



# Fever In The ICU 2.0

Pyrexia  
≠  
Hyperthermia

First Pass  
Infectious

Second Pass  
Consider bleeds, infarcts, drug

Third Pass  
Non-infectious inflammatory

## 1 Hospital Acquired

Y	Necrotizing SSTI	BSI
N	HAP/VAP C Diff	UTI
Y		N

Localizing Findings

## 2 Prolonged Incubation

- Tick-Borne, Zoonotic
- Subacute Bacterial Endocarditis
- Vertebral Osteomyelitis

## 3 Opportunistic

- If immunocompromised

## 1 Image $\oplus$

Infectious	Non-infectious
Source control Complication of initial infxn	DVT/PE, CNS/Visceral Infarcts CNS, RP, Internal Bleed

## 2 Image $\ominus$

Infectious	Non-infectious
Wrong bug Wrong drug Privileged Site (Acalculous cholecystitis, Meningitis, Septic Arthritis)	Drug related fever, NMS, Serotonin Syndrome, DRESS, ETOH Withdrawal

## 1 Localized Inflammation

- Gout
- Pericarditis
- Post-pericardiotomy Syndrome

## 2 Systemic Inflammation

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