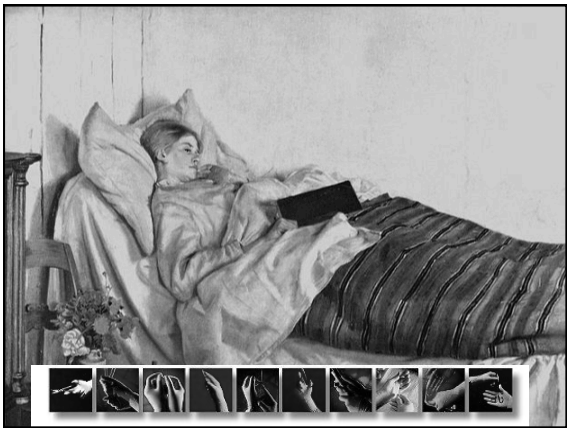
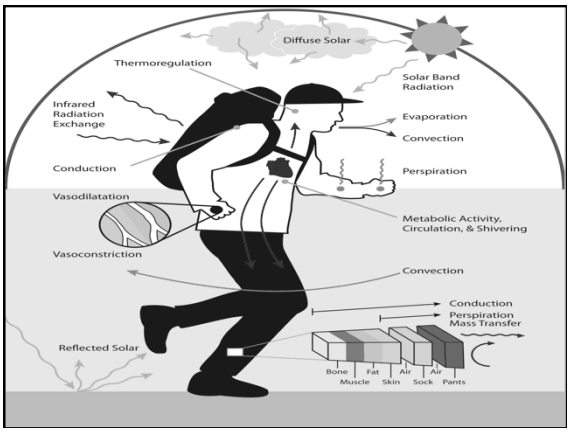
Fever!

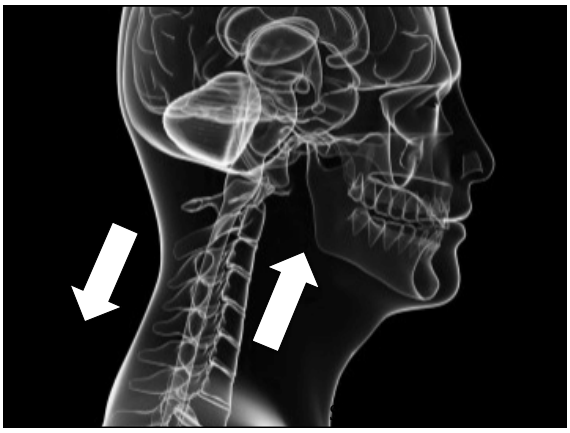
Richard Beebe MS RN RNP
MedicThink LLC

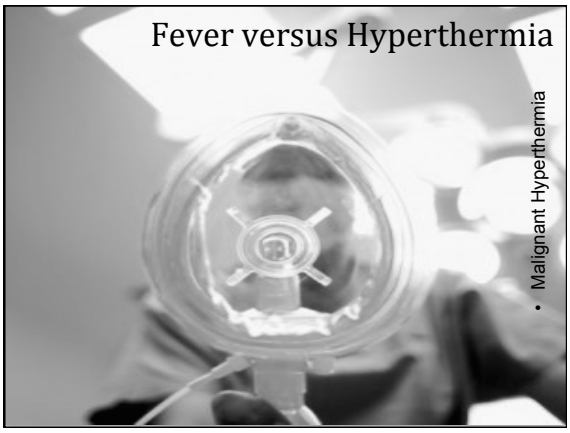
Objectives

- **Basic Approach to the Common Complaint of "Fever"**
- **Fever versus Hyperthermia**
- **Low Grade Fever Versus High Grade Fever**
- **Fevers of Concern**
- **Sepsis, Septicemia and SIRS**

