Generalized Vesicular or Pustular Rash Illness Protocol

Patient with Acute, Generalized Vesicular or Pustular Rash Illness

Institute Airborne & Contact Precautions Alert Infection Control on Admission

Low Risk for Smallpox (see criteria below)

Moderate Risk of Smallpox (see criteria below)

High Risk for Smallpox (see criteria below)

History and Exam

Highly Suggestive of Variella

Diagnosis Uncertain

Varicella Testing Optional

Test for VZV and Other Conditions as Indicated

Non-Smallpox Diagnosis Confirmed Report Results to Infl Control

No Diagnosis Made Ensure Adequacy of Specimen ID or Derm Consultant Re-evaluates Patient

Response Team Advises on Management & Specimen Collection

Cannot Rule Smallpox Contact Local/State Health Dept

Testing at CDC

Can Not Smallpox Further Testing Smallpox

CRITERIA FOR DETERMINING RISK OF SMALLPOX

High Risk for Smallpox: report immediately

1. Febrile prodrome (see below) AND
2. Classic smallpox lesions (see below and photo at right) AND
3. Lesions in same stage of development (see below)

Moderate Risk for Smallpox: urgent evaluation

1. Febrile prodrome (see below) AND
2. One MAJOR smallpox criterion (see below) OR
2. 2 OR MORE minor smallpox criteria (see below)

Low Risk for Smallpox: manage as clinically indicated

1. No viral prodrome OR
2. Two or fewer minor smallpox criteria (no minor criteria)

MAJOR SMALLPOX CRITERIA

VEREILLE PRODROME: occurring 3-4 days before rash onset; fever >102°F and at least one of the following: prostration, headaches, backache, muscle, vomiting or severe abdominal pain. All smallpox patients have a febrile prodrome. The fever may drop with rash onset.

CLASSIC SMALLPOX LESIONS: deep, erythematous, round, well-demarcated, may be confluent or confluent.

LESIONS IN SAME STAGE OF DEVELOPMENT: on any one part of the body (e.g., the face, or arm) all the lesions are in the same stage of development (i.e., all are vesicles, or all are pustules).

MINOR SMALLPOX CRITERIA

Centripetal distribution: greatest concentration of lesions on face and distal extremities

Vertebral lesions on the neck, back, shoulders, or buttocks

Fever, prostration, headache, backache, chills, vomiting or severe abdominal pain

NON-SMALLPOX CRITERIA

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