



KOREAN SOCIETY OF
SURGICAL ONCOLOGY

SISSO 2018

Seoul International Symposium of Surgical Oncology 2018

Innovation, Cooperation, and Development of Surgical Cure

23(Fri.) - 24(Sat.) February, 2018

Vista Hall, Grand Walkerhill Seoul, Korea

Dear Colleagues,

The Organizing Committee of SISSO 2018 would like to welcome and look forward to greeting you in Seoul, 2018

Wishing you a happy new year, your career great success and your family happiness!

Sincerely,

Dong-Young Noh, M.D., Ph.D.

President,

Organizing Committee of SISSO 2018

Han-Kwang Yang, M.D., Ph.D.

Chairman,

Organizing Committee of SISSO 2018



February 23 (Friday)			February 24 (Saturday)		
Time	Vista 1	Vista 3	Time	Vista 1	Vista 3
08:00	Registration		08:00-09:00	Oral Presentation 3	Oral Presentation 4
08:50-09:50	Oral Presentation 1	Oral Presentation 2	09:00-10:40	Symposium 4 <i>Controversy and Current Practice of Early Cancer</i>	Symposium 5 <i>Management of Rare Tumors</i>
09:50-10:00	Opening Ceremony	Medical Student Camp		10:40-11:00	Coffee Break
10:00-11:10	Symposium 1 <i>New Technologies in Surgical Oncology</i>		11:00-12:10	Symposium 6 <i>Update in Minimal Invasive Surgery</i>	Symposium 7 <i>Precision Medicine</i>
11:10-11:30	Coffee Break		12:10-12:40	General Assembly of KSSO	
11:30-12:50	Symposium 2 <i>How We Enrich the Future of Surgical Oncologist</i>		12:40-13:30	Luncheon Symposium 2	
12:50-13:50	Luncheon Symposium 1		13:30-14:00	State-of-the-Art Lecture 2	
13:50-14:20	State-of-the-Art Lecture 1		14:00-15:20	Symposium 8 <i>Lessons from Expert of Minimally Invasive Surgery</i>	
14:20-15:30	Symposium 3 <i>New Era of Multimodal Treatment</i>		15:20-15:40	Coffee Break	
15:30-15:50	Coffee Break		15:40-17:10	Symposium 9 <i>Lymph Node Dissection</i>	Best Video Session
15:50-17:50	Great Debates Session				
18:00			Welcome Reception	17:10	Awards & Closing Ceremony

- Program details

Day 1, February 23(Fri)		
08:50-09:50	Oral Presentation 1	
	Chairs:	In Seob Lee (University of Ulsan) Hyeong-Gon Moon (Seoul National University)
08:50-09:00	PKMYT1, Myt1 Kinase, is Associated with the Progression of Colorectal Cancer	Donghyun Kang (Soonchunhyang University)
09:00-09:10	Estrogen Receptor “Positive” is Not Enough to Predict the Prognosis of Breast Cancer	Jai Min Ryu (Sungkyunkwan University)
09:10-09:20	Efficacy of Assessing the Viability of Laparoscopically Harvested Omental Flap with Intraoperative Near-Infrared Camera in Partial Breast Reconstruction	Shin-Hoo Park (Seoul National University)
09:20-09:30	Investigation of Gastric Cancer Recurrence Nomogram Model Using Molecular Biomarkers	Sang-Ho Jeong (Gyeongsang National University)
09:30-09:40	Risk Factors for Adverse Events in Neoadjuvant Chemotherapy for Gastric Cancer	Tadayoshi Hashimoto (Osaka University, Japan)
09:40-09:50	Treatment Strategies and Disease Characteristics of Tumors Close to the EJ-Junction in a Korean and a German High-Volume Center	Felix Berlth (Seoul National University)
08:50-09:50	Oral Presentation 2	
	Chairs: In Ja Park (University of Ulsan) Jun-Young Yang (Gachon University)	
08:50-09:00	The Validity of Pelvic Cross-Sectional Area as a Predicting Parameter for Surgical Outcome after Low Anterior Resection for Rectal Cancer	Gyoung Tae Noh (Ewha Womans University)
09:00-09:10	EGFR Overexpression of Cancer Cell Controlling Invasiveness through Maturity of Cancer-Associated Fibroblast in the Colorectal Cancer	Gyung Mo Son (Pusan National University)

09:10-09:20	Oncologic Outcome of Patients with Adjuvant Chemotherapy for Less than 3 Months Versus More than 3 Months	Ri Na Yoo (The Catholic University of Korea)
09:20-09:30	Clinical Significance of Primary Tumor Resection in Metastatic Colorectal Cancer	Seung-Rim Han (The Catholic University of Korea)
09:30-09:40	Should We Perform D2 Lymphadenectomy during Curative Surgery for Non-Cardia Gastric Cancer?	Chang Min Lee (Korea University)
09:40-09:50	Real-Time Detection System for Tumor Localization during Minimally Invasive Surgery for Gastric and Colon Cancer Removal: In vivo Feasibility Study in a Swine Model	Jae Seok Min (Dongnam Institute of Radiological and Medical Sciences)
09:50-10:00	<i>Opening Ceremony</i>	
10:00-11:10	<p>Symposium 1: New Technologies in Surgical Oncology</p> <p>Chairs: Nam-Sun Paik (Ewha Womans University) Dong Sup Yoon (Yonsei University) In Ja Park (University of Ulsan)</p>	
10:00-10:15	Robotic Mastectomy	Hyung Seok Park (Yonsei University)
10:15-10:30	Development and Application of Customized 3D Printing Breast Surgical Guide for Precise Breast Conserving Surgery in Breast Cancer Patients	Beom Seok Ko (University of Ulsan)
10:30-10:45	Localization in Hollow Viscus with New Fluorescence Clip	Dae Kyung Sohn (National Cancer Center)
10:45-11:00	Extended Reality (XR) Guided Surgical Oncology Using VR, AR, and MR	Maki Sugimoto (International University of Health Welfare Graduate School, Japan)
11:00-11:10	Discussion	
11:10-11:30	<i>Coffee Break</i>	

