

Supplementary Table1 Asia-Pacific Risk Score for colorectal cancer

Risk factor	Criteria	Points
Age	<50	0
	50-69	2
	≥70	3
Sex	Female	0
	Male	1
Family history of CRC in a first-degree relative	Absent	0
	Present	2
	Never	0
Smoking	Current or past	1

CRC: Colorectal cancer.

Supplementary Table 2 Patient Characteristics, APCS Scores, and colonoscopic findings in the study population from different sites, *n* (%)

Site			N	Male	Mean age year (SD)	APCS			Colonoscopic findings		
						AR	MR	HR	Negative	Advanced adenoma	Colorectal cancer
Beijing Chest Hospital			93	31 (33.3)	57.5 (7.9)	13 (14.0)	62 (66.7)	18 (19.4)	85 (91.4)	8 (8.6)	0 (0)
Wuhai Hospital			238	89 (37.4)	56.7 (7.9)	27 (11.3)	148 (62.2)	63 (26.5)	189 (79.4)	45 (18.9)	4 (1.7)
Taizhou Hospital	Fourth	People's	1099	698 (63.5)	53.6 (9.3)	330 (30.0)	545 (49.6)	224 (20.4)	1019 (92.7)	73 (6.6)	7 (0.6)

APCS: Asia-Pacific Colorectal Screening; AR: Average risk; MR: Moderate risk; HR: High risk.

Supplementary Table 3 Patient Characteristics, APCS Scores, and colonoscopic findings in the study population from different TCM constitutions, *n* (%)

TCM constitution	<i>n</i>	Male	Mean age year (SD)	APCS			Colonoscopic findings		
				AR	MR	HR	Negative	Advanced adenoma	Colorectal cancer
Yang-deficiency	68	32 (52.9)	56.0 (7.8)	10 (14.7)	30 (44.1)	28 (41.2)	54 (79.4)	13 (19.1)	1 (1.5)
Damp-heat	78	58 (74.4)	57.6 (9.3)	7 (9.0)	33 (42.3)	38 (48.7)	52 (66.7)	19 (24.4)	7 (9.0)
Qi-deficiency	57	40 (70.2)	57.4 (8.9)	6 (10.5)	21 (36.8)	30 (52.6)	40 (70.2)	17 (29.8)	0 (0)
Qi stagnation	26	14 (53.8)	56.1 (9.1)	5 (19.2)	13 (50.0)	8 (30.8)	22 (84.6)	4 (15.4)	0 (0)
Phlegm-dampness	71	50 (70.4)	59.1 (9.2)	11 (15.5)	19 (26.8)	41 (57.7)	54 (76.1)	16 (22.5)	1 (1.4)
Blood stasis	27	17 (63.0)	59.9 (8.4)	2 (7.4)	9 (33.3)	16 (59.3)	22 (81.5)	5 (18.5)	0 (0)
Yin-deficiency	47	21 (44.7)	55.3 (8.3)	6 (12.8)	32 (68.1)	9 (19.1)	42 (89.4)	5 (10.6)	0 (0)
Inherited special	16	9 (56.3)	59.2 (10.9)	2 (12.5)	8 (50.0)	6 (37.5)	13 (81.3)	3 (18.8)	0 (0)
balanced	1040	577 (55.5)	53.2 (9.0)	321 (30.9)	590 (56.7)	129 (12.4)	994 (95.6)	44 (4.2)	2 (0.2)

APCS: Asia-Pacific Colorectal Screening; AR: Average risk; MR: Moderate risk; HR: High risk; TCM: Traditional Chinese medicine.