Instructional Module 7: ABG Practice 1

Student Name: Victoria Bororio   Date: 4/1/2025

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:**
Metabolic acidosis	Respiratory alkalosis	Respiratory acidosis
Fully compensated	uncompensated	Fully compensated
Moderate hypoxemia	Mild hypoxemia	Normal O2

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:**
Metabolic alkalosis	Respiratory acidosis	Respiratory acidosis
uncompensated	Partially compensated	uncompensated
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:**
Metabolic acidosis	Metabolic alkalosis	Respiratory alkalosis
Partially compensating	uncompensated	uncompensated
Severe hypoxemia	Moderate hypoxemia	Normal O2

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:**
Metabolic acidosis	Metabolic acidosis	Respiratory alkalosis
Partially compensating	uncompensated	Partially compensated
Moderate hypoxemia	Mild hypoxemia	Normal O2