

**BIOL 2401**  
**CLINICAL CASE**

**Chapter 15 Clinical Case Living with Cerebral Palsy (pgs 508 and page 530)**

*Read the Clinical Case on page 429 and the Wrap Up on page 460. Be prepared to discuss the topic in class.*

Resource: <http://www.mayoclinic.org/diseases-conditions/cerebral-palsy/basics/definition/con-20030502?p=1>

Discussion Questions:

Name the principal descending motor pathways that carry information that would be affected by the brain damage causing Michael's cerebral palsy.

Besides aspiration pneumonia, what other difficulties could result from poor motor control of the muscles used in swallowing?

Additional Questions:

Usually cerebral palsy is a result of a disruption in brain development. Were Michael's problems more a problem of brain development or brain damage at birth?

Is there a heredity component to cerebral palsy?

Do other factors such as infections play a role in persons with cerebral palsy?

Can this be turned around with medication and therapy?

What lesson did you learn from Michael?

Additional Questions: