**BIOL 2401**

**CLINICAL CASE**

**Chapter Clinical Case—Stones, bones, and Groans (pgs 609 and 651)**

*Read the Clinical Case on page 609 and the Wrap Up on page 651. Be prepared to discuss the topic in class.*

*Resource:* [*http://parathyroid.com/causes.htm*](http://parathyroid.com/causes.htm)

Discussion Questions:

In addition to mobilizing calcium from bone, how else does PTH increase blood calcium levels?

What hormone counteracts PTH and decreases blood Ca2+ levels?

Additional Questions:

Are all the parathyroids involved in this problem?

What is the net result of too much PTH being in the blood?

What are the effects of the excess calcium?

Is there treatment for this problem?

Is this a problem of only elderly people?