

Vascular and Applied Surgery

1. Staffs and Students (April, 2009)

Professor	Tatsuyuki KAWANO	
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Junior Associate Professor	Yoshinori INOUE	
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	Tetsuro NISHIKAGE,	
Tokunin Assistant Professor	Toshifumi KUDO	
Hospital Staff	Kazuo OGIYA,	Hiroaki TERASAKI,
	Tkakahiro TOYOFUKU,	Shigeo HARUKI,
	Hiroyuki NOTANI,	Akihito MITSUOKA,
	Tomoyoshi SUZUKI,	Akihiro HOSHINO,
	Yutaka MIYAWAKI,	Hidetoshi UCHIYAMA
	Shinya KOIZUMI,	Koji YONEKURA
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	Shigeo HARUKI,	Hiroko KUME,
	Hiroyuki NOTANI,	Akihito MITSUOKA,
	Tomoyoshi SUZUKI	Akihiro HOSHINO,
	Yutaka MIYAWAKI,	Hidetoshi UCHIYAMA,
	Shinya KOIZUMI,	Koji YONEKURA,
	Nuttawut SERMSATHANASAVAD,	
	Tuerxun REXIATI,	Jirawat SWANGSRI
Research Student	Dilixiati JIAMALI	

2. Purpose of Education

The history of the department started as the First Department of Surgery of TMDU, and many surgeons and researchers in various specialties have gathered and have been keeping a high level of activities. Our main purposes of education are to make the post-graduate physicians grown up to excellent surgeons and to contribute in development of medical/surgical sciences. Surgeons with high-level medical knowledge and techniques are expected to grow up in this department. Moreover, making surgeons with matured humanity is one of the purposes. The department has a peaceful atmosphere and stands for active work in solving difficult problems.

3. Research Subjects

- 1) Development of esophago-gastric surgery.
- 2) Development of vascular and transplantation surgery.
- 3) Development of colo-rectal surgery.
- 4) Development of breast and endocrine surgery.

4. Clinical Services

Main clinical services are diagnosis and treatment for esophago-gastric and vascular diseases. Post-graduate students learn and study general surgery and sub-specialty, e.g. esophageal surgery, vascular surgery. The territory of clinics is wide and the department provides a full spectrum of standard and special technologies such as minimally invasive surgery and extended radical surgery for malignancies.

5. Publications

1. Nakashima R, Inoue Y, Sugano N, Jibiki M, Kudo T, Iwai T. Efficacy of the transfer function index using the pulse volume recording as a parameter to assess intermittent claudication. *Surg Today*.39: 2009:658-62.
2. Kumagai Y, Kawada K, Yamazaki S, Michio Iida, Kumiko Momma, Hajime Odajima, Kawachi H, Nemoto T, Kawano T, Takubo K. Endocytoscopic observation for esophageal squamous cell carcinoma: Can biopsy histology be

omitted? *Dis Eso* 2009; 22: 505-512

3. Murayama T, Inokuchi M, Takagi Y, Yamada H, Kojima K, Kumagai J, Kawano T, Sugihara K. Relation between outcomes and localisation of p-mTOR expression in gastric cancer. *British Journal of Cancer*. 2009;100:782-788
4. Yuasa Y, Nagasaki H, Akiyama Y, Hashimoto Y, Takizawa T, Kojima K, Kawano T, Sugihara K, Imai K, Nakachi K. DNA methylation status is inversely correlated with green tea intake and physical activity in gastric cancer patients. *International Journal of Cancer*. 2009;124:2677-2682
5. Nara S, Goseki N, Kawano T. Basic study on small intestinal motility with various nutrients in supposed postesophagectomy nutritional support. *International Surgery*, 2009;94:273-278
6. Kawano T, Nishikage T, Kawada K, Nakajima Y, Kojima K, Nagai K. Subcutaneous reconstruction using ileo-colon with preserved ileo-colic vessels following esophagectomy or in esophageal bypass operation. *Dig Surg* 2009; 26: 200-204
7. Nakajima Y, Suzuki T, Haruki S, Ogiya K, Kawada K, Nishikage T, Nagai K, Kawano T. A pilot trial of docetaxel and nedaplatin in cisplatin-pretreated relapsed or refractory esophageal squamous cell cancer. *Hepato-Gastroenterology* 2008; 55: 1631-1635.