Appendix 3 to Johnson G, Ziegler J, Helewa R, et al. Impact of the acute care surgery model on resident operative experience in emergency general surgery. *Can J Surg* 2023. Copyright © 2023 The Author(s) or their employer(s). To receive this resource in an accessible format, please contact us at cmajgroup@cmaj.ca.

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Appendix 3: Sensitivity analysis with Taylor et al. outcomes censored for surgical site infections (SSI)

A. Total SSI	Oral antibiotics		No oral antibiotics		Risk Ratio		Risk Ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% Cl	M-H, Random, 95% CI		
Anjum 2017	8	95	26	95	42.0%	0.31 [0.15, 0.64]			
Basany 2020	13	283	30	282	58.0%	0.43 [0.23, 0.81]			
Taylor 1994	30	189	66	192	0.0%	0.46 [0.32, 0.68]			
Total (95% CI)		378		377	100.0%	0.37 [0.23, 0.60]	◆		
Total events	21		56						
Heterogeneity: Tau ² = Test for overall effect:	,	,	,	9); I ² =	0%		0.01 0.1 1 10 Favours [experimental] Favours [control]	100	
B. Superficial SSI Oral antibiotics No oral antibiotics					Risk Ratio	Risk Ratio			
Study or Subgroup	Events	Total	Events		Weight	M-H, Random, 95% CI	M–H, Random, 95% Cl		
Anjum 2017	6	95	22	95	67.8%	0.27 [0.12, 0.64]			
Basany 2020	3	283	13	282	32.2%	0.23 [0.07, 0.80]	_		
Taylor 1994	18	189	33	192	0.0%	0.55 [0.32, 0.95]			
Total (95% CI)		378		377	100.0%	0.26 [0.13, 0.52]	◆		
Total events	9		35						
Heterogeneity: Tau ² = 0.00; Chi ² = 0.05, df = 1 (P = 0.82); $I^2 = 0\%$							0.01 0.1 1 10	100	
Test for overall effect:	Z = 3.76 (F	P = 0.000)2)				Favours [experimental] Favours [control]	100	
C. Organ/space SSI Oral antibiotics No oral antibiotics						Risk Ratio	Risk Ratio		
Study or Subgroup	Events	Total	Events	Total	Weight	M-H, Random, 95% CI	M-H, Random, 95% CI		
Anjum 2017	0	95	4	95	24.5%	0.11 [0.01, 2.04]	← ■ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓		
Basany 2020	5	283	7	282	75.5%	0.71 [0.23, 2.22]			
Taylor 1994	4	189	19	192	0.0%	0.21 [0.07, 0.62]	_		
Total (95% CI)		378		377	100.0%	0.45 [0.09, 2.26]			
Total events	5		11						
Heterogeneity: Tau ² = 0.56; Chi ² = 1.44, df = 1 (P = 0.23); I ² = 31% Test for overall effect: Z = 0.97 (P = 0.33)							0.01 0.1 1 10 Favours [experimental] Favours [control]	100	