Module 7: ABG Practice

Submit your answers in **paper form** before the start of the class.
Student Name: _____ Date: _____

ABG Interpretation Practice worksheet (12 items)

1	2	3
pH 7.38	pH 7.60	pH 7.37
PaCO2 30mmHg	PaCO2 25mmHg	PaCO2 59 mmHg
HCO3 10mEq/L	HCO3 24mEq/L	HCO3 34mEq/L
pO2 60	pO2 72	pO2 82
Interpretation:	Interpretation:	Interpretation:
Fully compensated	Uncompensated	Fully compensated
Metabolic acidosis	Respiratory alkalosis	Respiratory acidosis
Moderate hypoxemia	With mild hypoxemia	Normal oxygenation

4	5	6
pH 7.56	pH 7.34	pH 7.15
PaCO2 40mmHg	PaCO2 50mmHg	PaCO2 49 mmHg
HCO3 38mEq/L	HCO3 31mEq/L	HCO3 25mEq/L
pO2 59	pO2 65	pO2 74
Interpretation:	Interpretation:	Interpretation:
uncompensated	Partially compensated	uncompensated
Metabolic alkalosis	Respiratory acidosis	Respiratory acidosis
Severe hypoxemia	Moderate hypoxemia	Mild hypoxemia

7	8	9
pH 7.20	pH 7.54	pH 7.42
PaCO2 30 mmHg	PaCO2 44mmHg	PaCO2 38mmHg
HCO3 18mEq/L	HCO3 36mEq/L	HCO3 25.3mEq/L
pO2 55	pO2 64	pO2 92
Interpretation:	Interpretation:	Interpretation:
Partially compensated	Partially compensated	Normal
Metabolic acidosis	Metabolic alkosis	
Severe hypoxemia	Moderate hypoxemia	

10	11	12
pH 7.31	pH 7.27	pH 7.55
PaCO2 33mmHg	PaCO2 35mmHg	PaCO2 34mmHg
HCO3 16mEq/L	HCO3 10mEq/L	HCO3 16.8mEq/L
pO2 68	pO2 78	pO2 91
Interpretation:	Interpretation:	Interpretation:
Partially compensated	Uncompensated	Partially compensated
Metabolic acidosis	Metabolic acidosis	Respiratory alkalosis
Moderate hypoxemia	Mild hypoxemia	Normal oxygenation