

AIDS: Opportunistic Infections



Ophthalmic

CMV Retinitis CD4 ≤ 50

Candidiasis

Oral CD4 ≤ 500
Esophageal CD4 ≤ 100



CNS

Toxoplasmosis
CD4 ≤ 100

Cryptococcus
CD4 ≤ 100



Pulmonary

Tuberculosis
Screen All Patients

Coccidioidomycosis
CD4 ≤ 250

Bacterial Pneumonia
CD4 ≤ 200

Pneumocystis
CD4 ≤ 200

Histoplasmosis
CD4 ≤ 150

MAC
CD4 ≤ 50

Integumentary

Kaposi Sarcoma (HHV-8)
CD4 ≤ 500

Bacillary Angiomatosis
Bartonellosis
CD4 ≤ 50

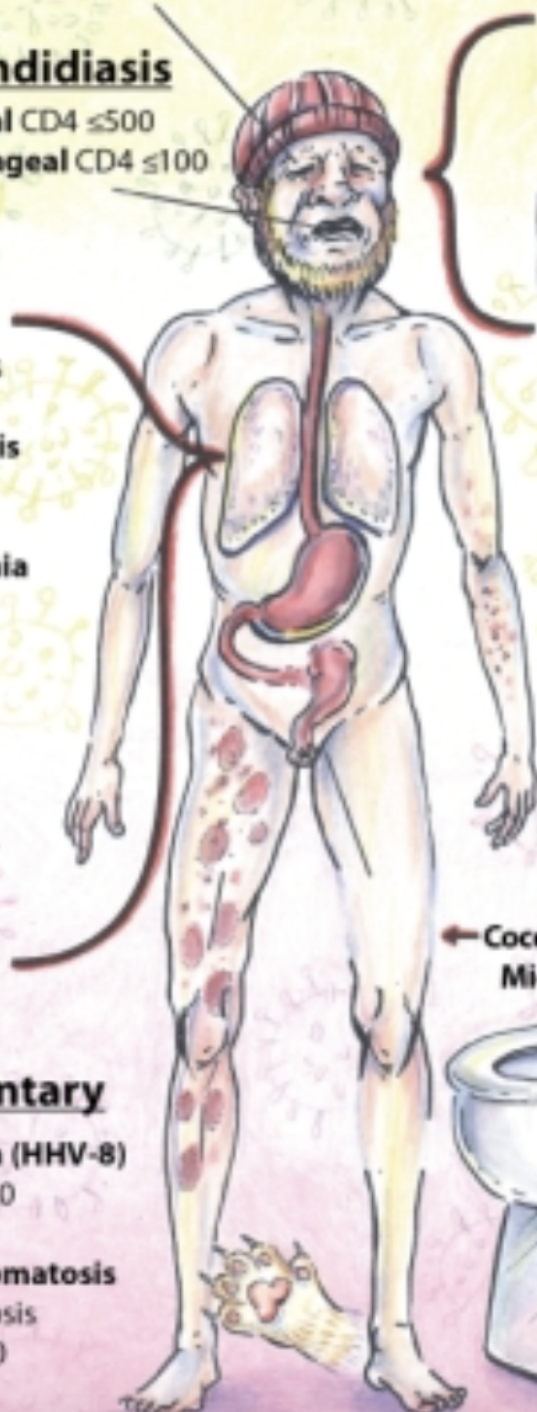
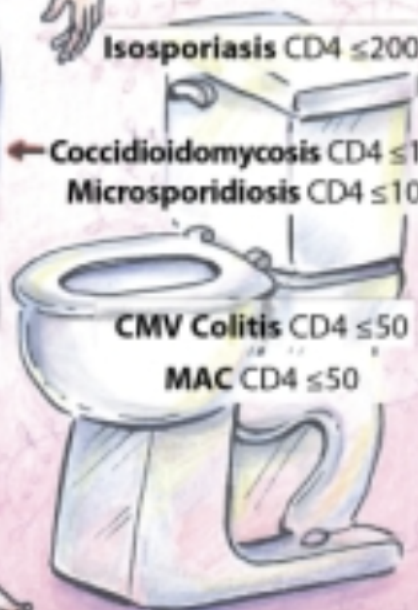
Diarrheal

