraoperative hypothermia and administration of amino acid
Daisuke Furukawa
Tokai University School of Medicine, Department of Surgery

RL1-2  The study about liver regenerative factors after hepatectomy using metabolome analysis.
Yu Saito
Department of Surgery, Tokushima University

RL1-3  L-glutamine does not influence the survival outcome in patients with head and neck cancer receiving chemoradiotherapy
Takae Tsujimoto
Department of Clinical Pharmacy, Faculty of Pharmaceutical Sciences, Kobe Gakuin University

RL1-4  Effects of L-carnitine plus branched-chain amino acid on substrate metabolism before and after exercise
Yumi Hasegawa
Wayo Women’s University Graduate School

RL1-5  Effectiveness of nutritional intervention during Negative Pressure Wound Therapy for postoperative wound disruption.
Kei Yamamoto
National Hospital Organization Osaka National Hospital

RL1-6  Nutritional utility of simple blood lysine measurement in pediatric surgical patients
Shunsuke Fujii
Department of Pediatric Surgery, University of Tsukuba

RL1-7  Analysis of Protein Intake and Mobility Change of Patients in Sub-acute Rehabilitation Ward, Tanashi Hospital
Mai Takase
Tanashi Hospital Education and Research Division
Educational Lecture 2 10:00~11:00
Chairperson: Yu Koyama (Department of Nursing, Niigata University Graduate School of Health Sciences, School of Health Sciences Faculty of Medicine)

EL2 Basics of gastrointestinal motility for studying nutrition
○ Erito Mochiki
  Department of Digestive and General Surgery, Saitama Medical Center, Saitama Medical University

Amino Acid Sciences Joint Symposium 11:00~12:00
Chairperson: Masafumi Wasa
  (Department of Pediatric Surgery, Osaka University Medical School)

AS-1 How does Glutamine work in clinical conditions?
○ Yuko Tazuke
  Pediatric Surgery, Osaka University Graduate School of Medicine.

AS-2 Comprehensive proteomics reveal overall pictures of amino acids transport systems and the related signaling pathways.
○ Shushi Nagamori

AS-3 Development of analytical method for amino acids profile in cancer tissue using human pancreas pathological sections
○ Chisato Okamoto
  Ajinomoto Co., Inc. Institute for Innovation Fundamental Technology Labs. Advanced Analytical Sciences Group

Luncheon Seminar 3 12:10~13:00
Chairperson: Hideo Terashima (Department of Surgery, Graduate School of Comprehensive Human Sciences, University of Tsukuba)

LS3 Significance of perioperative sarcopenia and nutritional therapy
~What if a surgeon of a university hospital reads business books?~
○ Toshimi Kaido
  Division of Hepato-Biliary-Pancreatic and Transplant Surgery, Department of Surgery, Graduate School of Medicine, Kyoto University
  Sponsored by: Abbott Japan Co., Ltd.

Cytokine Research in Surgery and Critical Care Joint Symposium 13:10~14:10
Chairperson: Manabu Kinoshita (Department of Immunology and Microbiology, National Defence Medical College Japan)
Commentator: Satoshi Ono (Division of Critical Care Medicine, Tokyo Medical University Hachioji Medical Center)
CS-1 Lymphocyte-to-monocyte ratio predicts postoperative infectious complications after laparoscopic colorectal surgery
○ Akihisa Matsuda
  Department of Surgery, Nippon Medical School Chiba Hokusoh Hospital

CS-2 The Significance of Neutrophil Lymphocyte Rate for Patients with DIC
○ Ataushi Shirahata
  Yokohama Asahi Chuo General Hospital

CS-3 The relationships between oxygen consumption and outcome of critical patients with assessment of indirect calorimetry
○ Masahiro Ojima
  Department of Traumatology and Acute Critical Medicine, Osaka University Graduate School of Medicine

CS-4 Roles and metabolic regulation of sphingosine kinase in pancreatic cancer cells
○ Masato Nakajima
  Niigata University Graduate School of Medical and Dental Sciences Division of Digestive and General Surgery

Topic 2 14:10~15:00

Lipid melusition-how to use?