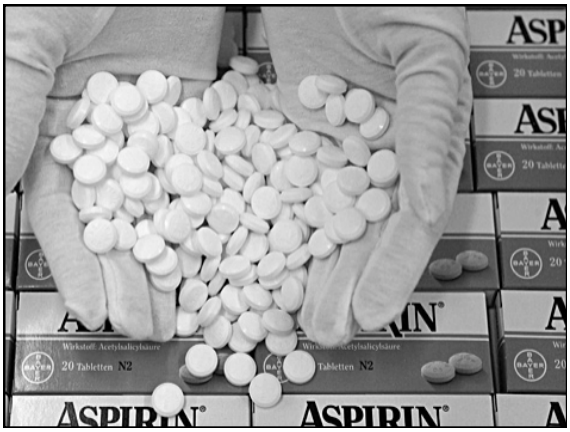


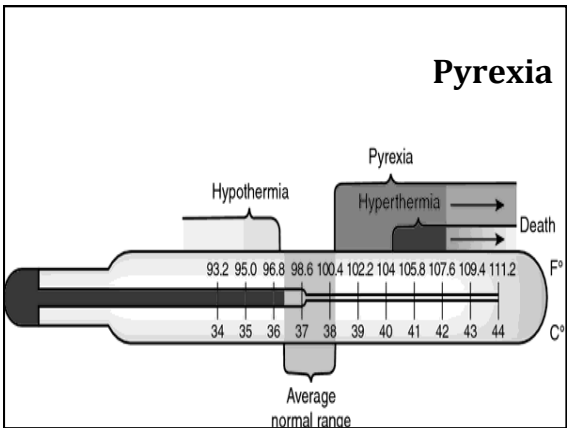


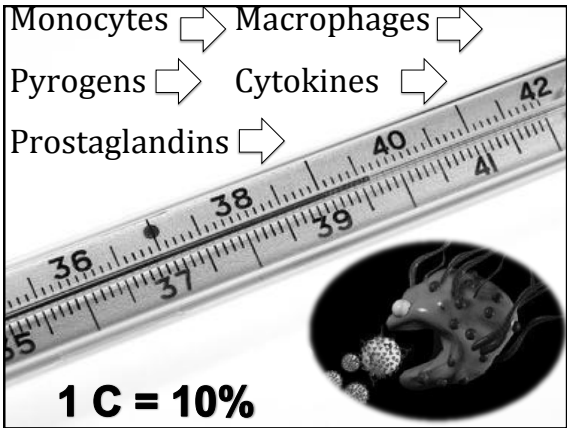


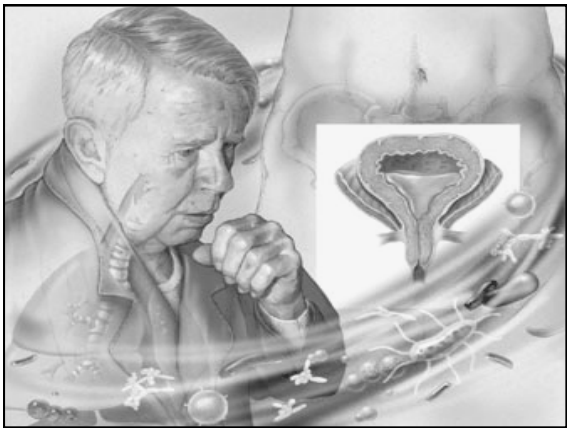

Fever versus Hyperthermia
• Malignant Hyperthermia

Thyroid Storm


ASPIRIN
ASPIRIN

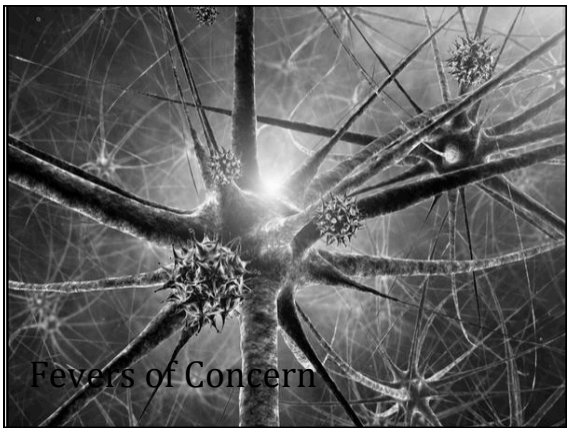

Pyrexia
Pyrexia
Hypothermia
Hyperthermia
Death
93.2 95.0 96.8 98.6 100.4 102.2 104 105.8 107.6 109.4 111.2
F°
34 35 36 37 38 39 40 41 42 43 44
C°
Average
normal range