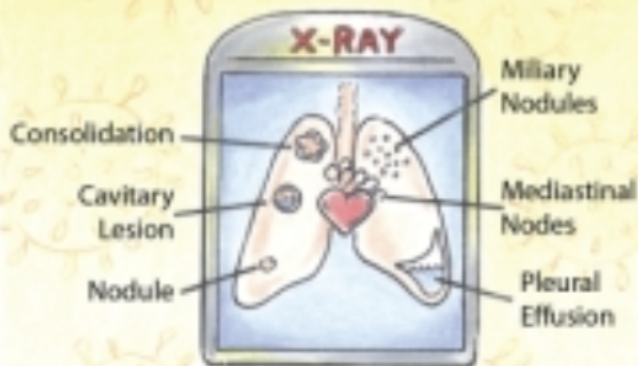
Isosporiasis CD4 ≤ 200

Coccidioidomycosis CD4 ≤ 100
Microsporidiosis CD4 ≤ 100

CMV Colitis CD4 ≤ 50

MAC CD4 ≤ 50





Tuberculosis



Candidiasis



Toxoplasmosis

Screen for
Coccidioidomycosis
when CD4 < 250!



Coccidioidomycosis



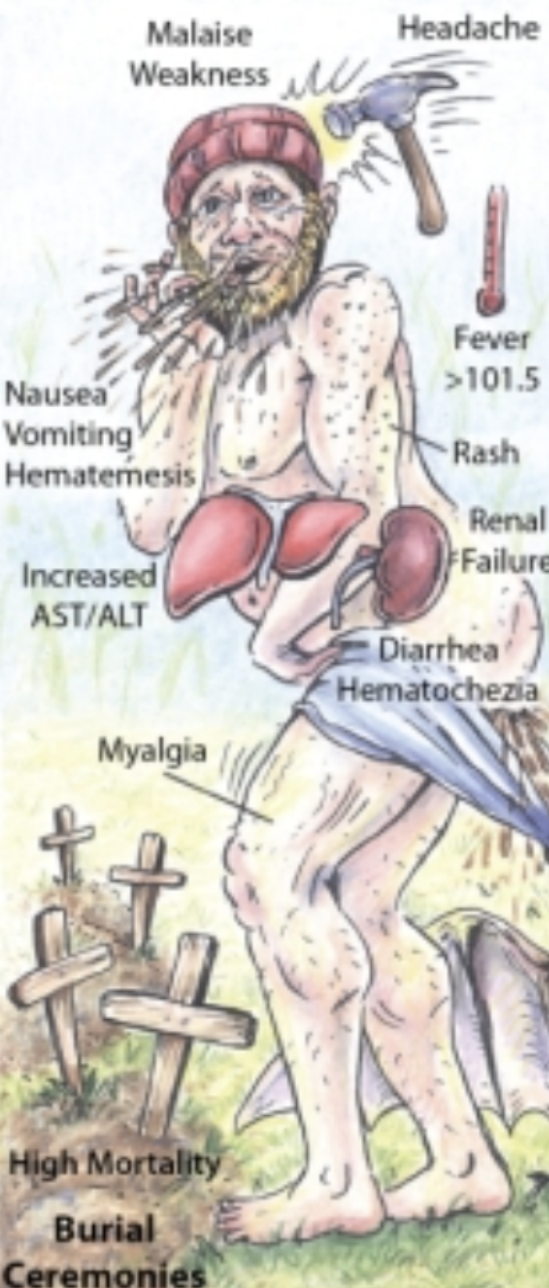
**Bacillary
Angiomatosis**



Histoplasmosis

Ebola

S	M	T	W	T	F	S
Incubation: 2-21 Days						
Average: 8-10 Days						



Mononucleosis

(Glandular Fever)

(Kissing Disease)

S	M	T	W	T	F	S

Incubation: \approx 4-6 Weeks



I'm too exhausted!

How about a little kiss for me?!



Often Confused for Strep Throat

Pharyngitis
Lymphadenopathy (Posterior Cervical)

Splenomegaly

? Acute CMV Infection



Monospot

EBV IgG/IgM

\geq 50% Lymphocytes
 \geq 10% Atypical

Extreme Fatigue
 \uparrow ALT/AST \approx 50%

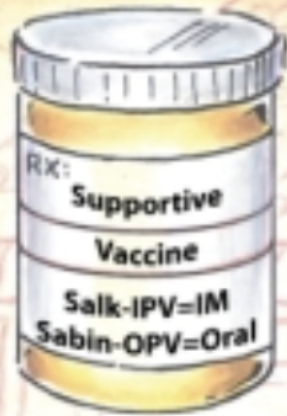
Fever + Pharyngitis + Lymphadenopathy = Mono

Mono + Amoxicillin or Ampicillin \rightarrow Rash

Polio

(Poliomyelitis)

