

ORIGINAL RESEARCH ARTICLE

Clinical and oncological outcomes in colon cancer: Impact of tumor location and family history in a retrospective cohort

Supplementary File
Table S1. Mean and median of survival time

Survival time	Mean	Median
Year	4.58 (4.42–4.73)	4.64 (4.44–4.84)

Table S2. Cox proportional hazards model for overall survival duration

Variable	HR	95% CI	<i>p</i> -value
Age, years	1.00	0.97–1.03	0.774
T-protein, g/L	1.05	1.00–1.11	0.072
Tumor size, cm	1.02	0.94–1.10	0.659
Sex			
Male	1.00	Reference	
Female	1.01	0.45–2.32	0.972
Family history			
No	1.00	Reference	
Yes	0.93	0.40–2.15	0.862
Smoking status			
No	1.00	Reference	
Yes	0.57	0.20–1.62	0.292
Liver resection			
No	1.00	Reference	
Yes	0.18	0.09–0.38	< 0.001
Chemotherapy times			
No chemotherapy	1.00	Reference	
1–4 times	0.40	0.13–1.20	0.102
5–8 times	0.09	0.01–0.26	< 0.001
>8 times	0.09	0.01–1.08	0.057
Cell differentiation			

(cont'd...)

Table S2. (Continued)

Variable	HR	95% CI	p-value
Well	1.00	Reference	
Moderate	1.14	0.48–2.72	0.775
Poorly	1.80	0.63–5.19	0.274
<i>In situ</i>	0.01	0.00–0.01	0.980
Tumor stage			
Early stages	1.00	Reference	
Advanced stages	1.71	0.45–6.50	0.430
Blood loss			
<110 mL	1.00	Reference	
>110 mL	0.89	0.40–1.95	0.769
Colon cancer			
LCC	1.00	Reference	
RCC	2.88	1.32–6.31	0.008
Post-operation complication			
No	1.00	Reference	
Yes	0.69	0.19–2.51	0.576

Abbreviations: CI: Confidence interval; HR: Hazard ratio; LCC: Left colon cancer; RCC: Right colon cancer.

Table S3. Tumor location effects stratified by cancer stages

Location	Tumor stages				p
	T1	T2	T3	T4	
Caecum	0	2 (16.7)	20 (26.3)	3 (18.8)	
Ascending	2 (50)	3 (25)	13 (17.1)	2 (12.5)	
Transversus	1 (25)	1 (8.3)	5 (6.6)	1 (6.3)	
Descending	0	0	8 (10.5)	2 (12.5)	0.648
Sigmoid	1 (25)	3 (25)	14 (18.4)	4 (25.0)	
Rectum	0	3 (25)	16 (21.1)	3 (18.8)	
Anus	0	0	0	1 (6.3)	

Notes: χ^2 test; Data described as numbers and percentages.

Table S4. Family history

Family history	n (%)
Parents	18 (80%)
Siblings	4 (20%)

Table S5. Correlation between tumor stages and chemotherapy, controlled for tumor location and family history

Variable	Tumor stages	p
Chemotherapy use	-0.213	0.028