

FUO: Fever of Unknown Origin

Definition: Fever 38.0 C (100.4 F) or higher for 8 days or longer without a clear source

Detailed History

Documented fevers vs tactile
Fever pattern, timing, periodicity
Sick contacts
Associated symptoms (B symptoms, eg wt loss)
Animal exposure, travel, mosquito/tick exposure

AND

Thorough Physical Exam

Kawasaki signs, lymphadenopathy, hepatosplenomegaly, cardiac murmur, pulmonary findings, bone tenderness, arthritis, rash / mucosal lesions

Differential Diagnosis

ID: EBV, cat-scratch (Bartonella), HIV, Enterovirus, Sinusitis, Osteomyelitis, Pyelonephritis / UTI, Abscess, Brucellosis, Leptospirosis, Mycoplasma, Rat Bite Fever, Salmonella, TB, Tularemia, HSV, CMV, Malaria, Ehrlichiosis, RMSF, Q fever, Fungal infection, Parasitic disease

Oncologic: Leukemia, Lymphoma, Histiocytosis, Neuroblastoma

Autoimmune: Kawasaki, SLE, JRA, PAN, IBD, Behcet, Sarcoidosis, Hyperthyroidism / thyroiditis, Granulomatosis

Other: Drug fever, Pseudo FUO (serial viral syndrome), Periodic fever syndromes, Pancreatitis, Serum sickness, Cyclic neutropenia

