

# FUO

- Types
  - CLASSIC FUO
  - NOSOCOMIAL (HEALTH CARE–ASSOCIATED) FUO
  - NEUTROPENIC (IMMUNE-DEFICIENT) FUO
  - HIV-RELATED FUO
- Classic FUO
  - Definition  $>38.3^{\circ}\text{C}$  ( $100.9^{\circ}\text{F}$ ),  $>3$  wk,  $>2$  visits or 3 days in
  - Leading causes: Cancer, infections, inflammatory conditions, autoimmune disease, undiagnosed
  - History Emphasis: Travel, contacts, animal and insect exposure, medications, immunizations, family history, cardiac valve disorder
  - Management : Observation, temperature chart, investigations, avoidance of empirical drug treatments
  - Time Course of Disease: Months

# SIRS

- Systemic inflammatory response syndrome (SIRS)
  - Old term for the systemic response
  - Criteria included two or more of the following:
    - Temperature  $>38^{\circ}\text{C}$  or  $<36^{\circ}\text{C}$
    - Heart rate  $>90$  beats/min
    - Respiratory rate  $>20$  breaths/min or  $\text{PaCO}_2 <32$  mm Hg
    - WBC  $>12,000$  cells/mm<sup>3</sup> or  $<4,000$  cells/mm<sup>3</sup>, or  $>10\%$  immature (band) forms

# Sepsis

- Sepsis
  - The systemic response to infection. If associated with proven or clinically suspected infection, SIRS was called “sepsis.”
  - “Sepsis should be defined as life-threatening organ dysfunction caused by a dysregulated host response to infection.”