

DUE: Thursday of week 2

Instructional Module 7: ABG Practice 1

Student Name: Brute - M - ABC 1

AT: 7.35 - 7.45
 CO₂: 35 - 45
 O₂: 22 - 26

Date: 8/25/22

1		2		3	
pH	7.38 (N) ↓	pH	7.60 ↑	pH	7.37 (N) ↓
PaCO ₂	30mmHg ↓	PaCO ₂	25mmHg ↓	PaCO ₂	59 mmHg ↑
HCO ₃	10mEq/L ↓	HCO ₃	24mEq/L (N)	HCO ₃	34mEq/L ↑
pO ₂	60 Moderate	pO ₂	72 Mild	pO ₂	82 Normal
Interpretation:		Interpretation:		Interpretation:	
Metabolic Acidosis		Respiratory Alkalosis		Respiratory Acidosis	
Full Comp'd		No compensation		Fully compensated	
Moderate Hypoxemia		Mild Hypoxemia		Normal O ₂	

4		5		6	
pH	7.56 ↑	pH	7.34 ↓	pH	7.15 ↓
PaCO ₂	40mmHg (N)	PaCO ₂	50mmHg ↑	PaCO ₂	49 mmHg ↑
HCO ₃	38mEq/L ↑	HCO ₃	31mEq/L ↑	HCO ₃	25mEq/L (N)
pO ₂	59 Severe	pO ₂	65 Moderate	pO ₂	74 Mild
Interpretation:		Interpretation:		Interpretation:	
Metabolic Alkalosis		Respiratory Acidosis		Respiratory Acidosis	
Minimal compensation		Partial compensation		No compensation	
Severe Hypoxemia		Moderate Hypoxemia		Mild Hypoxemia	

NO

7		8		9	
pH	7.20 ↓	pH	7.54 ↑	pH	7.42 (N) ↑
PaCO ₂	30 mmHg ↓	PaCO ₂	44mmHg (N) ↑	PaCO ₂	38mmHg (N) ↓
HCO ₃	18mEq/L ↓	HCO ₃	36mEq/L ↑	HCO ₃	25.3mEq/L (N)
pO ₂	55 Severe	pO ₂	64 Moderate	pO ₂	92 Normal
Interpretation:		Interpretation:		Interpretation:	
Metabolic Acidosis		Metabolic Alkalosis		Normal ABG	
Partial compensation		No compensation			
Severe Hypoxemia		Moderate Hypoxemia			

10		11		12	
pH	7.31 ↓	pH	7.27 ↓	pH	7.55 ↑
PaCO ₂	33mmHg ↓	PaCO ₂	35mmHg (N) ↓	PaCO ₂	34mmHg ↓
HCO ₃	16mEq/L ↓	HCO ₃	10mEq/L ↓	HCO ₃	16.8mEq/L ↓
pO ₂	68 Moderate	pO ₂	78 Mild	pO ₂	91 Normal
Interpretation:		Interpretation:		Interpretation:	
Metabolic Acidosis		Metabolic Acidosis		Respiratory Alkalosis	
Partial compensation		No compensation		Partial compensation	
Moderate Hypoxemia		Mild Hypoxemia		Normal O ₂	