DHA IHB Clinical Guidelines for Adverse Event following Smallpox Vaccine:
Contact Transmission (non-ocular) - New lesion(s) following close contact with Smallpox Vaccinee

**Close contact with Smallpox Vaccine vaccinee within the past 30 days?**

- **YES**
  - Contact is considered high risk for smallpox vaccine (SPV) adverse events?
    - ATOPIC DERMATITIS, EXFOLIATIVE SKIN CONDITIONS
    - IMMUNOCOMPROMISED/IMMUNOSUPPRESSED
    - PREGNANT
    - INFANT (<12 months)
  - Evaluate for potential serious adverse events like eczema vaccinatum, generalized vaccinia, and progressive vaccinia
  - If contact pregnant, refer to National Smallpox Vaccine in Pregnancy Registry at 619-553-9255 or DSN 553-9255.
  - Consider referrals to Dermatology, Ped Infectious Disease/Infectious Disease, and Allergy/Immunology

- **NO**
  - New onset lesion(s) appearing at least 4 days following exposure?
    - **YES**
      - Lesions in localized area?
        - **NO**
          - If generalized rash, consider urticaria, generalized vaccinia, erythema multiforme, and eczema vaccinatum
        - **YES**
          - Lesions near or in the eye?
            - **NO**
              - Refer to Ocular Contact Transmission Guidelines
            - **YES**
              - Lesions appear in any one of the following stage: papules, vesicles, pustules, or scab?
                - **NO**
                  - Refer all cases to the IHB for case review, entry into Smallpox Vaccine Contact Transmission Registry and filing of VAERS report. Include vaccinee and contact identifiers/contact information, when possible and photos of lesion(s).
                - **YES**
                  - Refer to Ocular Contact Transmission Guidelines

- **NO**
  - Evaluate for other etiologies

**Consultation:** Call the Worldwide DHA Immunization Healthcare Support Center at (877) GETVACC (438-8222) to request clinical consultation.

Refer **all** cases to the IHB for case review, entry into Smallpox Vaccine Contact Transmission Registry and filing of VAERS report. Include vaccinee and contact identifiers/contact information, when possible and photos of lesion(s).

**Version 4**

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