

Kawasaki Disease Pathway

Kawasaki Disease Clinical Features

- Mucositis –strawberry tongue
- Nonpurulent conjunctivitis
- Erythematous rash
- Extremity changes (swelling/peeling)
- Cervical lymphadenopathy ≥ 1.5 cm

Incomplete Kawasaki Lab Criteria

- Anemia for age
- Platelet $\geq 450,000$ after 7th day of fever
- WBC $\geq 15,000/\text{mm}^3$
- Albumin ≤ 3.0 g/dL
- Elevated ALT
- Urine ≥ 10 WBC/hpf

If clinical suspicion of other cardiac involvement please consider these labs:

- BNP
- Troponin

Patient with > 4 days of fever

Do you suspect Kawasaki Disease? (based on clinical findings)

Complete

Incomplete

Suspect Complete Kawasaki

- 5 days of fever + 4 clinical features
- OR**
- 4 days + 5 clinical features

Suspect Incomplete Kawasaki

- 5-10 days of fever + 2-3 clinical features
- OR**
- Patient < 6 months with ≥ 7 days of fever, regardless of clinical features

- Consult Cardiology
- Consult Infectious Disease
- Obtain baseline ECG
- Obtain Echo
 - Discuss minimal sedation and timing with Cardiology

C-reactive protein test (CRP) ≥ 3 mg/dL **AND/OR** erythrocyte sedimentation rate (ESR) > 40 ?

Yes

No

- Consult Cardiology
- Consult Infectious Disease
- Obtain additional laboratory testing:
 - CBC
 - CMP
 - UA
- Obtain baseline ECG
- Obtain Echo
 - Discuss minimal sedation and timing with Cardiology

Initiate Treatment

- High dose IVIG 2 g/kg, MAX 70 g
- Moderate dose aspirin 30-50 mg/kg/day, split every 6 hours
- Monitor for 36 hours after IVIG completion

3 or more abnormal lab findings **OR** (+) ECHO

Yes

No

- Consider other diagnosis
- Manage off pathway
- Consider repeat C-reactive protein test (CRP) plus Sed rate (ESR) if remains febrile

Discharge Criteria

- Afebrile 12 hours and normal ECHO (if abnormal, consult with Cardiology for further discharge recommendations)
- Transitioned to low-dose acetylsalicylic acid (aspirin) 3-5 mg/kg/day
- Cardiology follow-ups with ECHO in 2 and 6 weeks
 - Patient offered inactivated flu vaccine or other appropriate vaccines
- Education on live vaccine and fever monitoring