Chairperson: Kouji Masumoto (Department of Pediatric Surgery, University of Tsukuba)
Commentator: Hiromitsu Takeyama (Northern Mie Medical Center)

RL2-1 Safety of lipid emulsion administration for critically ill patients
○ Hiroomi Tatsumi
  Department of Intensive Care Medicine, Sapporo Medical University, School of Medicine

RL2-2 Experiences of parenteral nutrition supports with omega-6/omega-3 balanced lipid emulsion, SMOFlipid 20%
○ Mitsuru Muto
  Department of Neonatology, Perinatal Medical Centre, Kagoshima City Hospital

RL2-3 Safety management for popularity of lipid emulsion
○ Shohei Iijima
  Osaka International Cancer Institute

RL2-4 Visualizing fatty acid composition of serum lipid fraction
○ Genshiro Esumi
  Department of Pediatricsurgery, Faculty of medical sciences, Kyushu University.
Reduction effect of the inflammatory reaction by the carnitine
O Kazuki Moro
Division of Digestive and General Surgery, Niigata University Graduate School of Medical and Dental Sciences

Session 4  15:00 ~ 16:00

Oral/enteral nutrition

Chairperson: Shohei Iijima (Osaka International Cancer Institute)
Commentator: Riichiro Nezu (Department of Surgery, Nishinomiya Municipal Central Hospital)

O4-1 Measuring the shear rate in the digestive tract by stomach fluoroscopy using two types of X-ray contrast agent
O Shohei Iijima
Osaka International Cancer Institute

O4-2 A study of the phase angle from the viewpoint of fatty acid composition in enteral nutrient.
O Motomu Yoshida
Department of Pediatric Surgery, Kurume University School of Medicine

O4-3 The effect of oral rehabilitation in the peri-operative period.
O Akari Kaga
Department of Otorhinolaringology, Oral Surgery, Kyorin University School of Medicine, Tokyo, Japan

O4-4 The relationship between the assessment of oral function in the peri-operative period and postoperative complications
O Tetsuya Ikeda
Department of Otorhinolaringology, Oral Surgery, Kyorin University School of Medicine, Tokyo, Japan

O4-5 Influence of short-term fasting and carbohydrate administration on the gut immunity and mucosal morphology
O Kazuya Higashizono
Department of Gastrointestinal Surgery, Graduate School of Medicine, The University of Tokyo

O4-6 Fecal imaging demonstrates that GI transit of mice given EN with LM pectin does not differ from that given regular chow.
O Tomohiro Kagawa
Otsuka Pharmaceutical Factory, Inc.
Medical Staff Study  16:00~17:00

Modulator MSS-1 : Masahiro Chiba
   (Nutrition Support team, Showa University School of Medicine)
MSS-2 : Takeshi Yamanouchi (Ehime Prefectural Central Hospital)

MSS-1  A case of traumatic perforation of rectum with vagina and bladder damage in elderly patients with dementia
   ◯Nobuko Yamada
   Kitano Hospital nourishment department

MSS-2  Two malnutrition cases of elderly patient with a risk of refeeding syndrome
   ◯Hideaki Shimoji
   Division of Digestive and General Surgery, Graduate School of Medicine, University of the Ryukyus

Closing Session  17:00
Session 5  9:00〜10:00

Digestive organ

Chairperson : Hidetoshi Shiga (Emergency and Intensive Care Center, Teikyo University Chiba Medical Center)
Commentator : Hiroyuki Kato (First Department of Surgery, Dokkyo Medical University)

O5-1  Influence of ghrelin expression at the stomach on the postoperative body weight reduction and rebound
○ Yasuhiro Miyazaki
  Department of Gastroenterological Surgery, Osaka University

O5-2  Comparison of nutrition status between subtotal gastrectomy and proximal gastrectomy for upper gastric cancer
○ Yosuke Kano
  Department of Gastroenterological Surgery, Gastroenterological Center, Cancer Institute Hospital, Japanese Foundation for Cancer Research

O5-3  Laxative effect of magnesium oxide is maintained during gastric acid secretion inhibition in mice
○ Eiji Tominaga
  Surgical Center, The University of Tokyo Hospital