S	M	T	W	T	F	S
Incubation: Variable						
Non-paralytic: 3-6 Days						
Paralytic: 7-21 Days						



Bulbar Polio

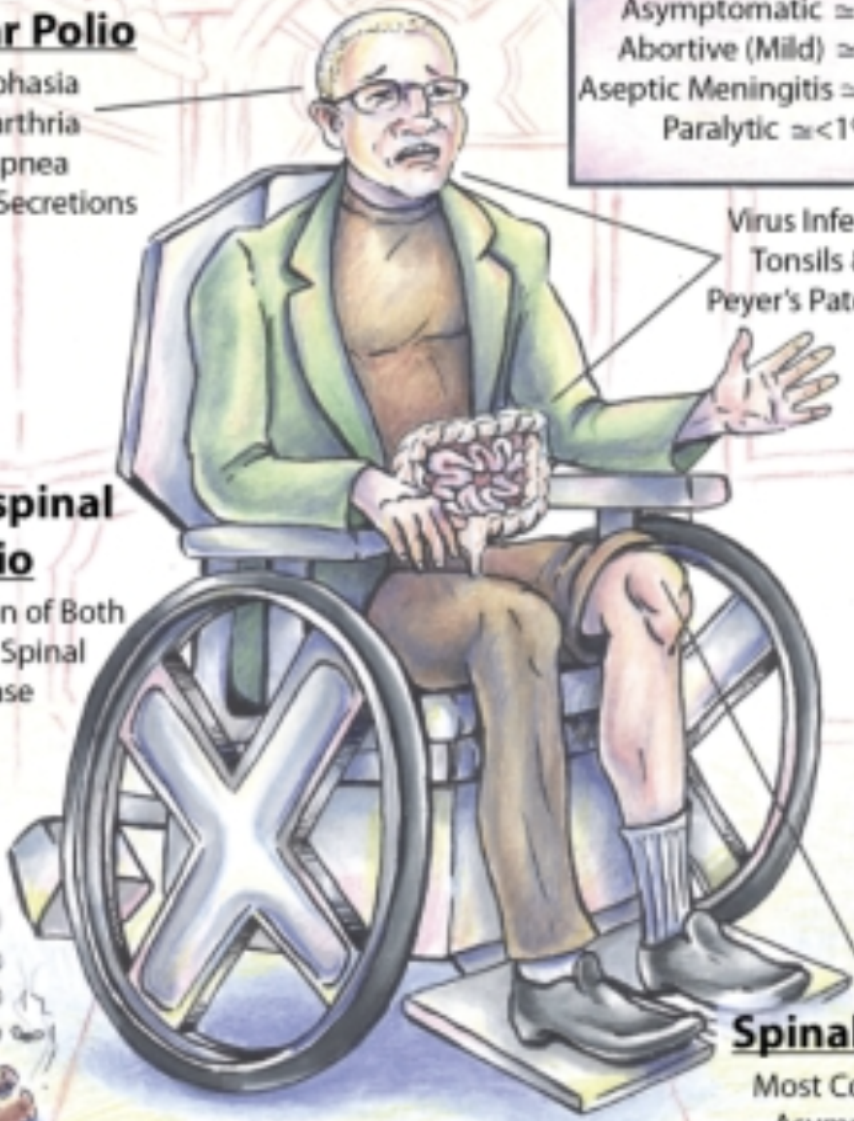
- Dysphasia
- Dysarthria
- Dyspnea
- Pooling Secretions

Asymptomatic $\approx 72\%$
 Abortive (Mild) $\approx 24\%$
 Aseptic Meningitis $\approx 1\% - 5\%$
 Paralytic $\approx <1\%$
 CDC

Virus Infects
 Tonsils &
 Peyer's Patches

Bulbarspinal Polio

Combination of Both
 Bulbar & Spinal
 Disease



Fecal-Oral
 Transmission

Spinal Polio

Most Common
 Asymmetric
 Legs > Arms
 Reflexes ↓
 Sensation Intact

Rabies

(Hydrophobia)

S	M	T	W	T	F	S
Incubation = 1-3 Months						
Death Within 10 Days of Coma						



Hypersalivation/Infectious Saliva



Neurologic Symptoms

- Insomnia
- Confusion
- Paranoia
- Anxiety
- Agitation
- Hallucinations

≈ 1/2 Immune Globulin Given Near Site of Bite



Raccoon

Bat



Hydrophobia

Fox

Skunk

Smallpox

S	M	T	W	T	F	S
Incubation: 7-17 Days						
Average: 12 Days						

