

Colorectal (Pelvic) Surgery

Introduction

The Colorectal and Pelvic Surgery Division was established seven years ago. Its main purpose is to work together with divisions composed of colorectal surgeons and urologists. Cooperation between these divisions contributes not only to effective operative techniques but also to oncological consensus including on quality of life (QOL) in pelvic malignancy patients. New surgical procedures such as nerve-sparing surgery, sphincter-saving surgery, bladder-sparing surgery, and pouch surgery are being developed to prevent postoperative dysfunction. These new approaches will contribute to better QOL for patients with pelvic malignancies.

Routine Activities

The Colorectal and Pelvic Surgery Division has six consultants (4 colorectal surgeons and 2 urologists), and seven residents. The outpatient clinic is open five days a week. More than 300

new patients with colorectal carcinomas and more than 100 new patients with other pelvic malignancies visited last year. Plans for treatment are discussed at one conference each per week on GI and pelvic malignancies. In patients with early cancer, many modalities have been introduced, such as local excisions with or without adjuvant therapy, and other minimally invasive forms of surgery using laparoscopy. Laparoscopy-assisted operations (Lap-Ops) with wider lymphadenectomy of up to more than D2 are also increasingly being performed in patients with advanced colorectal carcinomas. Abdominoperineal resection (APR) has in the past been the standard form of surgery for these patients; however, partial anal sphincter preservation surgery has been performed in more than 130 patients with very low rectal cancer, resulting in cure and preservation of anal function.

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Number of operative cases in the Colorectal (Pelvic) Surgery Group in 2002-2006

Year	Total number	Colorectal cases			Other cases		
		Colon	Rectum	Sub- total	Gastro-intestinal	Uro. cases	Others
2002	402	117	124	241	84	21	56
2003	417	129	111	240	69	29	79
2004	480	161	122	283	32	76	89
2005	449	138	125	263	14	106	66
2006	546	158	168	326	8	137	75
SUM	2,294	703	650	1,353	207	369	365