

Table S1 Preoperative waiting time and length of hospital stay across the comparison groups

Category	N	Preoperative waiting time (hours)					Length of staying (days)				
		Mean	Min.	Max.	SD	ANOVA F test	Mean	Min.	Max.	SD	ANOVA F test
Category 1											
2019*	415	158.518	1.823	1,031.621	106.317	23.56 (P<0.001)	15.400	5.000	103.000	8.836	1.197 (P=0.274)
2020*	550	127.681	2.083	718.653	90.659		15.182	8.000	36.000	7.563	
Total	965	140.943	1.823	1,031.621	98.835		16.981	2.000	103.000	9.197	
Category 2											
2019 [†]	130	133.060	31.043	507.404	83.703	9.143 (P=0.003)	14.969	7.000	103.000	9.342	0.424 (P=0.516)
2020 [†]	307	106.822	2.653	498.095	82.597		15.567	5.000	66.000	8.524	
Total	437	114.628	2.653	5.074	83.697		15.389	5.000	103.000	8.768	
Category 3											
2020 CCC	307	106.822	2.653	498.095	82.597	39.350 (P<0.001)	15.567	5.000	66.000	8.524	10.850 (P<0.001)
2020 none-CCC	243	154.035	2.083	718.653	93.647		18.132	2.000	93.000	9.718	
Total	550	127.681	2.083	718.653	90.659		16.700	2.000	103.000	9.151	
Category 4											
2020 CCC-express	81	24.502	2.653	47.421	13.566	169.500 (P<0.001)	10.963	5.000	43.000	7.476	35.740 (P<0.001)
2020 CCC-normal	226	136.326	48.170	498.095	76.804		17.217	7.000	66,000	8.281	
Total	307	106.822	2.653	498.095	82.597		15.567	5.000	66.000	8.524	

*, comparison between the outcomes from March 1 to December 31, 2019, with those from March 1 to December 31, 2020; [†], the data from Dr. Liu's team for a comparison across the same two time periods (March 1 to December 31, 2019 vs. March 1 to December 31, 2020). ANOVA, analysis of variance; SD, standard deviation; CCC, colorectal cancer center.

Table S2 Per capita hospitalization cost for inpatient colorectal cancer patients

Category	N	Total inpatient cost			Cost of prescription drugs			Cost of consumables			Cost of testing			Cost of physician/nurse services		
		Mean	SD	ANOVA F test	Mean	SD	ANOVA F test	Mean	SD	ANOVA F test	Mean	SD	ANOVA F test	Mean	SD	ANOVA F test
Category 1																
2019*	415	80,589.203	43,926.699	2.630	18,366.812	27,155.279	1.501	25,762.585	10,140.882	4.515	20,980.016	7,542.049	0.162	13,213.458	4,986.698	4.857
2020*	550	76,589.928	32,671.914	(P=0.105)	16,557.339	18,673.929	(P=0.221)	24,333.389	10,493.963	(P=0.033)	20,798.968	6,369.950	(P=0.686)	12,610.211	3,511.510	(P=0.028)
Total	965	78,309.824	37,954.042		17,335.506	22,717.522		24,948.018	10,362.493		20,876.828	6,895.296		12,869.639	4,217.951	
Category 2																
2019 [†]	130	76,553.494	36,233.173	1.048	14,531.905	16,052.412	0.127	27,609.098	11,079.187	5.198	20,201.623	7,153.474	0.255	12,207.692	5,015.475	0.738
2020 [†]	307	73,587.228	23,158.989	(P=0.306)	14,058.612	10,902.085	(P=0.721)	25,054.252	10,548.662	(P=0.023)	20,529.589	5,752.880	(P=0.613)	11,893.976	2,589.622	(P=0.397)
Total	437	74,469.641	27,689.297		14,199.409	12,637.404		25,814.275	10,760.165		20,432.025	6,196.014		11,987.301	3,488.533	
Category 3																
2020 CCC	307	73,587.228	23,158.989	5.921	14,058.612	10,902.085	12.706	25,054.252	10,548.662	3.292	20,529.589	5,752.880	1.243	11,893.976	2,589.622	30.459
2020 none-CCC	243	80,383.463	41,443.358	(P=0.153)	19,714.167	24,957.541	(P=0.000)	23,422.669	10,374.530	(P=0.070)	21,139.294	7,070.684	(P=0.265)	13,515.083	4,245.085	(P<0.001)
Total	550	76,589.928	32,671.913		16,557.339	18,673.929		24,333.389	10,493.964		20,798.968	6,369.950		12,610.211	3,511.510	
Category 4																
2020 CCC-express	81	70,276.564	20,464.528	2.258	11,950.378	9,978.759	4.157	26,895.229	8,022.206	3.377	19,046.716	5,214.601	7.465	11,024.012	2,537.594	12.900
2020 CCC-normal	226	74,773.793	23,982.394	(P=0.134)	14,814.219	11,138.455	(P=0.042)	24,394.433	11,260.264	(P=0.067)	21,061.062	5,853.754	(P=0.007)	12,205.778	2,541.787	(P<0.001)
Total	307	73,587.228	23,158.989		14,058.612	10,902.085		25,054.252	10,548.662		20,529.589	5,752.880		11,893.976	2,589.622	

*, comparison between the outcomes from March 1 to December 31, 2019, with those from March 1 to December 31, 2020; [†], the data from Dr. Liu's team for a comparison across the same two time periods (March 1 to December 31, 2019 vs. March 1 to December 31, 2020). ANOVA, analysis of variance; SD, standard deviation; CCC, colorectal cancer center.

Table S3 Per capita out-of-pocket cost for inpatient colorectal cancer patients

Category	N	TIC	OOP	SD	ANOVA F test
Category 1					
2019*	415	33,444,519.42	44.087%	0.28499	3.360 (P=0.067)
2020*	550	42,124,460.63	40.877%	0.25689	
Total	965	75,568,980.05	42.257%	0.26966	
Category 2					
2019 [†]	130	9,951,954.20	42.803%	0.26131	2.292 (P=0.131)
2020 [†]	307	22,591,279.00	38.958%	0.23443	
Total	437	32,543,233.20	40.102%	0.24307	
Category 3					
2020 CCC	307	22,591,279.00	38.958%	0.23443	3.896 (P=0.049)
2020 none-CCC	243	19,533,181.63	43.300%	0.28135	
Total	550	42,124,460.63	40.876%	0.256892	
Category 4					
2020 CCC-express	81	5,692,401.70	42.668%	0.24788	2.772 (P=0.096)
2020 CCC-normal	226	16,898,877.30	37.628%	0.22852	
Total	307	22,591,279.00	38.958%	0.23443	

*, comparison between the outcomes from March 1 to December 31, 2019, with those from March 1 to December 31, 2020; [†], the data from Dr. Liu's team for a comparison across the same two time periods (March 1 to December 31, 2019 vs. March 1 to December 31, 2020). TIC, total inpatient cost; OOP, out-of-pocket; ANOVA, analysis of variance; SD, standard deviation; CCC, colorectal cancer center.

Table S4 Covariance tests of out-of-pocket cost for inpatient colorectal cancer patients

Category	F value	P
Category 1		
Insurance	-	-
Age	-	-
Year	-	-
Category 2		
Insurance	-	-
Age	-	-
Year	-	-
Category 3		
Insurance	936.161	<0.001***
Age	4.293	0.039*
CCC	2.796	0.095
Category 4		
Insurance	-	-
Age	-	-
Express	-	-

*, P<0.05; ***, P<0.001. CCC, colorectal cancer center.