

Supplementary Digital Content 1. ICD-9-CM, NHI code and definition

ICD-9-CM, NHI code and definition	
	ICD-9-CM / NHI code / definition
Study population	
Colorectal cancer	153-154.1
Surgery	OP45.21, OP45.71-OP45.76, OP45.79, OP45.8, OP48.4-OP48.6
Excluding: Other cancers	140-239, excluding colorectal cancer
Treatment	Within 6-months after colorectal cancer surgery
Oral	Uracil-tegafur
Injection	5-Fluorouracil
Events: Prognosis	
Recurrence	196.1-198.89
Mortality	
Comorbidities	
Hypertension (HTN)	401-405
Diabetes mellitus (DM)	250
Chronic obstructive pulmonary disease (COPD)	490-496
Chronic kidney disease (CKD)	585
Ischemic heart disease (IHD)	410-414
Congestive heart disease (CHD)	428-429
Stroke	430-438
Charlson comorbidity index revised (CCI_R)	CCI removed cancer, HTN, DM, COPD, CKD, IHD, CHD, and stroke