Measles

Skin rash? Thinking Measles?

Clinical case definition
Generalized maculopapular rash + fever (at least 38C) present at rash onset + cough or conjunctivitis or koplak spots

Meets clinical case definition?

Notify public health urgently 🚨 or 📡 and arrange urgent laboratory tests for measles *(PHU will liaise with testing laboratory to ensure appropriate infection control precautions)*

Differential diagnosis
- Rubella
- Roseola infantum
- Human parvovirus
- Enteroviruses
- Arboviruses
- Kawasaki syndrome
- Drug hypersensitivity rash
- Group A streptococcal disease (scarlet fever)

Infection control
Place the patient in a separate room to avoid infecting others.
This room is to be left vacant for at least 30mins after consultation.

Laboratory tests
0 – 3 days after rash onset - throat or nasopharyngeal swab for PCR
3 – 7 days after rash onset - throat or nasopharyngeal swab for PCR and blood for IgM
0 – 7 days after rash onset - urine for PCR
> 7 days after rash onset - blood for IgM

NOTE: freeze specimens for PCR if they can’t get to the laboratory within 24 hours