



# HOLY C.O.W.!

**IT'S...**

**Clinical Question of the Week #25**  
**December 15th, 2008 through December**  
**22nd, 2008**



Welcome to the Winter Holidays version of Holy C.O.W.! 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, December 22nd, 2008. The resident or intern with the most correct answers at the end of each month will receive a prize! \*\*This will be the final Clinical Question of the Week for 2008 – see you next year!\*\*

**Case:** A 27-year-old man presents to the Emergency Department with acute onset of right knee pain and swelling. He was in his usual state of health until the day of presentation when he developed sudden onset of warmth sensation in his knee followed immediately by swelling and severe pain. Earlier in the day, he had gone on a walk through the woods Griffith Park and felt his knee to be somewhat stiff, but had no significant trauma. His past medical history is notable for some sort of left ankle injury as a young child. Family history is notable for similar injuries. Physical examination reveals a diffusely tender and swollen right knee with slightly decreased range of motion. An MRI is obtained, and PACS also has a knee radiograph from an office visit four months ago.



Prior radiograph and T2-weighted MRI (right) obtained on presentation of the patient's right knee.

**Questions:**

1. **What is the diagnosis? Describe the genetic basis of this condition.**
2. **Name two other manifestations of the disease.**
3. **What tests are used for diagnosis?**
4. **What is the treatment?**