Naïve Case 1

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Case 1

- 42 year old white male newly diagnosed with HIV/AIDS presents with increasing SOB over 2-3 weeks. CD4 Count 80 cells/mm$^3$

- His PaO$_2$ is 60mmHg on 2 liters of oxygen by nasal cannula

- He is currently taking no medication
ARS Question
Figure 1. Incidences of first AIDS-defining opportunistic infection, according to year, among all patients in care, HIV Outpatient Study, 1994–2007 (Centers for Disease Control and Prevention, unpublished data; courtesy of R. Baker and K. Buchacz).
Case Continued

• He is started on Trimethoprim/Sulfa and methylprednisolone
• You are covering the teaching service and the intern calls to ask if she should start the patient on HAART?
• ARS Question
ACTG 5164: Immediate vs. Delayed ART with an Acute OI

• 228 pts with a treatable OI diagnosed within 14 days randomized to start ART within 48 hours vs. after 4 weeks
  • Most common OI: PCP (63%)
• AIDS progression/death: immediate rx (14%) vs. delayed rx (24%)
• No difference in safety/toxicity, IRIS, or week 48 responses

Zolopa CROI 2008, #142
ARS Question
Transmitted Drug Resistance in US: Newly Diagnosed

- CDC surveillance for transmitted drug resistance in 2007
- Survey included 10,496 with new HIV Dx; 2,480 w/ genotype
- TDR present in significant number of patients with new HIV diagnosis
  - 83% with single mutation
  - NNRTI most common class with TDR
- No demographic risks factors identified

Questions??