Intradermal Administration of Imvamune®

The National Advisory Committee on Immunization (NACI) has issued updated interim guidance for the off-label intradermal (ID) administration of a fractional dose (1/5th of the standard dose) of Imvamune® vaccine as a second dose following a first dose given subcutaneously (SC). This recommendation is in the context of limited Imvamune® supply and intended as a dose-sparing strategy to maximize vaccine coverage for those at highest risk of exposure to the monkeypox virus.

Resources that are available to support healthcare professionals with the safe and effective administration of the Imvamune® vaccine via the intradermal route include:

- **BC Immunization Manual, Part 4 – Biological Products, Imvamune®**
  Includes the dose and schedule for the standard SC dose regimen and the alternate SC and ID dose regimen for this product, as well as the guidance related to administration, precautions, special considerations, contraindications, and adverse events associated with the respective dose/route regimens.

- **BC Immunization Manual, Appendix B – Administration of Biological Products**
  Provides best practice guidelines for the preparation and administration of vaccines. Section 14.8 *Intradermal Injections* (page 25) provides guidance for the administration of biological products via the intradermal (ID) route. This section includes images as well as a video demonstration of ID administration.

- **Additional US resources:**
  Note: JYNNEOS™ is the brand name for the monkeypox vaccine available in the US. Imvamune® is the monkeypox vaccine supplied in Canada, and guidelines for its use contained in the BC Immunization Manual, *Imvamune®* page, should be followed.

  - **US Centers for Disease Control and Prevention - Interim Clinical Considerations**
    includes the following resources:
    - Demonstration video: Administering JYNNEOS Intradermally
    - Images: Administering JYNNEOS Intradermally

- **APhA Intradermal Injection Technique course**
  This 15-minute course reviews appropriate techniques for administering intradermal injections.

- **Immunization Skills Checklist**
  An employer tool that can be utilized to assess competence of their staff. Employers can determine how to utilize the checklist within their jurisdictions; typically the skills assessment is facilitated by an immunization-competent healthcare professional such as a supervisor or clinical educator.