Supplemental material

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Gut

Study or Subgroup	Susceptibility-guided Events	Total	Empiric regimen Events	Total	Weight	Risk Ratio M-H, Random, 95% CI
Bonoso (a) 2021	39	43	43	45	8.0%	0.95 [0.85, 1.06]
Cha 2021	118	147	142	161	9.0%	0.91 [0.83, 1.00]
Chen 2019	262	286	82	96	9.5%	1.07 [0.98, 1.17]
Choe (c) 2021	55	60	15	17	4.7%	1.04 [0.86, 1.26]
Choi 2019	48	50	98	104	10.5%	1.02 [0.95, 1.10]
Choi 2021	91	110	88	107	7.6%	1.01 [0.89, 1.14]
Cosme 2016	98	104	103	118	9.9%	1.08 [0.99, 1.17]
Dong 2015	41	45	33	45	4.5%	1.24 [1.02, 1.52]
Molina-Infante 2012	69	87	182	209	7.8%	0.91 [0.81, 1.03]
Ong 2019	164	201	169	196	9.8%	0.95 [0.87, 1.03]
Pan 2020	238	310	100	157	7.1%	1.21 [1.06, 1.38]
Zhuo 2015	281	313	405	500	11.6%	1.11 [1.05, 1.17]
Total (95% CI)		**1756**		**1755**	**100.0%**	**1.03 [0.98, 1.08]**
Total events	1504		1460			

Heterogeneity: Tau² = 0.01; Chi² = 33.47, df = 11 (P = 0.0004); I² = 67%
Test for overall effect: Z = 1.07 (P = 0.29)

Favours empiric   Favours susceptibility