



# HOLY C.O.W.!

**IT'S...**

**Clinical Question of the Week #4  
July 21st, 2008 through July 28th, 2008**

Please e-mail your answers to Kuo, Tim, Wendy, and Kevin ([klian@mednet.ucla.edu](mailto:klian@mednet.ucla.edu); [tprovias@mednet.ucla.edu](mailto:tprovias@mednet.ucla.edu); [wsimon@mednet.ucla.edu](mailto:wsimon@mednet.ucla.edu); [kbreger@mednet.ucla.edu](mailto:kbreger@mednet.ucla.edu)) by 0800 on Monday, July 28<sup>th</sup>, 2008. The resident or intern with the most correct answers at the end of each month will receive a prize!

**Case:** A 17-year-old woman presents to your clinic with headaches, palpitations, and irregular menses. Over the past few months, she noticed a small lump in her throat which has gradually increased in size. Her childhood history was relatively unremarkable, with her height falling in the 95% percentile. When she was younger, she did have some intermittent pain in her legs, which her pediatrician attributed to "growth pains." She also has some chronic lumps on her leg bones, which have been attributed to the effects of playing years of soccer on a traveling team. She achieved menarche at the age of 10. Inspection of the skin reveals the finding below, which the patient dismisses as a birthmark she has had since birth.



**Questions:**

1. **What is the diagnosis? What are the grounds for this diagnosis?**
2. **Name three metabolic abnormalities that are associated with this condition.**
3. **What is the genetic abnormality in this condition, and what is unique about this abnormality?**
4. **Name the motion picture and release year in which the title character may have suffered from this condition.**