

Surgical Science

2004

Annual Report

of

*Department of General Surgical Science (Surgery I),
Gunma University*

*Department of General Surgical Science
Graduate School of Medicine
Gunma University, Gunma Japan
(Department of Surgery I)*



PREFACE

The Department of General Surgical Science of the Gunma University Graduate School of Medicine was established in 1943. This year marks its 62nd anniversary. Six years have passed since I was appointed as replacement to Dr. Yukio Nagamachi at Gunma University in 1995. Throughout the years, I have been thinking how to carry on with the great works and legacy that predecessors like Prof. Nagamachi has established in this Department. To be the best in both worlds of medical practice and clinical research, it is needed to have an eccentric amount of inner strength to commit with our sweat and blood. Thus to maintain and build on to this legacy, I have decided to compile the works of the Department into an Annual Report. The increasingly diversifying and fractionalizing world of clinical research has prompted an enormous increase in the amount of cost and time it takes to complete a single study. In 2004, we published over 60 issues of English-written articles, but I deemed them far from satisfactory, both quantitatively and qualitatively. I want to make it my personal task to continue with the effort to improve in this area. For this, I would like to implore your continued support in this venture.

Thank you.

Hiroyuki Kuwano, MD. PhD. FACS.

Chairman and Professor,
The Department of General Surgical Science
Graduate School of Medicine
Gunma University

To all members of the Department of General Surgical Science,

Congratulations upon your successful publication of this year's Annual Report. The idea of compiling the English-written articles and issuing them as an Annual Report came to myself when I was appointed as a Professor in the Kyushu University Department of Surgery and Science in 1985. The publication of the Report began in 1986. I'm very happy and proud to know that one of my pupil, Dr. Kuwano, has successfully released this Annual Report as a member of the faculty of Gunma University. I would also like to compliment all of the members of the Department involved in this arduous task of compiling these English articles, one by one. Studies like these can only gain public appraisal when they are released in the form of compiled articles such as your Annual Report. Otherwise, even the greatest study will lose its true value. Furthermore, the Report would have to be compiled in English if it is to gain world-wide public attention. Dr. Kuwano has inherited these ideas. All this is owed to his predecessor, to Dr. Yukio Nagamachi's great legacy and experience at the Department. Unfortunately, Dr. Nagamachi has passed away just recently before he had the chance to take a look at the actual publication. However, I firmly believe that his teachings will live on with the new legacy inherited by Dr. Kuwano, and that the publication of this Report will further contribute to the Department's achievement in enhancement of medical science in our country. Lastly, I look forward to witness the advancement of this country's medical science, led by your studies.

Keizo Sugimachi, Director

Kyushu Central Hospital of the Mutual Aid Association of Public School Teachers

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3. Kuwano H. et al. Cell density modulates the metastatic aggressiveness of a mouse colon cancer cell line, colon 26. <i>Oncology</i> 67(5-6):441-449, 2004.	17
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17. Miyazaki T. et al. Usefulness and limitations of endoscopic ultrasonography for detection of lymph node metastasis in esophageal cancer. *J. Gastroenterology* 39(1): 90-91, 2004. 96
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59. Takahashi A. et al. Gastrointestinal manometric findings in a patient with total intestinal 368
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60. Yamamoto H. et al. Infantile intestinal leiomyosarcoma is prognostically favorable despite 371
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2004.

*<On line published in 2004> (61 ~ 62)

61. Takeuchi K. et al. A Modified Stapling Technique for Performing Billroth I Anastomosis after

Distal Gastrectomy. *World J. Surg.*

62. Aihara R. et al. Clinical significance of mucin phenotype, beta-catenin and matrix metalloproteinase 7 in early undifferentiated gastric carcinoma. *Br. J. Surg.*

**These two papers will be presented in the next issue: Surgical Science 2005.*

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(alphabetically)

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- 1 . Kuwano H., et al. Genetic alterations in esophageal cancer. *Surg Today*.
- 2 . Takahashi A, et al. Remission induced by interferon alfa in a patient with massive osteolysis and extension of lymph-hemangiomas: A severe case of Gorham-Stout syndrome. *J Pediatr Surg*.
- 3 . Kato H, et al. The expression of RCAS1 in esophageal squamous cell carcinoma is associated with a poor prognosis. *J Surg Oncol*
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- 5 . Kato H, et al. The incremental effect of positron emission tomography on diagnostic accuracy in the initial staging of esophageal carcinoma. *Cancer*
- 6 . Takeuchi K. et al. A modified stapling technique for performing billroth I anastomosis after distal gastrectomy. *World J Surg*
- 7 . Takeuchi K. et al. Drug resistance of *Enterococcus faecium* clinical isolates and the conjugative transfer of gentamicin and erythromycin resistance traits. *FEMS Microbiol Lett*.
- 8 . Tsukada K, et al. Clinical factors influencing CT findings in patients with acute appendicitis . *Hepato-Gastroenterol*
- 9 . Tsukada K, et al. Relationship between secretory leukocyte protease inhibitor levels in bronchoalveolar lavage fluid and postoperative pulmonary complications in patients with esophageal cancer. *Am J Surg*
- 10 . Mochiki E, et al. Laparoscopy-assisted distal gastrectomy for early gastric cancer: Five years' experience *Surgery*
- 11 . Uchida N, et al. Schwannoma of the breast: report of a case. *Surg Today*
- 12 . Suehiro T, et al. The effect of the herbal medicines Dai-Kenchu-To and Keishi-Bukuryo-Gan on bowel movement after colorectal surgery. *Hepato-Gastroenterol*
- 13 . Suehiro T, et al. Hyperinsulinemia in the patients with colorectal cancer. *Hepato-Gastroenterol*
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- 15 . Shimura T, et al. Mucosa-associated lymphoid tissue lymphoma of the extrahepatic bile duct. *Hepato-Gastroenterol*
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- 22 . Aihara R. et al. Clinical significance of mucin phenotype, beta-catenin and matrix metalloproteinase 7 in early undifferentiated gastric carcinoma. *Br J Surg*
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- 24 . Fukai Y, et al. Correlation between laminin-5 γ 2 chain and epidermal growth factor receptor expression in esophageal squamous cell carcinomas. *Oncology*
- 25 . Yajima T, et al. A novel role of IL-15 in early activation of memory CD8⁺ CTL after reinfection. *J Immunol*
- 26 . Wada S, et al. Rationale for anti-angiogenic cancer therapy with vaccination using epitope peptides derived from human vascular endothelial growth factor receptor 2 (VEGFR2). *Cancer Res*
- 27 . Faried A, et al. Correlation between RhoA overexpression and tumour progression in esophageal squamous cell carcinoma. *Eur J Surg Oncol*
- 28 . Kimura H, et al. Flat-type primary malignant melanoma of the esophagus treated by EMR : case report. *Gastrointest Endosc*
- 29 . Yamauchi H, et al. Bilateral ovarian teratomas successfully treated by ovary-conserving technique.-Report of a case- *Pediatr Int*
- 30 . Takita J, et al. Primary squamous cell carcinoma of the stomach: A case report with immunohistochemical and molecular biologic studies. *Hepato-Gastroenterol*

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