<p>11:30-12:30</p>	<p>Symposium 2: How We Enrich the Future of Surgical Oncologist</p> <p>Chairs: Sung Hoon Noh (Yonsei University) Jun Won Um (Korea University)</p>	
<p>11:30-11:50</p>	<p>How We Enrich the Future of the Surgical Oncologist - SSO Perspective</p>	<p>David L. Bartlett (Vice-President of SSO, University of Pittsburgh, USA)</p>
<p>11:50-12:10</p>	<p>The Future of Surgical Oncologist - ESSO Perspective</p>	<p>Tibor Kovacs (President-Elect of ESSO, Guy's and St Thomas' NHS Foundation Trust, UK)</p>
<p>12:10-12:30</p>	<p>How Do We Enrich the Future of Surgical Oncologists in the Era of Multimodal Cancer Treatment?</p>	<p>Hiroya Takeuchi (International Affairs Committee of JSCO, Hamamatsu University, Japan)</p>
<p>12:30-12:50</p>	<p>How We Enrich the Future of the Surgical Oncologist - KSSO</p>	<p>Han-Kwang Yang (Chairman of KSSO, Seoul National University)</p>
<p>12:50-13:50</p>	<p>Luncheon Symposium 1 (Sponsored by Johnson & Johnsons)</p> <p>Chair: Han-Kwang Yang (Seoul National University)</p>	
	<p>New Methods of Implant Based Reconstruction after Mastectomy</p>	<p>Tibor Kovacs (Guy's and St Thomas' NHS Foundation Trust, UK)</p>
<p>13:50-14:20</p>	<p>State-of-the-Art Lecture 1</p> <p>Chair: Jeong-Heum Baek (Gachon University)</p>	

	Maximizing the Value of Post Treatment Surveillance for Colorectal Survivors	George Chang (MD Anderson Cancer Center, USA)
14:20-15:30	Symposium 3: New era of Multimodal Treatment Chairs: Nam Kyu Kim (Yonsei University) Hyeon Kook Lee (Ewha Womans University) Do Joong Park (Seoul National University)	
14:20-14:40	Surgical Intervention for Liver Metastasis from Gastric Cancer	Yukinori Kurokawa (Osaka University, Japan)
14:40-15:00	Recent Advances in the Systemic Treatment of HCC	Changhoon Yoo (University of Ulsan)
15:00-15:20	Defining the Modern Approach to Lateral Pelvic Lymph Node Metastasis	George Chang (MD Anderson Cancer Center, USA)
15:20-15:30	Discussion	Jae Seok Min (Dongnam Institute of Radiological and Medical Sciences) Sang Ho Bae (Soonchunhyang University) Jun-Seok Park (Kyungpook National University)
15:30-15:50	<i>Coffee Break</i>	
15:50-17:50	Great Debates Session Chairs: Woo Yong Lee (Sungkyunkwan University) Young-Woo Kim (National Cancer Center) Young-Jin Suh (The Catholic University of Korea) Sang Ho Bae (Soonchunhyang University)	
15:50-16:00	Frozen Section Analysis of Lumpectomy Margin - Pros.	Jeong Eon Lee (Sungkyunkwan University)

16:00-16:10	Frozen Section Analysis of Lumpectomy Margin - Cons.	Wonshik Han (Seoul National University)
16:10-16:30	Discussion	Jong Won Lee (University of Ulsan) Hyung Seok Park (Yonsei University)
16:30-16:40	Mediastinal LN Dissection for GEJ Cancer, Is It Mandatory? - Pros.	Jin-Jo Kim (The Catholic University of Korea)
16:40-16:50	Mediastinal LN Dissection for GEJ Cancer, Is It Mandatory? - Cons.	Jong-Han Kim (Korea University)
16:50-17:10	Discussion	In Seob Lee (University of Ulsan) Jun-Young Yang (Gachon University)
17:10-17:20	Preoperative decompression : PTBD	Sang-Jae Park (National Cancer Center)
17:20-17:30	Preoperative decompression : Endoscopic stent	Tae Jun Song (University of Ulsan)
17:30-17:50	Discussion	Dongho Choi (Hanyang University) Ju Ik Moon (Konyang University)
13:40-15:50	Medical Student Camp	
18:00	<i>Welcome Reception</i>	

Day 2, February 24(Sat)