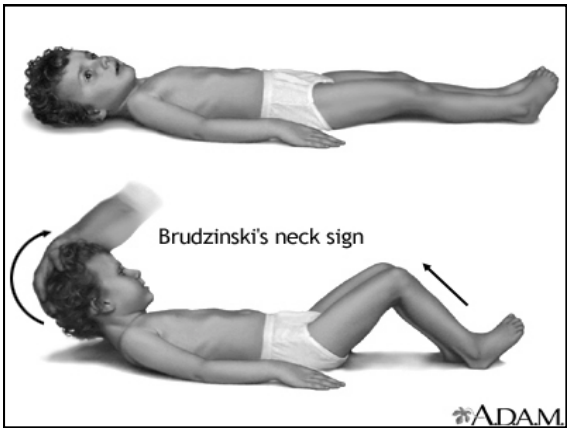

Monocytes
Macrophages
Pyrogens
Cytokines
Prostaglandins
1 C = 10%

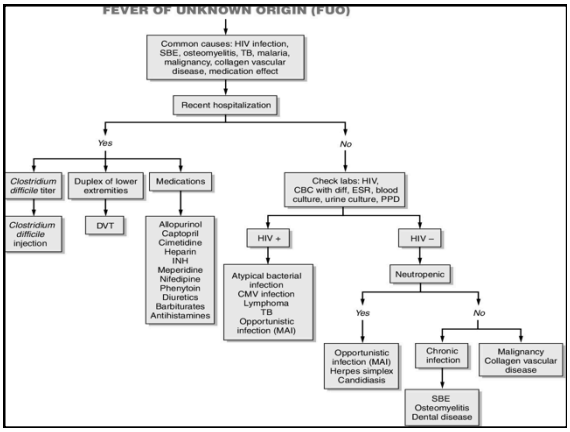


Discipline
The difference between good and great.
HPI
• Onset
• Provocation
• Quality
• Reoccurrence
• Severity
• Timing

