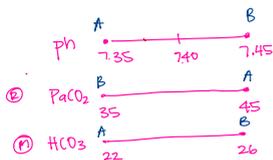


Instructional Module 7: ABG Practice 1

Student Name: Maame FORSON

Date: 1-23-2026



1		2		3	
pH	7.38	pH	7.60 B	pH	7.37 A
PaCO ₂	30mmHg	PaCO ₂	25mmHg A	PaCO ₂	59 mmHg A
HCO ₃	10mEq/L	HCO ₃	24mEq/L A	HCO ₃	34mEq/L B
pO ₂	60	pO ₂	72	pO ₂	82

Interpretation:
 metabolic acidosis
 fully compensated
 moderate = O₂

Interpretation:
 respiratory alkalosis
 no compensation
 mild = O₂

Interpretation:
 respiratory acidosis
 fully compensated
 normal = O₂

pO₂ = 80 - 100 N
 70 - 80 MILB
 60 - 70 MODERATE
 60 ↓ below SEVERE

4		5		6	
pH	7.56 B	pH	7.34 A (N)	pH	7.15
PaCO ₂	40mmHg N	PaCO ₂	50mmHg A	PaCO ₂	49 mmHg
HCO ₃	38mEq/L A	HCO ₃	31mEq/L B	HCO ₃	25mEq/L
pO ₂	59	pO ₂	65	pO ₂	74

Interpretation:
 metabolic alkalosis
 no compensation
 severe = O₂

Interpretation:
 respiratory acidosis
 fully compensation
 moderate = O₂

Interpretation:
 respiratory acid.
 no compen.
 mild = O₂

7		8		9	
pH	7.20	pH	7.54	pH	7.42 N (B)
PaCO ₂	30 mmHg	PaCO ₂	44mmHg	PaCO ₂	38mmHg N
HCO ₃	18mEq/L	HCO ₃	36mEq/L	HCO ₃	25.3mEq/L N
pO ₂	55	pO ₂	64	pO ₂	92 N

Interpretation:
 metabolic acid.
 partial compen.
 severe = O₂

Interpretation:
 metabolic alk.
 no compen.
 moderate = O₂

Interpretation:
 NORMAL

10		11		12	
pH	7.31	pH	7.27	pH	7.55
PaCO ₂	33mmHg	PaCO ₂	35mmHg	PaCO ₂	34mmHg
HCO ₃	16mEq/L	HCO ₃	10mEq/L	HCO ₃	16.8mEq/L
pO ₂	68	pO ₂	78	pO ₂	91

Interpretation:
meta. acid.
partial compen.
moderate = 12

Interpretation:
metabolic acid.
no compen.
mild = 02

Interpretation:
respiratory alk.
partial compen.
normal = 02