Instructional Module 7: ABG Practice 1

<60
60-69
70-79
80-100

Student Name: Davy Gomez

Date: _____

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 MOD	pO2 72 mild	pO2 82 N
Interpretation:	**Interpretation:**	**Interpretation:**
Metabolic acidosis	Resp. ALK.	Resp acidosis
Fully comp.	No comp	Fully comp.
Moderate Hypoxia	Mild Hypoxia	N. 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 severe	pO2 65 mod	pO2 74 mild
Interpretation:	**Interpretation:**	**Interpretation:**
Metabolic ALK	Resp. Acidosis	Resp. Acidosis
NO comp.	~~Fully~~ partial comp	NO comp.
Severe Hypoxia	Moderate Hypoxia	Mild Hypoxia

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 severe	pO2 64 mod	pO2 92 N
Interpretation:	**Interpretation:**	**Interpretation:**
Metabolic Acidosis	Metabolic ALK.	Normal ABG
partial comp.	NO comp.	
severe Hypoxia	Moderate Hypoxia	

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 severe	pO2 78 mild	pO2 91 N
Interpretation:	**Interpretation:**	**Interpretation:**
Metabolic Acidosis	Metabolic Acidosis	Resp. ALK
partial comp.	NO comp.	partial comp.
Severe Hypoxia	Mild Hypoxia	Normal O2