

HOLY C.O.W.!

IT'S...

Clinical Question of the Week #23
December 1st, 2008 through December
8th, 2008

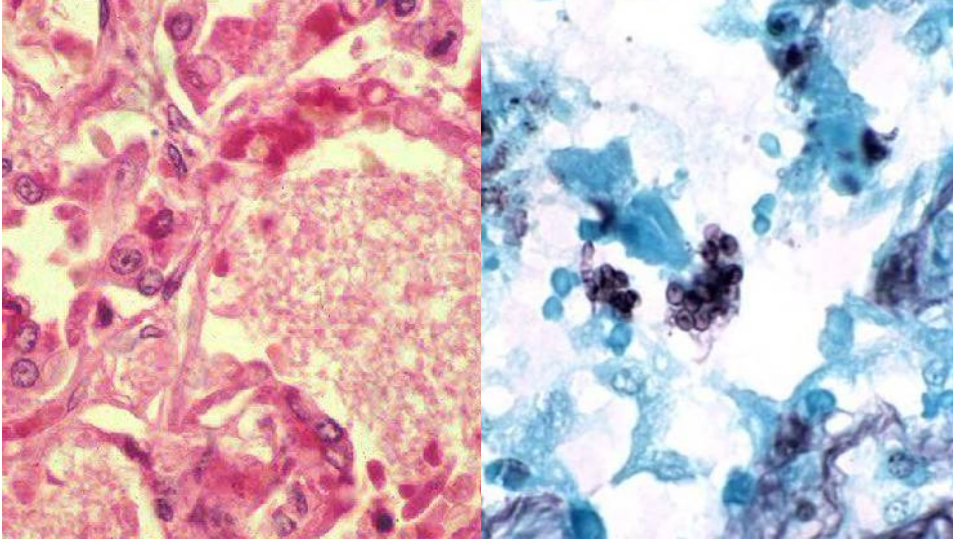


World AIDS Day is December 1st – raise some awareness! Please e-mail your answers to Kuo, Tim, Wendy, and Kevin (klian@mednet.ucla.edu; tprovias@mednet.ucla.edu; wsimon@mednet.ucla.edu; kbreger@mednet.ucla.edu) by 0800 on Monday, December 8th, 2008. The resident or intern with the most correct answers at the end of each month will receive a prize!

Case: A 28-year-old man presents for evaluation of progressively worsening shortness of breath. He was in his usual state of health until approximately two weeks ago when he developed insidious cough, intermittent fevers to 101°F measured at home, and increasing shortness of breath while walking. His past medical history is unremarkable, he doesn't smoke, and he lives with his partner in Los Angeles. Physical exam reveals temperature of 102°F, respiratory rate 20, and room air O₂ saturation of 89%. He is thin and weak appearing, oropharyngeal exam reveals few whitish plaques. Scattered crackles are heard on lung exam. CXR is shown below. Sputum is collected and images of stains performed are also shown.



The patient's chest radiograph.



H&E (left) and special (right) staining of the patient's induced sputum.

Questions:

1. **What is the diagnosis? What is the underlying condition?**
2. **Name two other radiographic manifestations of this disease.**
3. **What is the treatment?**
4. **Who is credited with the discovery of the causative agent in the underlying condition?**