08:00-09:00	Oral Presentation 3	
	Chairs: Hyun Jo Youn (Chonbuk National University) Ju Ik Moon (Konyang University)	
08:00-08:10	Ultrasound Image Analysis Using Deep Learning Algorithm for the Diagnosis of Thyroid Nodules	Mirang Lee (Seoul National University)
08:10-08:20	Routine Low-Dose Calcium and Vitamin D Supplementation after Thyroidectomy Does Not Reduce the Rate of Symptomatic Hypocalcemia	Hyungju Kwon (Ewha Womans University)
08:20-08:30	Bridge to Laparoscopic Surgery Stent Placement vs Emergency Surgery for Acute Malignant Colonic Obstruction: A Case-Matched Retrospective Study	Seung Yoon Yang (Yonsei University)
08:30-08:40	Systematic Review of Current Prognostication Systems for Primary Gastrointestinal Stromal Tumors	Brian K. Goh (Singapore General Hospital, Singapore)
08:40-08:50	Laparoscopic Versus Open Right Posterior Sectionectomy for Hepatocellular Carcinoma in a High-Volume Center: A Propensity Score Matched Analysis	Jinsoo Rhu (Sungkyunkwan University)
08:50-09:00	Safety and Oncologic Outcome of ALPPS for Patients with Simultaneous Resection of Colorectal Cancer and Multiple Bilobar Liver Metastases	Guisuk Park (University of Ulsan)
08:00-09:00	Oral Presentation 4	
	Chairs: Sang-Ho Jeong (Gyeongsang National University) Seung Ah Lee (CHA University)	
08:00-08:10	Prediction of Pathologic Complete Response to Neoadjuvant Chemotherapy in Breast Cancer Using Image-Guided Biopsy: A Prospective Clinical Trial	Han-Byoel Lee (Seoul National University)
08:10-08:20	Loss of E-cadherin Expression is Related to Poor Response to Adjuvant FOLFOX in Stage III Colon Cancer	Jong Min Lee (Yonsei University)
08:20-08:30	Clinical Short Term Outcomes of Curative Surgery after Upfront Chemotherapy in Stage IV Colon Cancer	Myung Hyun Han (Yonsei University)
08:30-08:40	Successful Distal Gastrectomy after Splenectomy by Assuring the Blood Flow to the Remnant Stomach from the	Tae-Han Kim (Gyeongsang National

	Left Inferior Phrenic Artery by Arteriography Reconstruction Software	University)
08:40-08:50	Risk of Secondary Primary Cancers after Gastrectomy for a Primary Gastric Cancer	Sang-Yong Son (Ajou University)
08:50-09:00	Postoperative Outcomes of Robotic Gastrectomy Versus Laparoscopic Gastrectomy Since 2009	Ho-Jung Shin (Ajou University)
09:00-10:40	Symposium 4: Controversy and Current Practice of Early Cancer Chairs: Soo Sang Sohn (Keimyung University) Sang Uk Woo (Korea University) Jae Hoon Lee (University of Ulsan)	
09:00-09:20	Cryoablation of Breast Cancer Update	Eisuke Fukuma (Kameda Medical Center, Japan)
09:20-09:40	Current Status and Challenges in Sentinel Node Navigation Surgery for Early Gastric Cancer	Keun Won Ryu (National Cancer Center)
09:40-10:00	ESD vs Laparoscopic Surgery for Early Colorectal Cancer	Tony Mak (The Chinese University of Hong Kong)
10:00-10:20	Controversy and Current Practice of Early Gallbladder Cancer (pT2)	Chang Moo Kang (Yonsei University)
10:20-10:40	Discussion	Seung Ah Lee (CHA University) Chan Young Kim (Chonbuk National University) Kyung Su Han (National Cancer Center) Jae Do Yang (Chonbuk National University)
09:00-10:40	Symposium 5: Management of Rare Tumors Chairs: Jong-Inn Lee (Korea Institute of Radiological & Medical Sciences) Moo-Jun Baek (Soonchunhyang University) Dong-Seok Han (Seoul National	

	University)	
09:00-09:20	Retroperitoneal Sarcoma	Young Hoon Kim (University of Ulsan)
09:20-09:40	Surgical Management of Lymph Node in Melanoma	Jung-Han Kim (Sungkyunkwan University)
09:40-10:00	Treatment of Pseudomyxoma Peritonei	Dong-Guk Park (Dankook University)
10:00-10:20	Minimally Invasive Surgical Procedures for Benign Adrenal Gland Tumors: Laparoscopic Transabdominal Versus Posterior Retroperitoneoscopic Approach	Young Jun Chai (Seoul National University)
10:20-10:40	Discussion	Seung Hyuk Baik (Yonsei University) Hyungju Kwon (Ewha Womans University)
10:40-11:00	<i>Coffee Break</i>	
11:00-12:10	Symposium 6: Update in Minimal Invasive Surgery Chairs: Young-Kyu Park (Chonnam National University) Ik Yong Kim (Yonsei University) Sang Geol Kim (Kyungpook National University)	
11:00-11:20	Omental flap reconstruction	Young Suk Park (Seoul National University)
11:20-11:40	Rectal Cancer Surgery: From Open to Transanal	William Tzu-Liang Chen (China Medical University, Taiwan)
11:40-12:00	Minimally Invasive Hepatectomy for Primary and Secondary Liver Malignancies	Brian Goh Kim Poh (Singapore General Hospital, Singapore)
12:00-12:10	Discussion	Sang Uk Woo (Korea University) Seong Kyu Baek (Keimyung University) Jae Hoon Lee (University of Ulsan)

11:00-12:10	Symposium 7: Precision Medicine Chairs: Hang Jong Yu (Korea Institute of Radiological & Medical Sciences) Yong Gum Park (Chung-Ang University) Byung Soh Min (Yonsei University)	
11:00-11:20	Promise of Precision Medicine through Integrated Personal Genome Analysis	Byung Ju Kim (Marcrogen)
11:20-11:40	Disease Prediction with Large-Scale Genetic Data	Sungho Won (Seoul National University)
11:40-12:00	Multidisciplinary Approach to Clinical Practice and Research	Sanghee Kang (Korea University)
12:00-12:10	Discussion	Hyeong-Gon Moon (Seoul National University) Say-June Kim (The Catholic University of Korea)
12:10-12:40	General Assembly of KSSO	
12:40-13:30	Luncheon Symposium 2 (Sponsored by Medtronic) Chair: Jung Gu Kang (National Health Insurance Service Ilsan Hospital)	
	Emerging Trends in the Technology and Prevention of Rectal Anastomotic Leakage	Jun-Seok Park (Kyungpook National University)
13:30-14:00	State-of-the-Art Lecture 2 Chair: Sang Seol Jung (CHA University)	
	Current Status of Sentinel Node Biopsy in Breast Cancer	Armando E. Giuliano (Cedars-Sinai Medical Center, USA)
14:00-15:20	Symposium 8: Lessons from Expert of Minimally Invasive Surgery	

