

# Medicine Hx- Cardiovascular System

## History of “Fever ”

### A. Overview:

A rise in body temperature in response to endogenous cytokines. The exact lower cutoff for fever varies from 99.4 F to 100.4 F.

### B. Differential diagnosis:

DDx	What support this diagnosis?
<b>Rheumatic fever</b>	Risk factors: Family history, Overcrowding and poor sanitation Typical Symptoms: Painful and tender joints, fever, heart murmur Complication: Heart failure, atrial fibrillation, Mitral stenosis
<b>Infection</b>	Risk factors: Immunocompromised patients , depends on the type of infection Complication: Bacteremia
<b>Lymphoma</b>	Risk factors: Immunocompromised patients , family history. Young age usually with Hodgkins lymphoma and old age with non hodgkins lymphoma Typical Symptoms: Fever, Night sweat, weight loss.

### C. Questions to ask the patient with this presentation

Questions	What you think about ... !
<i>When did it start?</i>	
<i>How did it develop; gradual or sudden?</i>	
<i>When it occurs?(throughout the day, at night , day time)</i>	Diurnal ( a regular rise and fall in temperture, occurring between 4PM and midnight). Abscenece of diurnal variation has been associated with, but does not establish a noninfectious causes.
<i>How is the pattern (continuous , remittent)</i>	Suggests CNS diseases or gram negative rod bacteremia
<i>Was it measured ? what was the readings?</i>	Very high fever suggests CNS infection
<i>How was it managed? route (axilla or oral)</i>	
<b>associated symptoms</b>	

<i>Do you have any dry cough, nasal congestion, sinus pain or sore throat?</i>	Acute pharyngitis. Sinusitis or upper respiratory infection
<i>Any redness of your skin ?</i>	Cellulitis, phlebitis or drug reaction
<i>Do you a productive cough or shortness of breath?</i>	Pneumonia, TB or bronchitis
<i>Do you have any blood in your sputum?</i>	Pneumonia, TB or bronchitis , PE or lung cancer
<i>Do you have chest pain?</i>	PE , pneumonia, pericarditis, bacterial endocarditis
<i>Do you have burning with urination?</i>	UTI, pyelonephritis, renal cell carcinoma, urethritis or prostatitis
<i>Do you have blood in the urine?</i>	UTI, pyelonephritis, renal cell carcinoma, urethritis or prostatitis or any vascular diseases of the kidneys
<i>Do you Have nausea or vomiting?</i>	Gastroenteritis, pancreatitis, cholecystitis, hepatitis
<i>Do you have diarrhea?</i>	Gastroenteritis, IBD or infectious colitis
<i>Do you have any abdominal pain?</i>	Gastroenteritis, pancreatitis, cholecystitis, hepatitis or IBD
<i>Have you noticed yellowing in your skin</i>	cholecystitis, hepatitis
<i>Did you have associated shaking chills?</i>	Bacteremia or endocarditis
<i>Do you have night sweats, weight loss?</i>	Lymphoma or renal cell carcinoma
<i>Have you had any stiffness or pain in your joints?</i>	SLE, polyarteritis nodosa
<i>Do you have headache?</i>	Meningitis, sinusitis
<i>Do you have easy bruising or gum bleeding?</i>	Leukemia or lymphoma
<i>Have you had difficulty with speech, double vision, arm or leg weakness or seizures?</i>	Intracerebral hemorrhage or Meningitis
<b>Medical and surgical history</b>	
<i>Have you started any new medication? Or exposed to new antibiotics?</i>	Drug fever , new antibiotic could cause C.difficile
<i>Have you had any recent surgery?</i>	Abscess or wound infection
<i>Have you had any recent procedures? (eg. Dental work or urinary or IV catheter)</i>	Bacterial endocarditis . Catheter associated with UTI or bacteremia
<i>Have you ever had heart valve surgery?</i>	Endocarditis
<i>Have you travelled recently?</i>	Shigellosis, Hepatitis, ameobiasis
<i>Have you recently had unprotected sexual intercourse or used intravenous drug</i>	Acute HIV, Hepatitis B or C, syphilis or gonorrhea

**D.Systematic Review.** Go to Medicine – Hx – “General” topic !

## 432 OSCE TEAM

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