

Appendix 1 to Meschino MT, Giles AE, Rice TJ, et al. Operative timing is associated with increased morbidity and mortality in patients undergoing emergency general surgery: a multisite study of emergency general surgery services within a single academic network. *Can J Surg* 2020.

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Supplementary Table S1: Sensitivity Analyses for Complications

Factor	No Time to Operation Exclusion				>10 Days to Operation Excluded				Diseases with Anticipated Preop Delay Excluded			
	Odds Ratio	Lower CI	Upper CI	<i>p</i> -value	Odds Ratio	Lower CI	Upper CI	<i>p</i> -value	Odds Ratio	Lower CI	Upper CI	<i>p</i> -value
Age (deciles)	1.38	1.28	1.48	<0.001	1.40	1.29	1.52	<0.001	1.42	1.29	1.56	<0.001
Male Sex (ref F)	1.21	0.93	1.57	0.16	1.24	0.94	1.64	0.13	1.34	0.96	1.88	0.09
Disease Type												
Cholecystitis (ref)	-	-	-	-	-	-	-	-	-	-	-	-
Choledocholithiasis	0.99	0.47	2.06	0.97	0.94	0.42	2.08	0.88	/	/	/	/
Appendicitis	1.25	0.80	1.94	0.32	1.29	0.81	2.04	0.29	1.29	0.78	2.13	0.32
Large Bowel Disease	3.56	2.37	5.36	<0.001	3.47	2.25	5.36	<0.001	4.08	2.57	6.50	<0.001
Small Bowel Disease	4.85	3.16	7.46	<0.001	4.87	3.08	7.70	<0.001	/	/	/	/
Hernia	1.51	0.90	2.52	0.12	1.60	0.94	2.73	0.08	1.86	1.07	3.24	0.03
Perianal Disease	0.78	0.36	1.70	0.53	0.60	0.24	1.49	0.27	0.67	0.27	1.68	0.40
Gastric Disease	4.97	2.60	9.52	<0.001	5.34	2.69	10.61	<0.001	5.28	2.57	10.87	<0.001
Breast Disease	1.19	0.14	10.37	0.87	1.14	0.13	9.94	0.91	/	/	/	/
Time to Operation												
<24 hours (ref)	-	-	-	-	-	-	-	-	-	-	-	-
24-48 hours	1.26	0.90	1.76	0.18	1.22	0.87	1.71	0.25	1.32	0.90	1.94	0.16
>72 hours	2.52	1.83	3.46	<0.001	1.83	1.28	2.62	<0.001	1.91	1.19	3.07	0.01
Time of Operation												

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24-48 hours	0.79	0.37	1.68	0.54	0.84	0.40	1.79	0.65	0.71	0.28	1.78	0.46
>72 hours	2.11	1.14	3.91	0.02	1.23	0.59	2.57	0.58	1.63	0.63	4.22	0.32
Time of Operation												
Daytime (ref)	-	-	-	-	-	-	-	-	-	-	-	-
After-Hours	1.22	0.67	2.22	0.51	1.56	0.77	3.18	0.22	1.44	0.59	3.53	0.42
Overnight	3.10	1.54	6.25	<0.001	2.92	1.27	6.70	0.01	2.87	1.03	7.98	0.04

CI: Confidence Interval; ref: reference; F: female; /: excluded