

Table S1: Sensitivity Analysis of SN-5 (Participants prescribed omeprazole only)

SN-5 Components, median (IQR)	Conventional Dosing n=16	Genotype Guided Dosing n=14	p-value (unadjusted)	p-value ^a
Sinus Infection	2.5 (1.0, 3.0)	1.0 (1.0, 3.0)	0.29	0.48
Nasal Obstruction	3.0 (1.0, 4.0)	1.0 (1.0, 2.0)	0.09	0.02
Allergy Symptoms	3.0 (2.0, 4.0)	1.0 (1.0, 2.0)	0.002	0.0004
Emotional Distress	3.5 (1.0, 5.0)	1.5 (1.0, 3.0)	0.14	0.63
Activity Limitations	1.0 (1.0, 3.0)	1.0 (1.0, 1.0)	0.04	0.06
SN-5 Score	2.7 (2.3, 3.5)	1.8 (1.0, 2.2)	0.003	0.002

^aadjusted for baseline score, race, baseline PPI use, baseline H2RA use
IQR, inter quartile range