O5-4  Effect of preoperative skeletal muscle mass on survival rate after dissection for gastric cancer.
○ Takayuki Nobuoka
  Department of Surgery, Surgical Oncology and Science, Sapporo Medical University

O5-5  The association between postoperative nutritional status after gastrectomy and live-alone
○ Hiromi Mochizuki
  The Cancer Institute Hospital of JFCR Department of Nutrition Management

O5-6  Bioelectrical impedance analysis after gastrectomy for gastric cancer patients
○ Yoshihisa Yaguchi
  Department of Surgery, Teikyo University School of Medicine
Session 6  11:00〜12:00

Perioperative management

Chairperson:  Seiji Haji (Department of Surgery, Takatsuki General Hospital)
Commentator: Takashi Tsuchiya (Director, Sendai City Medical Center Sendai Open Hospital)

O6-1  Sarcopenia is a poor prognostic factor following laparoscopic hepatectomy in patients with hepatocellular carcinoma.
  ○ Yoshiteru Katsura
    Department of Surgery, Kansai Rosai Hospital

O6-2  Effect of smoking cessation on body weight in patient with hepatobiliarypancreatic diseases
  ○ Taiichi Wakiya
    Department of Gastroenterological Surgery, Hirosaki University Graduate School of Medicine

O6-3  Nutritional management of obstructive colorectal cancer using self-expandable metallic stent
  ○ Masaomi Mizutani
    Okitama Public General Hospital

O6-4  Perioperative management for patients with advanced digestive surgery using CGA
  ○ Ryo Okamoto
    Kyoto Miniren Central Hospital

O6-5  Significance and problem of nutritional therapy in surgery of the patients with Crohn’s disease
  ○ Kenichi Takahashi
    Coloproctology Center, Tohoku Rosai Hospital

O6-6  Influences of feeding high fat diets on promoting metastasis and inflammation in mice with carcinomatous peritonitis
  ○ Ayako Watkins
    The University of Tokyo Graduate School of Medicine
Luncheon seminar 4 12:10〜13:00

Chairperson: Nobuaki Sato (Niigata Prefectural Cancer Center Niigata Hospital)

LS4  Care and treatment planning for dysphagia
○ Makoto Inoue
  Division of Dysphagia Rehabilitation, Niigata University Graduate School of Medical and Dental Sciences

sponsored by: Takasho Co., Ltd.
Healthy Network.

Medical Staff Session 13:10〜14:00

Chairperson: Takuro Nakamura (Surgery, Fujioka General Hospital)
Commentator: Yoshiaki Tanaka (Division of Medical Safety Management Kurume University Hospital)

MS-1  Analysis of the weight loss to be prolonged one year after surgery for Esophageal Cancer
○ Mio Matsuoka
  Osaka Prefectural Hospital Organization Osaka International Cancer Institute
  Department of Nutrition

MS-2  The examination of predictive factors for postoperative complications in patients with hepatobiliary pancreatic cancer
○ Shin Matsuoka
  Rehabilitation Center Kitano Hospital The Tazuke Kofukai Medical Research Institute

MS-3  Investigated compliance with nutrition supplement Abound®
○ Chihiro Uchikata
  Kanazawa University Hospital Department of Nutrition Management

MS-4  Promotion of nutritional therapy by multi-occupational collaboration due to alteration of nutrition management system
○ Tomoko Arakawa
  Sapporo Medical University Hospital Nutrition Administration Center

MS-5  The role of registered dietitian belong to Perioperative Support Center in the perioperative team medicine
○ Keiko Ushigome
  Saiseikai Yokohamashi Tobu Hospital
Lipid melustion-how to use? Part1

Chairperson: Akihiro Ito (Department of Surgery & Palliative Medicine, Fujita Health University School of Medicine)
Commentator: Wataru Kimura (Professor & Chairman & Vice Dean, Department of Gastroenterological, General, Breast & Thyroid Surgery, Yamagata University Faculty of Medicine)

RL3-1-1 Simple setting of nutritional support plan and light-footed NST
○ Kazuyoshi Yamamoto
  Department of Surgery, NTT West Osaka Hospital

RL3-1-2 Involvement of NST/registered dietitian in case of perioperative management of esophageal cancer surgery
○ Takashi Ogata
  Division of Gastrointestinal Surgery, Kanagawa Cancer Center

