| ABG Case Studies | |
|---|---|
| **Post operative patient with bowel resection experiencing pain and anxiety**<br>Admitted to floor 1 hour ago and PCA not connected.<br><br>pH = 7.51<br><br>$PaCO_2$ = 25<br><br>$PaO_2$ = 62<br><br>$HCO_3$ = 24<br><br>$SaO_2$ = 91%<br><br>**Interpret the ABG** | **What symptoms are assessed?**<br><br>**What interventions are needed?** |
| **COPD patient with acute exacerbation of chronic bronchitis**<br>Smoked 1 ppd x 40 years. Ordered $O_2$ NC 2L/min, it's on 4Lmin.<br><br>pH = 7.29<br><br>$PaCO_2$ = 78<br><br>$PaO_2$ = 80<br><br>$HCO_3$ = 34<br><br>$SaO_2$ = 95%<br><br>**Interpret the ABG** | **What symptoms are assessed?**<br><br>**What interventions are needed?** |