Kawasaki Disease

CRASH and BURN mnemonic:

BURN = 5 days of fever AND 4 out of 5

C – conjunctivitis (usually bulbar, bilateral, non-purulent)

R – rash (just about anything except vesicles, bullae)

A – adenopathy (usually cervical, singular, >1.5cm)

S – strawberry tongue (or other changes like lip redness, cracking)

H – hand and feet swelling/erythema, (peeling later in course)

AHA guidelines:

http://circ.ahajourn als.org/content/13 5/17/e927.long

Incomplete Kawasaki: suspect if 5+ days of fever and 2-3 of above criteria $Or \le 6$ months old and unexplained fever ≥ 7 days regardless of above criteria

Order CRP, ESR, CBC, albumin, ALT, UA with micro

CRP>3 or ESR> 40 AND 3 or more supplementary lab criteria:

Albumin ≤ 3

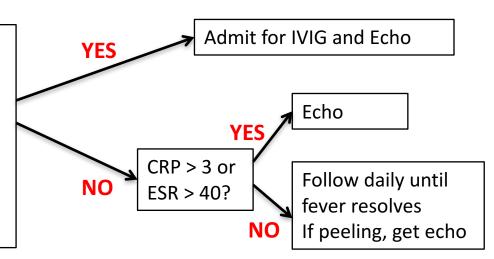
Anemia for age

ALT elevated (> 50)

Platelets > 450,000 after 7 days of fever

WBC > 15

Urine WBC > 10/hpf



Seaton K, Kharbanda A. Evidence-Based Management of Kawasaki Disease in the Emergency Department. Pediatric Emergency Medicine Practice. 2015 12(1); 1-24.