

Module 7: ABG Practice

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ABG Interpretation Practice worksheet (12 items)

1		2		3	
pH	7.38 NA	pH	7.60 B	pH	7.37 NA
PaCO ₂	30mmHg B	PaCO ₂	25mmHg B	PaCO ₂	59 mmHg A
HCO ₃	10mEq/L A	HCO ₃	24mEq/L N	HCO ₃	34mEq/L B
pO ₂	60 Moderate	pO ₂	72 Mild	pO ₂	82 Normal
Interpretation:		Interpretation:		Interpretation:	
Full compensation		No compensation		Full compensation	
Metabolic acidosis		Respiratory alkalosis		Respiratory acidosis	

4		5		6	
pH	7.56 B	pH	7.34 A	pH	7.15 A
PaCO ₂	40mmHg N	PaCO ₂	50mmHg A	PaCO ₂	49 mmHg A
HCO ₃	38mEq/L B	HCO ₃	31mEq/L B	HCO ₃	25mEq/L N
pO ₂	59 Severe	pO ₂	65 Moderate	pO ₂	74 Mild
Interpretation:		Interpretation:		Interpretation:	
No compensation		Partial compensation		No compensation	
Metabolic alkalosis		Respiratory acidosis		Respiratory acidosis	

7		8		9	
pH	7.20 A	pH	7.54 B	pH	7.42 NB
PaCO ₂	30 mmHg B	PaCO ₂	44mmHg N	PaCO ₂	38mmHg N
HCO ₃	18mEq/L A	HCO ₃	36mEq/L B	HCO ₃	25.3mEq/L N
pO ₂	55 Severe	pO ₂	64 Moderate	pO ₂	92 Normal
Interpretation:		Interpretation:		Interpretation:	
Partial compensation		No compensation		No compensation	
Metabolic acidosis		Metabolic alkalosis		Normal	

10		11		12	
pH	7.31 A	pH	7.27 A	pH	7.55 B
PaCO ₂	33mmHg B	PaCO ₂	35mmHg N	PaCO ₂	34mmHg B
HCO ₃	16mEq/L A	HCO ₃	10mEq/L A	HCO ₃	16.8mEq/L A
pO ₂	68 Moderate	pO ₂	78 Mild	pO ₂	91 Normal
Interpretation:		Interpretation:		Interpretation:	
Partial compensation		No Compensation		Partial compensation	
Metabolic acidosis		Metabolic acidosis		Respiratory alkalosis	