	Chairs: Jun-Gi Kim (The Catholic University of Korea) Cho Hyun Park (The Catholic University of Korea) In Seok Choi (Konyang University)	
14:00-14:20	Bottom-up vs. Top-down TME for Rectal Cancer: Systemic Review and My Own Perspective	Seon-Hahn Kim (Korea University)
14:20-14:40	Techniques and Complications of Laparoscopic Subtotal Gastrectomy for Gastric Cancer	Min Chan Kim (Dong-A University)
14:00-15:00	Development of Laparoscopic Liver Resection in Korea	Ho-Seong Han (Seoul National University)
15:00-15:20	Recent Trend of Endoscopic and Robotic Surgery in Thyroid and Parathyroid Gland in Korea	Jeong Soo Kim (The Catholic University of Korea)
15:20-15:40	<i>Coffee Break</i>	
15:40-17:10	Symposium 9: Lymph Node Dissection Chairs: Ho-Kyung Chun (Sungkyunkwan University) Jeong-Hwan Yook (University of Ulsan) Hai Lin Park (CHA University)	
15:40-16:00	Rectal: Fluorescence-guided Lateral Pelvic Lymphadenectomy in Rectal Cancer	Hye Jin Kim (Kyungpook National University)
16:00-16:20	No.10 Lymph Node Dissection for Advanced Proximal Gastric Cancer	Seong Yeob Ryu (Chonnam National University)
16:20-16:40	Current Status of Sentinel Node Biopsy in Breast Cancer	Byung Ho Son (University of Ulsan)
16:40-17:10	Panel Discussion	Yoon Suk Lee (The Catholic University of Korea) Seong Ho Kong (Seoul National University) Sang Geol Kim (Kyungpook National University)

15:40-16:40	Best Video Session Chairs: Byung Chun Kim (Hallym University) In Seob Lee (University of Ulsan)	
15:40-15:52	Laparoscopic Assisted Middle-Segment–Preserving Pancreatectomy(MSPP) for Multifocal Invasive Mixed-Type Intraductal Papillary Mucinous Neoplasms	In Seok Choi (Konyang University)
15:52-16:04	VATS (Video Assisted Thoracoscopic Surgery) Hepatectomy for Overcome Rt. Upper Side Hepatic Malignancy Abutting Diaphragm in Patient with Marginal Liver Function	Samyoul Yoon (Hallym University)
16:04-16:16	Laparoscopic Salvage Surgery for Locally Recurrent Rectal Cancer after Preoperative Neoadjuvant Chemoradiation	Ik Yong Kim (Yonsei University)
16:16-16:28	Laparoscopic Non-Curative Proximal Gastrectomy for Locally Advanced Esophago-Gastric Junction Cancer: A Strategy to Avoid the Postoperative Complication in Morbid Patients	Chang Min Lee (Korea University)
16:28-16:40	Near Infrared Fluorescence Imaging for Robotic Complete Mesocolic Excision and Central Vascular Excision for Right-Sided Colon Cancer	Sung Uk Bae (Keimyung University)
17:10	Awards & Closing Ceremony	

Invited Speakers



David L. Bartlett
(Vice-President of SSO, University of Pittsburgh, USA)

February 23 (Fri) Symposium 2: How We Enrich the Future of Surgical Oncologist



Armando E. Giuliano
(President-Elect of SSO, Cedars-Sinai Medical Center, USA)

February 24 (Sat) State-of-the-Art Lecture 2



Tibor Kovacs
(President-Elect of ESSO, Guy's and St Thomas' NHS Foundation Trust, UK)

February 23 (Fri) Symposium 2: How We Enrich the Future of Surgical Oncologist

February 23 (Fri) Luncheon Symposium 1 (Sponsored by Johnson & Johnsons)



George Chang
(President-Elect of ESSO, Guy's and St Thomas' NHS Foundation Trust, UK)

February 23 (Fri) State-of-the-Art Lecture I

February 23 (Fri) Symposium 3: New Era of Multimodal Treatment



Hiroya Takeuchi
(International Affairs Committee of JSCO, Hamamatsu University, Japan)

February 23 (Fri) Symposium 2: How We Enrich the Future of Surgical Oncologist



Maki Sugimoto

(International University of Health Welfare Graduate School, Japan)

February 23 (Fri) Symposium 1: New Technologies in Surgical Oncology



Yukinori Kurokawa

(Osaka University, Japan)

February 23 (Fri) Symposium 3: New Era of Multimodal Treatment



Eisuke Fukuma

(Kameda Medical Center, Japan)

February 24 (Sat) Symposium 4: Controversy and Current Practice of Early Cancer



Tony Mak

(The Chinese University of Hong Kong, Hong Kong)

February 24 (Sat) Symposium 4: Controversy and Current Practice of Early Cancer



William Tzu-Liang Chen

(China Medical University Taichung, Taiwan)

February 24 (Sat) Symposium 6: Update in Minimal Invasive Surgery



Brian Goh Kim Poh

(Singapore General Hospital, Singapore)

