



# 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