Hepato-Biliary-Pancreatic Surgery

1. Staffs and Students (April, 2010)
Professor
Shigeki Arii
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2. Educational Vision
Medical School Education: Our mission is to educate students and transform them into high quality surgeons. Leading edge training, from basic to advanced, is provided through one-on-one interaction with advisers. Furthermore, students, as medical professionals, learn how to interact with patients, and establish strong ethics and morals. Especially, in regard to breaking bad news, students learn by dealing with real cases. While students mainly acquire surgical techniques during post-graduate clinical internships, their interest in surgery is nurtured through medical education.

Post-graduate Education: Our mission is to cultivate the capability of students as surgeons and physicians, in order to provide the highest quality patient care. Each student is expected to obtain a specialization in surgery within 5 or 6 years after graduation from medical school. During post-graduate education, we provide incentives for students to become excellent surgeons, conduct original medical research, and allow them to demonstrate their capability in the real world.

3. Research
We are making researches in the important issues which are remained to be resolved in the hepato-biliary-pancreatic surgery and diseases. The research subjects are as follows:

1) Research in the molecular mechanisms on the progression of hepato-biliary-pancreatic malignancies
2) Research in development of the molecular-targeting therapy for hepato-biliary-pancreatic malignancies.
3) Research in the extended indication of the hepatic resection for hepato-biliary malignancies.
4) Research in the transporter for bile metabolism
5) Research in the improvement of liver preservation
6) Research in the microcirculation of the liver
7) Research in immunological torelance for organ transplantation
8) Research in technical improvement of laparoscopic surgery

4. Clinical practice
The major diseases we treat are those of liver, biliary tract including gallbladder, pancreas, and spleen, particularly malignant diseases of those organs. Especially, our mission is to treat advanced cancers with multidisciplinary strategy although our mainstay is surgical method. Living liver transplantation is also undertaken for end-stage liver diseases. Laparoscopic surgery is applied to neoplastic diseases as well as benign diseases from the viewpoint of less invasive surgery. The malignant cases we resected were 190 in 2010, which was ranked as one of the leading high-volume centers of our country.

5. Publications
Original Article


**Review Article**


**Case report**


**International Presentation**