February 24 (Sat) Symposium 6: Update in Minimal Invasive Surgery

Oral

1. **[OP1-1] PKMYT1, Myt1 kinase, is associated with the progression of colorectal cancer**
Donghyun Kang (Soonchunhyang University)
2. **[OP1-2] Estrogen receptor “positive” is not enough to predict the prognosis of breast cancer**
Jai Min Ryu (Sungkyunkwan University)
3. **[OP1-3] Efficacy of assessing the viability of laparoscopically harvested omental flap with intraoperative near-infrared camera in partial breast reconstruction**
Shin-Hoo Park (Seoul National University)
4. **[OP1-4] Investigation of gastric cancer recurrence nomogram model**
Sang-Ho Jeong (Gyeongsang National University)
5. **[OP1-5] Risk factors for adverse events in neoadjuvant chemotherapy for gastric cancer**
Tadayoshi Hashimoto (Osaka University, Japan)
6. **[OP1-6] Treatment Strategies and Disease Characteristics of Tumors close to the EJ-Junction in a Korean and a German High-Volume Center**
Felix Berlth (Seoul National University)
7. **[OP2-1] The validity of pelvic cross-sectional area as a predicting parameter for surgical outcome after low anterior resection for rectal cancer**
Gyoung Tae Noh (Ewha Womans University)
8. **[OP2-2] EGFR overexpression of cancer cell controlling invasiveness through maturity of cancer-associated fibroblast in the colorectal cancer**
Gyung Mo Son (Pusan National University)
9. **[OP2-3] Oncologic outcome of patients with adjuvant chemotherapy for less than 3 months versus more than 3 months**
Ri Na Yoo (The Catholic University of Korea)

10. **[OP2-4] Clinical significance of primary tumor resection in metastatic colorectal cancer**

Seung-Rim Han (The Catholic University of Korea)

11. **[OP2-5] Should we perform D2 lymphadenectomy during surgery for non- cardia gastric cancer?**

Chang Min Lee (Korea University)

12. **[OP2-6] Real-Time Detection System for Tumor Localization during Minimally Invasive Surgery for Gastric and Colon Cancer Removal: In vivo Feasibility Study in a Swine Model**

Jae Seok Min (Dongnam Institute of Radiological and Medical Sciences)

13. **[OP3-1] Ultrasound Image Analysis Using Deep Learning Algorithm for the Diagnosis of Thyroid Nodules**

Mirang Lee (Seoul National University)

14. **[OP3-2] Routine low-dose calcium and vitamin D supplementation after thyroidectomy does not reduce the rate of symptomatic hypocalcemia**

Hyungju Kwon (Ewha Womans University)

15. **[OP3-3] Bridge to Laparoscopic Surgery Stent Placement vs Emergency Surgery for Acute Malignant Colonic Obstruction: A Case-Matched Retrospective Study**

Seung Yoon Yang (Yonsei University)

16. **[OP3-4] Systematic review of current prognostication systems for primary gastrointestinal stromal tumors**

Brian K. Goh (Singapore General Hospital, Singapore)

17. **[OP3-5] Laparoscopic Versus Open right posterior sectionectomy for Hepatocellular carcinoma in a high-volume center : A propensity Score Matched Analysis**

Jinsoo Rhu (Sungkyunkwan University)

18. **[OP3-6] Safety and oncologic outcome of ALPPS for patients with simultaneous resection of colorectal cancer and multiple bilobar liver metastases**

Guisuk Park (University of Ulsan)

19. **[OP4-1] Prediction of pathologic complete response to neoadjuvant chemotherapy in breast cancer using image-guided biopsy: a prospective clinical trial**

Han-Byoel Lee (Seoul National University)

20. **[OP4-2] Loss of E-cadherin Expression is Related to Poor Response to Adjuvant FOLFOX in Stage III Colon Cancer**

Jong Min Lee (Yonsei University)

21. **[OP4-3] Clinical short term outcomes of Curative surgery after upfront chemotherapy in stage IV colon cancer**

Myung Hyun Han (Yonsei University)

22. **[OP4-4] Successful distal gastrectomy after splenectomy by assuring the blood flow to the remnant stomach from the left inferior phrenic artery by arteriography reconstruction software**

Tae-Han Kim (Gyeongsang National University)

23. **[OP4-5] Risk of secondary primary cancers after gastrectomy for a primary gastric cancer**

Sang-Yong Son (Ajou University)

24. **[OP4-6] Postoperative Outcomes of Robotic Gastrectomy Versus Laparoscopic Gastrectomy Since 2009**

Ho-Jung Shin (Ajou University)

Symposium

1. [SY 1-1] Robotic Mastectomy

Hyung Seok Park (Yonsei University)

2. [SY 1-2] Development and Application of Customized 3D Printing Breast Surgical Guide for Precise Breast Conserving Surgery in Breast Cancer Patients

Beom Seok Ko (University of Ulsan)

3. [SY 1-3] Localization in Hollow Viscus with New Fluorescence Clip

Dae Kyung Sohn (National Cancer Center)

4. [SY 1-4] Extended Reality (XR) Guided Surgical Oncology Using VR, AR, and MR

Maki Sugimoto (International University of Health Welfare Graduate School, Japan)

5. [SY 2-1] How We Enrich the Future of the Surgical Oncologist – SSO Perspective

David L. Bartlett (Vice-President of SSO, University of Pittsburgh, USA)

6. [SY 2-2] ESSO

Tibor Kovacs (President-Elect of ESSO, Guy's and St Thomas' NHS Foundation Trust, UK)

7. [SY 2-3] How Do We Enrich the Future of Surgical Oncologists in the Era of Multimodal Cancer Treatment?

