

Supplemental Digital Content 2: Baseline Characteristics in the Nitrous Oxide-free Reference Group

	No Nitrous Oxide (N = 125)
Mean age - yr	67.6 ± 10.9
Mean weight - kg	88.7 ± 21.8
Female Sex – no. (%)	45 (36.0%)
Race – no. (%)	
White	104 (83.9%)
Black	20 (16.1%)
Other	
Smoking history – no. (%)	94 (75.2%)
Diabetes – no. (%)	39 (31.2%)
Hypertension – no. (%)	100 (80.0%)
Chronic renal failure – no. (%)	16 (12.9%)
On haemodialysis – no. (%)	1 (0.8%)
Coronary artery disease – no. (%)	84 (67.2%)
Congestive heart failure – no. (%)	15 (12.0%)
Peripheral vascular disease – no. (%)	44 (35.2%)
ASA status – no. (%)	
I	0
II	11 (8.8%)
III	106 (84.8%)
IV	8 (6.4%)
Lee's revised cardiac risk index (mean)	2.1 ± 0.8
Median serum vitamin B ₁₂ pg/mL (IQR)	373 (286 – 580)
Median serum folate ng/mL (IQR)	16.2 (11.7 – 29.7)
Mean plasma total homocysteine µmol/L	11.6 ± 4.2
Median serum high-sensitivity troponin T ng/L (IQR)	13.3 (9.5 – 19.6)

<i>MTHFR</i> C677T (rs1801133)	
677CC	57 (55.9%)
677CT	37 (36.3%)
677TT	8 (7.8%)
<i>MTHFR</i> A1298C (rs1801131)	
1298AA	50 (49.0%)
1298AC	45 (44.1%)
1298CC	7 (6.9%)
Surgical Procedure	
Vascular	53 (42.4%)
Orthopedic	25 (20 %)
ENT	17 (13.6%)
Gyn	8 (6.4%)
Urology	6 (4.8%)
Neurosurgery	16 (12.8%)

ASA = American Society of Anesthesiologists; ENT = ear, nose, and throat; Gyn = gynecology; IQR = interquartile range.