



Fever In The ICU



Pyrexia
≠
Hyperthermia

First Pass

Infectious



Second Pass

Consider bleeds, infarcts, drug



Third Pass

Non-infectious inflammatory

Common Infection

- Bacterial (Skin and soft tissue, Pneumonia, Bloodstream, UTI, Intra-abdominal)
- C. Diff

Prolonged Incubation

- Endocarditis

Opportunistic Infections

- If immunocompromised

Untreated Infection

- Wrong Bug, Wrong Drug, Source Control
- Sites requiring sampling/drainage (Acalculous cholecystitis, Meningitis, Septic Arthritis)

Clot/Bleed

- DVT/PE, CNS/Visceral Infarcts
- CNS, RP, Internal Bleed

Drug Fever

- Drug related
- Withdrawal

Localized Inflammation

- Gout
- Pericarditis
- Pancreatitis
- Post-pericardiotomy Syndrome

Systemic Inflammation

- Endocrine (Thyroid, Pheo, Adrenal)
- Malignant (Lymphoma, Leukemia, RCC, HCC)
- Autoimmune (SLE, RA, Vasculitis)
- Hemolytic/HLH