MEASLES TESTING ALGORITHM – ACUTE CARE SETTING

Classical features:
High fever, conjunctivitis, coryza/cough
Maculopapular rash starting of face before becoming more widespread
+/- Koplik spots on buccal mucosa

Increased risk:
Unvaccinated/incompletely vaccinated
History of contact with known/suspected case within previous 3 weeks

SUSPECTED MEASLES CASE

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ISOLATE PATIENT IN SINGLE ROOM WITH DOOR SHUT (ideally negative pressure room)
STAFF WEAR AEROSOL PPE (with FFP3 masks)

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CLINICAL TEAM IMMEDIATELY CONTACT LOCAL HEALTH PROTECTION TEAM (HPT)
to notify case and discuss testing:

Tel: 0344 225 3861

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HPT ADVISES URGENT MEASLES TESTING WITH ORAL FLUID TEST KIT (OFK)?

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YES

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HPT Testing

- Obtain **HPZ NUMBER** from HPT
- Confirm arrangements with HPT for delivery/collection of OFK
- HPT request testing whilst patient in hospital – once OFK arrives take the sample as instructed
- Label sample: Patient ID (minimum of first name & surname + DOB + MRN or NHS no.), date & time
- Follow HPT arrangements for sample collection

MEASLES POSSIBLE/PROBABLE - SEND SAMPLE FOR LOCAL LABORATORY TESTING

- Take viral green top throat swab
- Label sample: Patient ID (minimum of first name & surname + DOB + MRN or NHS no.), date & time
- Request order for measles RNA via EPR
- If serology is required, take serum for measles IgG/IgM. Order test via EPR
- Deliver samples to Pathology Reception and advise staff to send to Virology Laboratory (ASPH) as soon as possible

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Inform Local Infection team

- **Do not call during the night** – call the next day during daytime hours as follows:
  - **Infection Control Nurses Mon to Fri 09:00 – 17:00**
  - **Duty Microbiologist Sat & Sun 09:00 – 17:00**

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Take other samples as clinically indicated