

While you are waiting.....

Please either:

- Go to webpage:

<http://bit.ly/NurseNZ>

- If you have Poll Everywhere app, join presentation **francesailo574**



The delicate balance of paediatric decision making: a case based presentation

Sally Hollis

Danielle Naylor

Frances Sai Louie

Your poll will show here

1

Install the app from
pollev.com/app

2

Make sure you are in
Slide Show mode

Still not working? Get help at pollev.com/app/help
or

[Open poll in your web browser](#)

History

- Fever 6/7
- Reluctant to walk
- Reduced oral intake
- Non-itchy rash 3/7
- Red lips and tongue 1/7
- Cough and runny nose

Examination Findings

- Alert
- Vital signs: HR 138bpm, RR 30rpm, SpO2 99% RA, Temp 38.3C, CRT <2secs.
- CVS: Well perfused. No murmurs.
- Resp: Chest clear, nil recession.
- Abdo: Soft and non-tender. No masses.
- ENT: L) TM pink and bulging.
- Skin: Widespread rash, erythema to palmer/planter surfaces
- MSK: Tender L) knee, limited ROM

Your poll will show here

1

Install the app from
pollev.com/app

2

Make sure you are in
Slide Show mode

Still not working? Get help at pollev.com/app/help
or

[Open poll in your web browser](#)

Differentials

Likely Kawasaki Disease

- ❖ ? Rheumatic Fever
- ❖ ? Viral illness
- ❖ ? Septic Arthritis

Kawasaki Disease

- Vasculitis
 - Generally self limiting
 - Cardiac sequelae if untreated
- Etiology
 - Unknown
 - ??autoimmune
- Epidemiology
 - Ethnicity: higher in Asian or Pacific Island children
 - More common in boys
 - 90% cases <5years

Your poll will show here

1

Install the app from
pollev.com/app

2

Make sure you are in
Slide Show mode

Still not working? Get help at pollev.com/app/help
or

[Open poll in your web browser](#)

Clinical features of Kawasaki Disease

Fever for > 5 days

PLUS 4 out 5 further clinical features:

- ❖ Bilateral conjunctivitis
- ❖ Cervical lymphadenopathy
- ❖ Polymorphous rash
- ❖ Oral changes
- ❖ Changes to extremities

Bilateral conjunctivitis



© KAWASAKI DISEASE FOUNDATION

Polymorphous rash



Figure 3: Perineal desquamation in the acute phase of the disease



© KAWASAKI DISEASE FOUNDATION

Oral changes



Oral changes – “strawberry tongue”



Extremity changes



KAWASAKI DISEASE FOUNDATION



© KAWASAKI DISEASE FOUNDATION



Coronary aneurysms

Risk factors

- Fever $> 10/7$ at presentation
- Significant lab findings
- Persisting fever/inflammation post IVIG
- Age $<12/12$ or $>5\text{yr}$
- Asian ethnicity
- Male
- Clinical signs of cardiac involvement

Your poll will show here

1

Install the app from
pollev.com/app

2

Make sure you are in
Slide Show mode

Still not working? Get help at pollev.com/app/help
or

[Open poll in your web browser](#)

Results

- CXR - NAD
- ECG - NAD
- ↑WCC , ↑ESR, ↑CRP, ↓Albumin, ↑ALT
- Urine – sterile pyuria
- +/- ECHO
- Throat swab

Your poll will show here

1

Install the app from
pollev.com/app

2

Make sure you are in
Slide Show mode

Still not working? Get help at pollev.com/app/help
or

[Open poll in your web browser](#)

Your poll will show here

1

Install the app from
pollev.com/app

2

Make sure you are in
Slide Show mode

Still not working? Get help at pollev.com/app/help
or

[Open poll in your web browser](#)

Management

- Admission
- IVIG
- Aspirin
- Corticosteroids
- Follow up care
- Defer live vaccines for 11/12 post IVIG

Questions???