Hiroya Takeuchi (International Affairs Committee of JSCO, Hamamatsu University, Japan)

8. [SY 2-4] KSSO

Han-Kwang Yang (Chairman of KSSO, Seoul National University)

9. [SY 3-1] Surgical Intervention for Liver Metastasis from Gastric Cancer

Yukinori Kurokawa (Osaka University, Japan)

10. [SY 3-2] Recent Advances in the Systemic Treatment of HCC

Changhoon Yoo (University of Ulsan)

11. [SY 3-3] Defining the Modern Approach to Pelvic Lymph Node Metastasis

George Chang (MD Anderson Cancer Center, USA)

12. **[SY 4-1] Cryoablation of Breast Cancer Update**

Eisuke Fukuma (Kameda Medical Center, Japan)

13. **[SY 4-2] Current Status and Challenges in Sentinel Node Navigation Surgery for Early Gastric Cancer**

Keun Won Ryu (National Cancer Center)

14. **[SY 4-3] ESD vs Laparoscopic Surgery for Early Colorectal Cancer**

Tony Mak (The Chinese University of Hong Kong)

15. **[SY 4-4] Controversy and Current Practice of Early Gallbladder Cancer**

Chang Moo Kang (Yonsei University)

16. **[SY 5-1] Retroperitoneal Sarcoma**

Young Hoon Kim (University of Ulsan)

17. **[SY 5-2] Surgical Management of Lymph Node in Melanoma**

Jung-Han Kim (Sungkyunkwan University)

18. **[SY 5-3] Treatment of Pseudomyxoma Peritonei**

Dong-Guk Park (Dankook University)

19. **[SY 5-4] Minimally Invasive Surgical Procedures for Benign Adrenal Gland Tumors: Laparoscopic Transabdominal Versus Posterior Retroperitoneoscopic Approach**

Young Jun Chai (Seoul National University)

20. **[SY 6-1] Omental Flap Reconstruction**

Young Suk Park (Seoul National University)

21. **[SY 6-2] Rectal Cancer Surgery: From Open to Transanal**

William Tzu-Liang Chen (China Medical University Taichung, Taiwan)

22. **[SY 6-3] Minimally Invasive Hepatectomy for Primary and Secondary Liver Malignancies**

Brian Goh Kim Poh (Singapore General Hospital, Singapore)

23. **[SY 7-1] Promise of Precision Medicine through Integrated Personal Genome Analysis**

Byung Ju Kim (Marcrogen)

24. **[SY 7-2] Disease Prediction with Large-Scale Genetic Data**

Sungho Won (Seoul National University)

25. **[SY 7-3] Multidisciplinary Approach to Clinical Practice and Research**

Sanghee Kang (Korea University)

26. **[SY 8-1] Bottom-up vs. Top-down TME for Rectal Cancer: Systemic Review and My Own Perspective**

Seon-Hahn Kim (Korea University)

27. **[SY 8-2] Techniques and Complications of Laparoscopic Subtotal Gastrectomy for Gastric Cancer**

Min Chan Kim (Dong-A University)

28. **[SY 8-3] Development of Laparoscopic Liver Resection in Korea**

Ho-Seong Han (Seoul National University)

29. **[SY 8-4] Recent Trend of Endoscopic and Robotic Surgery in Thyroid and Parathyroid Gland in Korea**

Jeong Soo Kim (The Catholic University of Korea)

30. **[SY 9-1] Rectal: Fluorescence-guided Lateral Pelvic Lymphadenectomy in Rectal Cancer**

Hye Jin Kim (Kyungpook National University)

31. **[SY 9-2] No.10 Lymph Node Dissection for Advanced Proximal Gastric Cancer**

Seong Yeob Ryu (Chonnam National University)

32. **[SY 9-3] Current Status of Sentinel Node Biopsy in Breast Cancer**

Byung Ho Son (University of Ulsan)

State-of-the-Art Lecture

1. Maximizing the Value of Post Treatment Surveillance for Colorectal Survivors

George Chang (MD Anderson Cancer Center, USA)

2. Current Status of Sentinel Node Biopsy in Breast Cancer

Armando E. Giuliano (President-Elect of SSO, Cedars-Sinai Medical Center, USA)

Great Debates Session

1. Frozen Section Analysis of Lumpectomy Margin - Pros.

Jeong Eon Lee (Sungkyunkwan University)

2. Frozen Section Analysis of Lumpectomy Margin - Cons.

Wonshik Han (Seoul National University)

3. Mediastinal LN Dissection for GEJ Cancer, Is It Mandatory? - Pros.

Jin-Jo Kim (The Catholic University of Korea)

4. Mediastinal LN Dissection for GEJ Cancer, Is It Mandatory? - Cons.

Jong-Han Kim (Korea University)

5. Preoperative Decompression : PTBD

Sang-Jae Park (National Cancer Center)

6. Preoperative Decompression : Endoscopic Stent

Tae Jun Song (University of Ulsan)

Luncheon Symposium

[LS 1] New Methods of Implant Based Reconstruction after Mastectomy

Tibor Kovacs (Guy's and St Thomas' NHS Foundation Trust, UK)

[LS 2] Emerging Trends in the Technology and Prevention of Rectal Anastomotic Leakage

Jun-Seok Park (Kyungpook National University)

Poster

1. **[P-01] Expansion of tumor-infiltrating lymphocytes and their potential for application to adoptive cell therapy in patients with colorectal cancer**

Ki-Jung Kim (Gachon University)
2. **[P-02] Ataxin-3 expression correlates with the clinicopathologic stage and prognosis of colorectal cancer**

