

Development of New Surgical Approaches to Carcinoma of the Pancreato-Biliary System

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1990 Fiscal Year Final Research Report Summary

Development of New Surgical Approaches to Carcinoma of the Pancreato-Biliary System

Research Project

Project/Area Number

01304042

Research Category

Grant-in-Aid for Co-operative Research (A)

Allocation Type

Single-year Grants

Research Field

Digestive surgery

Research Institution

Kanazawa University

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Project Period (FY)

1989 – 1990

Keywords

carcinoma of the pancreato-biliary system / lymphatic metastasis / perineural invasion / technique of anastomosis of blood vessels / diversion system of blood / total resection of the hepatoduodenal ligament / combined resection of the portal vein / combined resection of the artery

Research Abstract

This study was designed to reevaluate the pathological spread of resected specimens for pancreato-biliary cancer, develop the operative procedures of resection and reconstruction of the main vessels in the pancreato-biliary system, and elucidate the adequate range of lymphatic dissection according to the

extension of the tumor. Some institutes which have ever operated many cases of the same carcinoma, or specialized in the blood vessel surgery joined it. It became clear that the previous procedures might be unable to remove curatively the advanced cancer of the pancreato-biliary system from the pathological investigation of the extension of cancers, and curative removals needed a combined resection of the total hepato-duodenal ligament for biliary cancer and a combined resection of the superior mesenteric vein and artery. In the combined resection of the blood vessels, a combined resection of the portal vein became safer and more certain, but the technique of a combined resection of arteries such as the hepatic artery and the superior mesenteric artery still remained insufficient. However, this study showed that the combined resection of these arteries would be resolved in the near future by the continuous research about these problems.

Research Products (12 results)

All	Other
All	Publications (12 results)

[Publications] 宮崎 逸夫、永川 宅和、中野 達夫: "膵がん 胆道癌" 臨牀と研究. 第68巻. 49-53 (1991) ▼

[Publications] 永川 宅和、小西 一郎、前田 基一、太田 哲生、秋山 高儀、神野 正博、萱原 正都、宮崎 逸夫: "Lymph Node Involment by carcinoma of the Pancreatic Head Area —A Grouping of Regional Lymph Nodes Involved by the Tumors" 金沢大学医療技術短期大学部紀要. 第14巻. 1-11 (1990) ▼

[Publications] 永川 宅和、上野 桂一、太田 哲生、小林 弘信、中村 隆、中野 泰治、角谷 直孝、八木 雅夫、泉 良平、宮崎 逸夫: "Quality of life よりみた膵胆道系癌拡大手術の評価" 日本消化器外科学会雑誌. 第23巻. 967-972 (1990) ▼

[Publications] 永川 宅和、宮崎 逸夫: "膵癌とくに膵頭部癌に対する拡大根治手術" 消化器外科. 第13巻. 1227-1235 (1990) ▼

[Publications] 小林 弘信、永川 宅和、中野 達夫、中野 泰治、中村 隆、上田 順彦、前田 基一、太田 哲生、上野 桂一、宮崎 逸夫: "膵頭部癌における大動脈周囲リンパ節(No.16) 転移状況と郭清の意義" 日本外科系連合学会誌. 第21巻. 27-30 (1990) ▼

[Publications] 永川 宅和: "新しい膵空腸吻合法 — 二重腸管による膵陥入法" 金沢大学医療技術短期大学部紀要. 第14巻. 81-83 (1990) ▼

[Publications] I, Miyazaki et, al: "Pancreatic cancer and biliary cancer" Clinic and Reseach. 68. 49-53 (1991) ▼

[Publications] T, Nagakawa et, al.: "Lymph node involvement by carcinoma of the pancreatic head area-A grouping of regional lymph nodes involved by the tumors." Mem All Med Prof Kanazawa. 14. 1-11 (1990) ▼

[Publications] T, Nagakawa et, al.: "Evaluation of extended surgery for carcinoma of pancreato-biliary system" Jpn J Gastroenterological Surg.23. 967-972 (1990) ▼

[Publications] T, Nagakawa et, al.: "Extended radical operation for carcinoma of the head of the pancreas" Digestive Surg.13. 1227-1235 (1990) ▼

[Publications] H, Kobayashi et. al.: "Metastasis to the paraaortic lymph nodes and significance of those dissection in carcinoma of the head of the pancreas." Jpn J Surg Ass. 21. 27-30 (1990) ▼

[Publications] T, Nagakawa: "New pancreaticojejunostomy" Mem All Med Prof Kanazawa. 14. 81-83 (1990) ▼

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