

## ABG Practice # 1

1. PH 7.38 ↓ N metabolic Acidosis, Fully compensated, moderate PO<sub>2</sub>  
CO<sub>2</sub> 30 ↓  
HCO<sub>3</sub> 10 ↓  
PO<sub>2</sub> 60
2. PH 7.60 ↑ Respiratory Alkalosis, no compensation, mild PO<sub>2</sub>  
CO<sub>2</sub> 25 ↓  
HCO<sub>3</sub> 24 N  
PO<sub>2</sub> 72
3. PH 7.37 N ↓ Respiratory acidosis, fully compensated, normal PO<sub>2</sub>  
CO<sub>2</sub> 59 ↑  
HCO<sub>3</sub> 34 ↑  
PO<sub>2</sub> 82
4. PH 7.56 ↑ metabolic Alkalosis, no compensation, Severe PO<sub>2</sub>  
CO<sub>2</sub> 40 N  
HCO<sub>3</sub> 38 ↑  
PO<sub>2</sub> 59
5. PH 7.34 ↓ Respiratory acidosis, Partial compensation, moderate PO<sub>2</sub>  
CO<sub>2</sub> 50 ↑  
HCO<sub>3</sub> 31 ↑  
PO<sub>2</sub> 65
6. PH 7.15 ↓ Respiratory acidosis, No compensation, mild PO<sub>2</sub>  
CO<sub>2</sub> 49 ↑  
HCO<sub>3</sub> 25 N  
PO<sub>2</sub> 74

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7. PH 7.20 ↓ metabolic acidosis, partial compensation, severe PO<sub>2</sub>  
CO<sub>2</sub> 30 ↓  
HCO<sub>3</sub> 18 ↓  
PO<sub>2</sub> 55
  
8. PH 7.54 ↑ metabolic alkalosis, no compensation, moderate PO<sub>2</sub>  
CO<sub>2</sub> 44 N  
HCO<sub>3</sub> 36 ↑  
PO<sub>2</sub> 64
  
9. PH 7.42 N Normal ABGs, normal PO<sub>2</sub>  
CO<sub>2</sub> 38 N  
HCO<sub>3</sub> 25.3 N  
PO<sub>2</sub> 92
  
10. PH 7.31 ↓ metabolic acidosis, partial compensation, moderate PO<sub>2</sub>  
CO<sub>2</sub> 33 ↓  
HCO<sub>3</sub> 16 ↓  
PO<sub>2</sub> 68
  
11. PH 7.27 ↓ metabolic acidosis, no compensation, mild PO<sub>2</sub>  
CO<sub>2</sub> 35 N ↓  
HCO<sub>3</sub> 10 ↓  
PO<sub>2</sub> 78
  
12. PH 7.55 ↑ Respiratory alkalosis, partial compensation, normal PO<sub>2</sub>  
CO<sub>2</sub> 34 ↓  
HCO<sub>3</sub> 16.8 ↓  
PO<sub>2</sub> 91