AMPLER

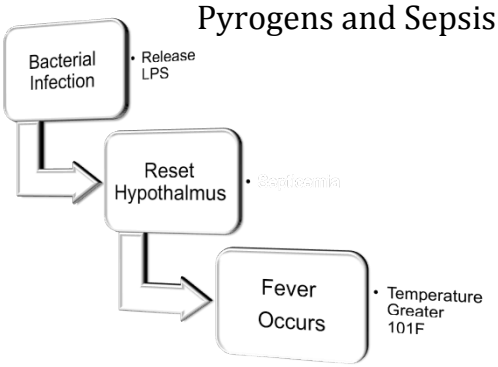


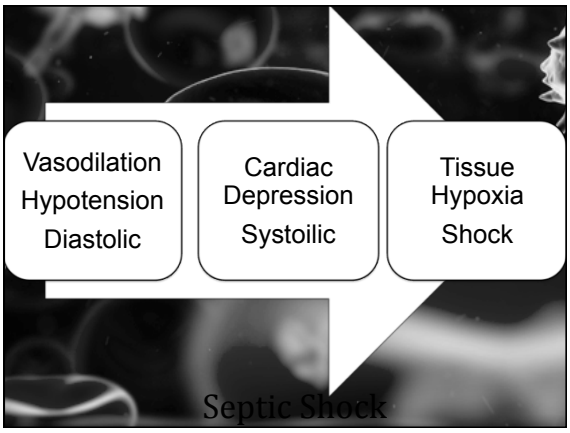




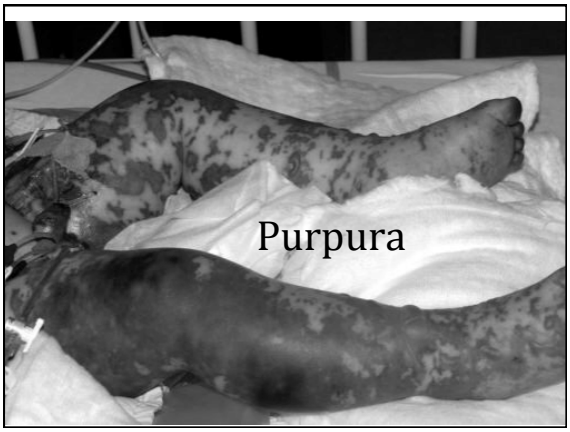
RMA?

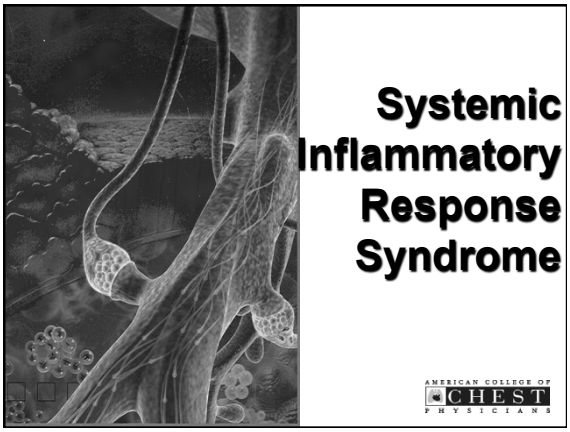
Pyrogens and Sepsis



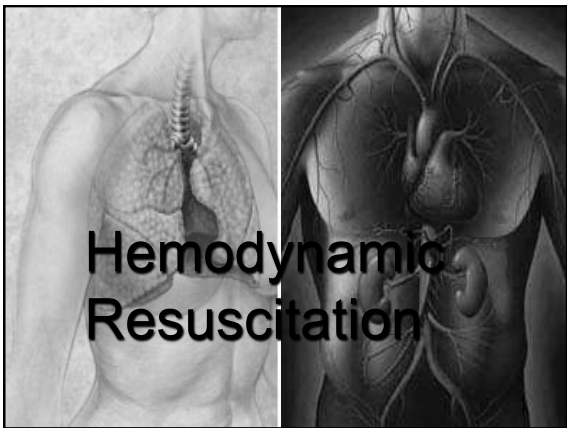

Vasodilation
Hypotension
Diastolic
Cardiac
Depression
Systoilic
Tissue
Hypoxia
Shock
Septic Shock

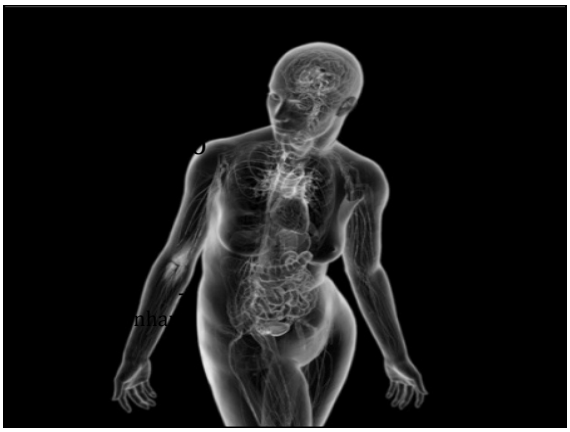
Petechiae


Purpura


Systemic
Inflammatory
Response
Syndrome
AMERICAN COLLEGE OF
CHEST
PHYSICIANS

"Golden Hour" of SIRS
Trouble is Spelled
"HYPOPERFUSION"


Hemodynamic
Resuscitation



Thank you!
MedicThink@Gmail.com