

COX REGRESSION FOR SURGICAL RECURRENCE

VARIABLE	UNIVARIATE REGRESSION			MULTIVARIATE REGRESSION		
	HR	95% CI	p	HR	95% CI	p
Duration of surgery (minutes)	1.002	0.999-1.004	0.136	1.002	0.999-1.004	0.222
Surgical approach (Open)	1.665	1.126-2.461	0.011	1.756	1.148-2.687	0.009
BMI	0.991	0.946-1.019	0.527	0.993	0.971-1.017	0.578
Gender (Male)	0.669	0.462-0.970	0.034	0.613	0.419-0.898	0.012
Smoking status (non-smoker)	0.663	0.458-0.962	0.030	0.659	0.452-0.959	0.029
Microscopically positive resection margins	1.718	1.187-2.489	0.004	1.574	1.075-2.305	0.020
Ileocolic resection (None)	0.951	0.646-1.399	0.798	0.627	0.358-1.098	0.103
Right hemicolectomy (None)	0.662	0.404-1.084	0.101	0.498	0.256-0.972	0.041
Anastomotic resection	0.900	0.584-1.388	0.634	0.878	0.503-1.534	0.647
Isolated colonic resection	1.142	0.690-1.890	0.606	1.208	0.640-2.280	0.560
Age at time of surgery (years)	0.995	0.981-1.010	0.517			
Number of anastomoses	0.908	0.558-1.477	0.697			
Strictureplasty	1.097	0.907-1.327	0.339			
Major complication	1.216	0.615-2.402	0.574			
Disease duration (years)	1.006	0.986-1.027	0.554			
Previous surgeries	1.021	0.869-1.200	0.800			
TNFi (post operation)	1.246	0.576-2.692	0.577			

Table 3. Cox proportional hazards models of time until surgical recurrence.

Abbreviations: BMI body mass index; CI Confidence interval; HR hazard ratio; TNFi tumor necrosis factor alpha inhibitor