

**Supplemental Digital Content 4: Primary and Secondary Study Outcomes Grouped by
MTHFR Genotype in the Nitrous Oxide-free Reference Group**

		Nitrous Oxide - free (n = 125)
Cardiac Troponin Elevation	Homozygous	2 (13.3%)
	Wildtype/Het.	15 (12.7%)
<i>Sub-Total</i>		17 (13.6%)
Myocardial Infarction	Homozygous	1 (6.7%)
	Wildtype/Het.	7 (6.4%)
<i>Sub-Total</i>		8 (6.4%)
Length of Stay (days)	Median [IQR]	3 [2 – 6]

Homozygousv = *MTHFR* 677TT or 1298CC patients; IQR = interquartile range; wildtype and het. (=heterozygous) = *MTHFR* 677CC and TT; and 1298 AA and AC.