

Colorectal cancer therapeutic development map

Subject*	Standard treatment in Japan		Completed trials		Ongoing trials	
	Colon or upper rectum	Lower rectum	Colon or upper rectum	Lower rectum	Colon or upper rectum	Lower rectum
Stage 0/I	EMR/ESD Surgery (Open /Laparoscopy)	EMR/ESD Surgery (Open /Laparoscopy)				JCOG1612 High-risk T1 after LE ¹⁾ Cape ²⁾ + radiotherapy 2019.1 ~ Recruiting
Stage II	Surgery (Conventional ³⁾) 	Surgery (TME ⁴⁾ +LLND ⁵⁾) 	JCOG0404 Open vs. Laparoscopic surgery ~ 2009.3 2015.1 	JCOG0212 TME +LLND vs. TME alone 2009.3 2014.11 	JCOG1805 High-risk Stage II Surgery alone vs. Surgery+adjuvant Cape vs. Surgery+adjuvant CapeOX Not yet recruiting 	
Stage III	Surgery (Open) (Conventional) +adjuvant chemotherapy • 5FU+LV • UFT+LV • Cape • FOLFOX • CapeOX	Surgery (Open) (TME+LLND) +adjuvant chemotherapy • 5FU+LV • UFT+LV • Cape • FOLFOX • CapeOX	JCOG0205 Adjuvant 5FU+LV vs. UFT+LV 2003.2 2006.11 	JCOG0910 Adjuvant Cape vs. S-1 ~ 2013.8 2018.8 	JCOG1006 Conventional vs. NTIT ⁶⁾ ~ 2015.11 Ongoing, not recruiting Presented at ASCO 2019 	JCOG1310 Surgery +adjuvant mFOLFOX6 vs. +perioperative mFOLFOX6 ~ 2019.5 Terminated 

1) LE: Local excision

2) Cape: Capecitabine

3) Conventional: Procedure which gives first priority to mobilization of the tumor-bearing segment of the colon, which is followed by central vascular ligation and ligation of other vasculature

4) TME: Total mesorectal excision

5) LLND: Lateral lymph node dissection

6) NTIT (No-touch isolation technique): Procedure which gives first priority to central vascular ligation, which is followed by mobilization of the tumor bearing segment of the colon

*According to the Japanese Classification of Colorectal Carcinoma 9th edition

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Stage IV Resectable liver metastases	Surgery (primary tumor resection+hepatectomy)		JCOG0603 Hepatectomy alone vs. Hepatectomy + adjuvant mFOLFOX6 ~ 2019.1 Active, not recruiting 	
Stage IV Unresectable disease: without symptoms	Chemotherapy		JCOG1007 Chemotherapy vs. Primary tumor resection + chemotherapy  ~ 2019.9 Terminated	
Stage IV Unresectable disease: with symptoms	Primary tumor resection + chemotherapy		JCOG1107  Primary tumor resection Open vs. Laparoscopic surgery 2013.1 ~ Recruiting	
Stage IV Unresectable/recurrent disease: elderly	Chemotherapy		JCOG1018 5-FU based chemotherapy+Bevacizumab Additional oxaliplatin (-) vs. (+)  2012.9 ~ Recruiting	
Locally recurrent disease Resectable	Surgery + adjuvant chemotherapy • 5FU+LV • FOLFOX • Capecitabine • CapeOX		JCOG1801 Surgery + adjuvant chemotherapy vs. Neoadjuvant chemoradiation+surgery+adjuvant chemotherapy 2019.8 ~ Recruiting 	

Anal cancer therapeutic development map

Subject*	Standard Treatment	Ongoing trials
Stage II/III	Chemoradiotherapy (Western countries)	JCOG0903 S-1+Mitomycin C+radiotherapy ~ 2015.3 Ongoing, not recruiting Presented at ASCO GI 2019 

1) DW-MRI: Diffusion-weighted magnetic resonance imaging

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