RL3-1-3 Development of tablet-type device application “easyNST” for calculating parenteral and enteral nutritional requirement.
○ Mika Kurihara
  Shiga University of Medical Science Hospital

RL3-1-4 Investigation of the outcome for NST to cancer and surgery patient in Osaka National Hospital
○ Ayako Otsuchi
  National Hospital Organization Osaka National Hospital

RL3-1-5 Activity of NST and education at University of the Ryukyus university hospital
○ Hiroki Kobashigawa
  University of the Ryukyus Medical School Hospital NST

RL3-1-6 Our effort aimed at an enlightenment education of nutritional management through NST activity.
○ Yoichiro Uchida
  Dept of Gastroenterological Surgery and Oncology, Tazuke Kofukai Medical Research Institute, Kitano Hospital
Lipid melustion-how to use? Part2

Chairperson : Kenji Omura (Division of Surgery, Ageo Central General Hospital)
Commentator : Masaichi Ohira (Department of Surgical Oncology, Osaka City University Graduate School of Medicine)

RL3-2-1 The role of a dietician in a LEGO type Nutrition Support Team
  ○ Daizo Saito
  Nutritional Support Center CHIKAMORI Hospital

RL3-2-2 NST activity at University of the Ryukyus Hospital
  ○ Ritsu Hashida
  University of the Ryukyus Hospital NST

RL3-2-3 Role of NST and ideas to manage it at a district university hospital
  ○ Kanji Katayama
  Cancer care promotion center, University of Fukui Hospital

RL3-2-4 Impact of the Preoperative Controlling Nutritional Status (CONUT) Score on the Survival in Palliative Surgery
  ○ Yasuo Hirono
  First department of Surgery, School of Medicine, University of Fukui

RL3-2-5 Changes in recognition of nutritional therapy judged from NST intervention in gastroenterological surgery
  ○ Hiroomi Tatsumi
  Department of Intensive Care Medicine, Sapporo Medical University, School of Medicine
Difficult cases

Chairperson: Kimio Asagiri (Dept of Pediatric Surgery, Kurume University)

P1-1  Two cases of Peptamen standard for enteral nutrition in patients who has an artificial anus with diarrhea.
   ○Tsutomu Iwata
   Tokai Memorial Hospital

P1-2  A case of diarrhea improve with pectin-containing liquid diet and orange juice
   ○Shoko Yamao
   Showa University Fujigaoka Hospital Department of Nutrition

P1-3  A case of continuation of the nutrition guidance for patients wearing ventricular assist device
   ○Shoko Kamekawa
   Division of Nutrition Tottori University Hospital

P1-4  A case of utilizing the semi-solid ED in a patient with drug and food allergy after total pharyngo-laryngo-esophagectomy
   ○Chinastu Yoshimura
   Administration Food Sciences and Nutrition Major, Graduate School of Human Environmental Sciences, Mukogawa Women's University

P1-5  Evaluation of the cause of immingle Postoperative Body weight loss after surgery
   ○Maiko Hayasaki
   Teikyo University Hospital

Pre- & postoperative management

Chairperson: Hiroshi Sato (Division of Esophagogastric Surgery, Saitama Medical University International Medical Center)

P2-1  Sarcopina analysis of esophagus patients after surgery
   ○Junji Kawada
   Kaizuka City Hospital

P2-2  Our approach of nourishment management for patients with operative gastric cancer
   ○Kei Takanashi
   Division of Nutrition Tottori University Hospital
P2-3  NST intervention case to a subalimentation patient after the lumber vertebra compression fracture operation
○ Yoko Yarita
  Chiba Medical Center NST

P2-4  A case report of refractory chylous ascites following pancreaticoduodenectomy
○ Takahiro Kamiga
  Shirakawa Kosei General Hospital

P2-5  Study of the risk factors affecting postoperative nausea and vomiting
○ Akiko Ooshima
  Toho University Omori Medical Center

P2-6  Perioperative oral functional management at Kanagawa Cancer Center
○ Sachiyo Mitsunaga
  Department of Oral and Maxillofacial Surgery, Kanagawa Cancer Center