Seung-Jin Kwag (Gyeongsang National University)
3. **[P-03] High expression of Dickopf-1 (DKK-1) and low expression of E-cadherin are novel node metastasis predictors in early gastric cancer**

Yeon-Ju Huh (Ewha Womans University)
4. **[P-04] Association between c-Met and lymphangiogenic factors in patients with colorectal cancer**

Dong Hyun Kang (Soonchunhyang University)
5. **[P-05] A genetic variant located in miR-146b promoter region is associated with prognosis of gastric cancer**

Weizhi Wang (The First Affiliated Hospital of Nanjing Medical University, China)
6. **[P-06] Is neoadjuvant chemotherapy beneficial in metaplastic carcinoma of the breast?**

Kyoung Eun Kim (Seoul National University)
7. **[P-07] Clinical application of multigene panel testing and association between germline mutations in predisposition genes and clinicopathological factors in patients with high risk for hereditary breast cancer**

Eun-Shin Lee (Seoul National University)
8. **[P-08] ANALYSIS OF THE RELATIONS AMONG LYMPHANGIOGENIC GROWTH FACTORS (VEGF-C, VEGF-D), VEGF RECEPTOR 3 IN COLORECTAL CANCER AND THEIR EFFECTS ON THE PROGRESSION AND PROGNOSIS**

Tae-Sung Ahn (Soonchunhyang University)

9. **[P-09] Large Cell Neuroendocrine Carcinoma of the Colon with Carcinomatosis Peritonei : A Case Report**

Taek-Gu Lee (Chungbuk National University)

10. **[P-10] Prognostic Factors for Early Recurrence after Neoadjuvant Chemoradiotherapy Followed by Total Mesorectal Excision in Rectal Cancer**

Seung Yoon Yang (Yonsei University)

11. **[P-11] Laparoscopic assisted abdominoperineal resection for Primary Anorectal Malignant Melanoma: A rare disease Case report**

Dae Ro Lim (Soonchunhyang University)

12. **[P-12] Metastatic Thyroid Adenocarcinoma from Sigmoid Colon Adenocarcinoma with Synchronous Thyroid Papillary Carcinoma.**

Jung Sik Kim (Korea University)

13. **[P-13] The impact of microsatellite instability as a marker of prognosis and tumor response in colorectal cancer**

Seung Yoon Yang (Yonsei University)

14. **[P-14] Malignant intraductal papillary neoplasm of the bile duct with intrahepatic rupture**

Ju Ik Moon (Konyang University)

15. **[P-15] Laparoscopic extended right hepatectomy using anterior approach in huge hepatic metastasis of colorectal cancer**

Jung Seok Lee (Konyang University)

16. **[P-16] THE ROLE OF VIDEOLAPAROSCOPY IN THE SELECTION OF SURGICAL TACTICS AT PATIENTS WITH TUMORS OF PERIAMPULAR ZONE COMPLICATED BY MECHANICAL JAUNDICE**

Viktoriya Tsay (Tashkent Medical Academy, Uzbekistan)

17. **[P-17] Multidisciplinary Treatment for the Recurrence after Surgical Resection of Hilar Cholangiocarcinoma: A Case Report**

Jong Hun Kim (Ewha Womans University)

18. **[P-18] Tumor Size and Number of Positive Lymph Nodes are Significant Prognostic Factors of Pancreatic Ductal Adenocarcinoma**

Huisong Lee (Ewha Womans University)

19. **[P-19] Surgical outcomes of Liver resection for Breast cancer Liver metastasis**

Jihwan Jeong (University of Ulsan)

20. **[P-20] Withdrawal**

21. **[P-21] Three cases of adrenocortical tumors mistaken for hepatocellular carcinomas/diagnostic pitfalls and differential diagnosis**

Hyung-II Seo (Pusan National University)

22. **[P-22] Hibernation of mass suspected to be a remnant tumor after surgical resection of retroperitoneal liposarcoma is related to improved overall survival**

Jinsoo Rhu (Sungkyunkwan University)

23. **[P-23] Schwannoma of Brachial Plexus**

Viktoriya Tsay (Tashkent Medical Academy, Uzbekistan)

24. **[P-24] Surgery of Small Intestinal Cystic Lymphangioma Presenting as an Acute Abdomen**

Dae Ro Lim (Soonchunhyang University)

25. **[P-25] Analysis of medical claims of division of gastrointestinal surgery at a large volume center from 2012 to 2017**

Moon-Won Yoo (University of Ulsan)

26. **[P-26] A SPADE OPERATION: NOVEL ANASTOMOSIS AFTER LAPAROSCOPIC PROXIMAL GASTRECTOMY AND ITS EARLY OUTCOME**

Wonho Han (National Cancer Center)

27. **[P-27] Intracorporeal Hemi-Double Stapling Esophagojejunostomy for Upper Third Early Gastric Cancer**

Shin-Hoo Park (Seoul National University)

28. **[P-28] A single institution experience of laparoscopic gastrectomy in advanced gastric cancer: analysis of postoperative morbidities and long-term oncologic outcomes**
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Yoontaek Lee (Seoul National University)

29. **[P-29] Laparoscopic transhiatal approach for treatment of esophagogastric junction cancer**
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Yoontaek Lee (Seoul National University)

30. **[P-30] The prognostic difference between conversion surgery and immediate surgery in clinically diagnosed with stage IV gastric cancer (GC) patients**
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Jihyeon Park (Gachon University)

[P-16] THE ROLE OF VIDEOLAPAROSCOPY IN THE SELECTION OF SURGICAL TACTICS AT PATIENTS WITH TUMORS OF PERIAMPULAR ZONE COMPLICATED BY MECHANICAL JAUNDICE

Topic: Hepatobiliary Cancer and Pancreas Cancer

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Background/aims

Periamplary tumors (PAT) in recent decades have become a leading oncological disease in most industrialized countries, including Uzbekistan. It should be noted that there has been no significant improvement in the diagnosis and mortality of PAT, in contrast to many other malignant diseases. The hopes of the researchers are related to the search and improvement of minimally invasive diagnostic methods that allow to determine the stage of the disease and further treatment tactics. The aim of the study was to improve diagnostics of periamplary tumors complicated by mechanical jaundice by using diagnostic laparoscopy.

