Supplementary Table 1. Operation Codes for Colorectal Cancers

Operation code	Definition of code
QA671	Colectomy (right hemi-colectomy or left hemi-colectomy) with lymph node dissection
QA672	Colectomy (total) with lymph node dissection
QA673	Colectomy (partial) with lymph node dissection
QA679	Colectomy and colostomy, closure of anorectal stump [Hartmann operation] with lymph node dissection
Q2671	Colectomy (right hemi-colectomy or left hemi-colectomy) without lymph node dissection
Q2672	Colectomy (total) without lymph node dissection
Q2673	Colectomy (partial) without lymph node dissection
Q2679	Colectomy and colostomy, closure of anorectal stump [Hartmann operation] without lymph node dissection
Q1261	Subtotal colectomy (right hemi-colectomy and left hemi-colectomy at one time or left hemi-colectomy and sigmoid colectomy at one time) with lymph node dissection
Q1262	Subtotal colectomy (right hemi-colectomy and left hemi-colectomy at one time or left hemi-colectomy and sigmoid colectomy at one time) without lymph node dissection
QA921	Anterior resection with lymph node dissection
QA922	Lower anterior resection with lymph node dissection
QA923	Abdominoperineal resection with lymph node dissection
QA924	Abdominal pull-through operation with lymph node dissection
Q2921	Anterior resection without lymph node dissection
Q2922	Lower anterior resection without lymph node dissection
Q2923	Abdominoperineal resection without lymph node dissection
Q2924	Abdominal pull-through operation without lymph node dissection
Q2927	Lower anterior resection with colonic pouch
Q0292	Ultra-lower anterior resection with intersphincteric resection
QA928	Ultra-lower anterior resection with lymph node dissection
Q2928	Ultra-lower anterior resection without lymph node dissection
QA925	Total colectomy (ileal pouch) with lymph node dissection