**BIOL 2401**

**CLINICAL CASES**

**Chapter 3 When Your Heart Is In the Wrong Place (pgs 65 and 112)**

*Read the Clinical Case on page 65 and the Wrap Up on page 25. Be prepared to discuss the topic in class.*

*Resource:* [*http://www.nhlbi.nih.gov/health/health-topics/topics/pcd/printall-index.html*](http://www.nhlbi.nih.gov/health/health-topics/topics/pcd/printall-index.html)

Discussion Questions

What other cell, with a “tail” that has the same microtubule structure as motile cilia, might also be affected as a result of Jackson’s primary ciliary dyskinesia?

What other consequences could result from Jackson’s disorder once he reaches adulthood?

Additional Questions for Discussion

1. What is primary ciliary dyskinesia?
2. Is this inherited as a dominant or recessive disease?
3. What are the most obvious problems observed with this disease?
4. Why do people with PCD have fertility problems?
5. What is situs inversus?