

Hypoxia MAP Data Dictionary

Position	Variable	Variable Label	Units	Codes
1	Age	Age	years	
2	Female	Female sex at birth		0 = male; 1 = female
3	Race	Race		1 = African American; 2 = Caucasian; 3 = Other
4	BMI	Body Mass Index	kg/m ²	
5	Sleeptime	Time spent at Sao ₂ < 90%	% of total sleep time	
6	Min Sao2	Minimum nocturnal Sao ₂	%	
7	AHI	Apnea/Hypopnea index (AHI)		1 = (AHI < 5); 2 = (5 ≤ AHI < 15); 3 = (15 ≤ AHI < 30); 4 = (AHI ≥ 30)
8	Smoking	Current smoker		0 = no; 1 = yes
9	Diabetes	Diabetes		0 = no; 1 = yes
10	Hyper	Hypertension		0 = no; 1 = yes
11	CAD	Coronary artery disease		0 = no; 1 = yes
12	Preop AntiHyper Med	Antihypertensive medication preoperatively		0 = no; 1 = yes
13	CPAP	Continuous positive airway pressure therapy		0 = no; 1 = yes
14	Type Surg	Type of surgery		1 = gastroenterostomy; 2 = gastric restrictive procedure; 3 = gastroplasty; 4 = removal of gastric restrictive device
15	Duration of Surg	Duration of surgery	hours	
16	Duration of Surg1	Duration of surgery from ET intubation to trocar insertion	hours	
17	Duration of Surg2	Duration of surgery from trocar insertion to end of case	hours	
18	TWA MAP	TWA of MAP during surgery	mmHg	
19	TWA MAP1	TWA of MAP from ET intubation to trocar insertion	mmHg	
20	TWA MAP2	TWA of MAP from trocar insertion to end of case	mmHG	
21	TWA HR	TWA of heart rate during surgery	beats/min	
22	TWA HR1	TWA of heart rate from ET intubation to trocar insertion	beats/min	

ET = endotracheal; MAC = minimum alveolar concentration; MAP = mean arterial pressure;
Sao₂ = oxyhemoglobin saturation; TWA = time-weighted average.



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**Hypoxia MAP
Data Dictionary – continued.**

Position	Variable	Variable Label	Units	Codes
23	TWA HR2	TWA of heart rate from trocar insertion to end of case	beats/min	
24	Intraop AntiHyper Med	Antihypertensive medication intraoperatively		0 = no; 1 = yes
25	Vasopressor	Usage of vasopressors		0 = no; 1 = yes
26	Ephedrine	Usage of ephedrine		0 = no; 1 = yes
27	Ephedrine Amt	Amount of ephedrine	mg	
28	Epinephrine	Usage of epinephrine		0 = no; 1 = yes
29	Epinephrine Amt	Amount of epinephrine	mg	
30	Phenylephrine	Usage of phenylephrine		0 = no; 1 = yes
31	Phenylephrine Amt	Amount of phenylephrine	µg	
32	MAC	Amount of anesthetic gas	MAC hours	
33	Propofol Induction	Propofol at induction	mg	
34	IV Morphine Eq	Opioids (IV morphine equivalent)	mg	
35	Crystalloids	Crystalloids	mL	
36	Colloids	Colloids	mL	

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SaO₂ = oxyhemoglobin saturation; TWA = time-weighted average.

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