Methods

The analysis was performed on 24 patients with PAT complicated by mechanical jaundice at the age of 29-74 years who were on inpatient treatment in the 2nd TMA clinics in the period 2005-2014. All patients were admitted to the clinic with mechanical jaundice, the duration of which was from 24 days to 3 months. All patients from the moment of admission to the hospital had a set of diagnostic measures aimed at determining the level of the bile duct block, the stage of hepatic insufficiency (HI), the phenomena of cholangitis, the somatic status of patients. Therapeutic tactics was two-stage. The first stage for the purpose of decompression of the bile ducts was the method of percutaneous transhepatic cholangiostomy. Normalization of liver functional parameters and improvement of somatic status dictated the transition to the second stage of treatment. After arresting mechanical jaundice in the preparatory stage before the radical, palliative of non-invasive diagnostic methods, MSCT was applied, the indicators of the level of tumor markers were determined. And in controversial situations, a diagnostic search

is supplemented with video laparoscopy. Indications for video laparoscopy were: duration of mechanical jaundice (more than 1 month); prolonged wearing of cholangiostoma (more than 3 months); suspected liver micrometastases; suspicion of tumor germination into the gates of the liver. Absolute contraindications to video laparoscopy were considered: decompensated stage of hepatic insufficiency; somatic status according to the Karnofsky scale is less than 60 points; obvious signs of non-resectability of PAO, as well as general contraindications to laparoscopy. Videolaparoscopy was performed according to the standard method. During the video laparoscopy, the place of the previously established cholangiostoma, the presence of enlarged lymph nodes in the liver gates, the large omentum, the mesentery of the small and large intestine were carefully examined.

Results

In four (16.7%) observations during video laparoscopy, micrometastases of the liver and peritoneal carcinomatosis were diagnosed, in 6 (25%) patients the tumor of the head of the pancreas sprouted the gates of the liver. These patients were refused open surgical procedures. Patients were released for systemic chemotherapy treatment. In 8 (33.3%) patients, locally advanced pancreatic cancer was diagnosed, taking into account the prevalence of the process, palliative hepaticoentero- and gastroenteroanastomoses were imposed on these patients. In 6 (25%) patients, the case was found to be radically operable. These patients were subjected to gastro-pancreatoduodenal resections in various volumes.

Conclusions

The use of video laparoscopy in the diagnosis of periampullar tumors in disputed situations allows to determine the resectability of the tumor and to avoid "vain laparotomy". Indications for video laparoscopy can be considered: a long-term mechanical jaundice (more than 30 days); prolonged wearing of cholangiostoma (more than 3 months); impossibility of staging the tumor process by non-invasive diagnostic methods. Contraindications to video laparoscopy can be considered: general contraindications to general anesthesia and clear signs of tumor non-resectability.

[P-23] SCHWANNOMA OF BRACHIAL PLEXUS

Topic: Soft Tissue Sarcoma and Other Malignancy

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Background/aims

Brachial plexus tumours are a rare entity. Schwannomas are benign nerve sheath tumours and only about 5% arise from the brachial plexus. Due to its rarity and complex anatomical location they can pose a formidable challenge to surgeons. We present a case of a young patient who presented with an subclavian area swelling, which turned out to be a Schwannoma arising for the lateral cord of the brachial plexus.

Methods

During the ultrasound there was revealed, that 6,5 x 6,0 tumor compressed right subclavian artery in the second segment. A CT scan of chest revealed a 6.5x6.3 cm mass in right subclavian area which showed heterogeneous enhancement and suggestive of a lymph node mass or a neurogenic tumour . During surgery for excision through subclavian approach, a 6x6,5 cm firm mass arising from the medial cord was found. The tumour was enucleated with resection of median nerve, because it was involved into mass.

Results

In the post operative period, the patient complained of loss of sensation and movement over index finger and thumb. The histopathology of the tumour was consistent with Schwannoma.

Conclusions

Brachial plexus tumours are rare comprising of only 5% of all tumours of upper limb. The two most common brachial plexus region tumors are the Schwannomas and the Neurofibromas, both of which are benign and arise

from the nerve sheath. The most frequent site is in the head and neck, which comprises 25% of all Schwannomas, and only about 5% of Schwannomas present as brachial plexus tumours. Due to their rarity and complex anatomical location they form a formidable diagnostic and therapeutic challenge to surgeons. Schwannomas are indolent tumors but may present with symptoms secondary to nerve compression. Grossly these tumours are oval or plexiform and may be pink, tan, yellow or gray. Histologically, the terms Antoni type A and type B are used to describe varying growth patterns in Schwannomas. Imaging studies are valuable in the pre-operative diagnosis. On CT, most Schwannomas are iso-dense relative to brain parenchyma. Calcification or areas of hemorrhage are rare and the enhancement pattern is typically homogeneous. On MRI Schwannomas are iso-intense to hypo-intense on T1- weighted MRI and enhance with gadolinium. Surgery is indicated for tumors that cause neurological dysfunction or pain or for any rapidly growing tumors with a suspicion of malignancy, and complete resection of these tumors results in cure.