

Instructional Module 7: ABG Practice 2

Student Name: _____

Date: _____

1		2		3	
pH	7.34	pH	7.33	pH	7.57
PaCO ₂	32.9 mmHg	PaCO ₂	41.3 mmHg	PaCO ₂	48 mmHg
HCO ₃	19.2 mEq/L	HCO ₃	21.4 mEq/L	HCO ₃	48.2 mEq/L
pO ₂	85.2	pO ₂	41	pO ₂	58.7
Interpretation:		Interpretation:		Interpretation:	

4		5		6	
pH	7.19	pH	7.09	pH	7.27
PaCO ₂	69.3 mmHg	PaCO ₂	12.4 mmHg	PaCO ₂	43 mmHg
HCO ₃	23 mEq/L	HCO ₃	5.1 mEq/L	HCO ₃	13.4 mEq/L
pO ₂	40.9	pO ₂	115.1	pO ₂	29.1
Interpretation:		Interpretation:		Interpretation:	

7		8		9	
pH	7.45	pH	7.29	pH	7.61
PaCO ₂	28 mmHg	PaCO ₂	79.5 mmHg	PaCO ₂	24 mmHg
HCO ₃	19.1 mEq/L	HCO ₃	37.1 mEq/L	HCO ₃	23 mEq/L
pO ₂	65.5	pO ₂	30	pO ₂	68
Interpretation:		Interpretation:		Interpretation:	

10		11		12	
pH	7.51	pH	7.39	pH	7.31
PaCO ₂	39.4 mmHg	PaCO ₂	39 mmHg	PaCO ₂	58.5 mmHg
HCO ₃	31.2 mEq/L	HCO ₃	23.4 mEq/L	HCO ₃	26 mEq/L
pO ₂	77.3	pO ₂	80	pO ₂	74.5
Interpretation:		Interpretation:		Interpretation:	

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13	14	15
pH 7.46	pH 7.44	pH 7.36
PaCO ₂ 34 mmHg	PaCO ₂ 27.8 mmHg	PaCO ₂ 75.1 mmHg
HCO ₃ 26 mEq/L	HCO ₃ 19.2 mEq/L	HCO ₃ 40.6 mEq/L
pO ₂ 43.8	pO ₂ 100	pO ₂ 65.2
Interpretation:	Interpretation:	Interpretation:

16	17	18
pH 7.44	pH 7.18	pH 7.36
PaCO ₂ 48 mmHg	PaCO ₂ 42 mmHg	PaCO ₂ 30 mmHg
HCO ₃ 32.6 mEq/L	HCO ₃ 15 mEq/L	HCO ₃ 15 mEq/L
pO ₂ 63.6	pO ₂ 68	pO ₂ 80
Interpretation:	Interpretation:	Interpretation:

19	20	21
pH 7.42	pH 7.52	pH 7.08
PaCO ₂ 39 mmHg	PaCO ₂ 47 mmHg	PaCO ₂ 36 mmHg
HCO ₃ 25.4 mEq/L	HCO ₃ 26.5 mEq/L	HCO ₃ 15 mEq/L
pO ₂ 92	pO ₂ 100	pO ₂ 54
Interpretation:	Interpretation:	Interpretation: