Measles

Skin rash? Thinking Measles?

Clinical case definition
Generalized maculopapular rash + fever (at least 38°C) 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)

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

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.