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Study: Smallpox vaccine efficiently induces immunity against mpox virus infection in people living with HIV

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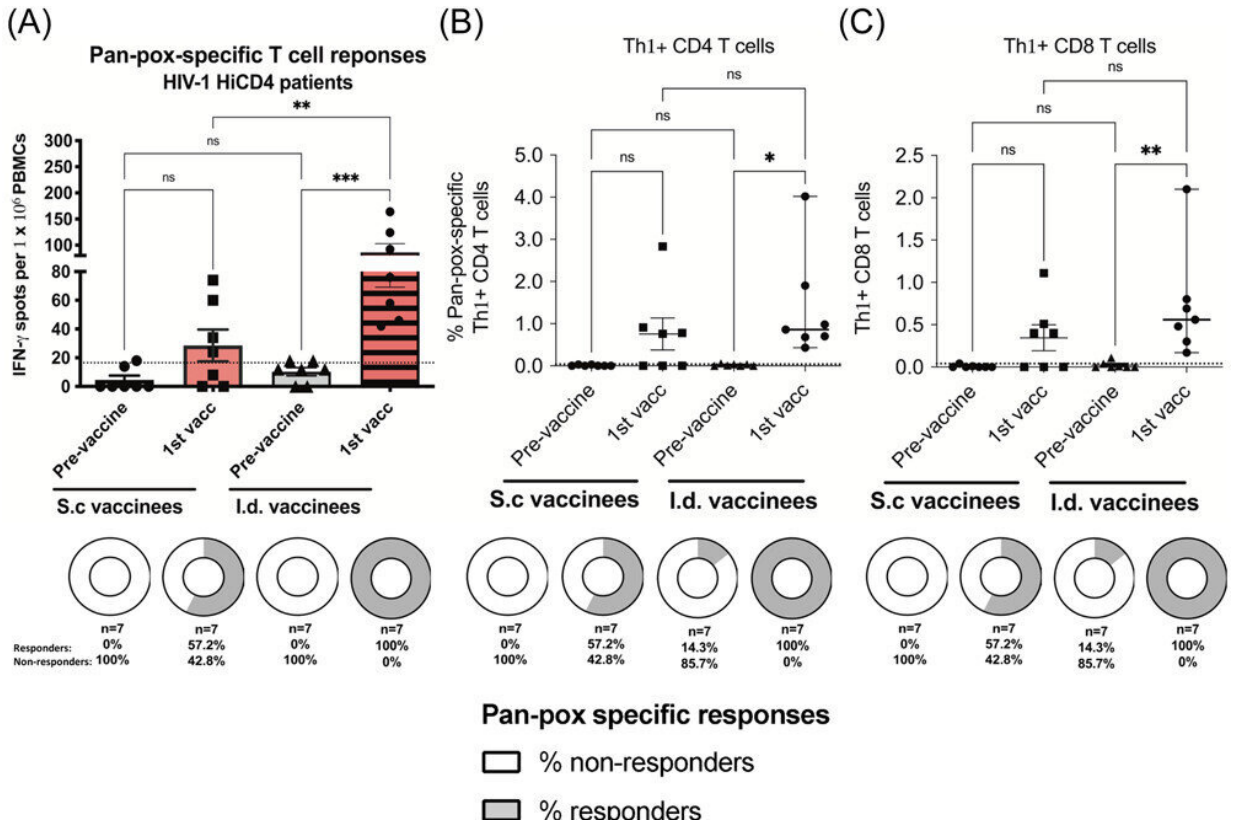

Comparison of subcutaneous (s.c.) and intradermal (i.d.) JYNNEOS vaccination routes. Pan-pox-specific interferon-γ (IFN-γ) enzyme-linked immunospot (ELISpot) (A), Th1 CD4+ (B), and Th1 CD8+ (C) T-cell responses after i.d. or s.c. JYNNEOS vaccination of human immunodeficiency virus-1 (HIV-1) hiCD4 group individuals. Pan-pox-specific α4β7+ CD4+ (D) or CD8+ (E) T-cell responses for HC and HIV-1-infected individuals after s.c. or i.d. JYNNEOS

vaccination. Given are the differences in percentages to the prevaccination time point. Individual values for IFN-γ ELISpots and intracellular cytokine staining (ICS) assays are shown. Statistically significant differences between the groups were calculated using a one-way analysis of variance test for parametric data or a Kruskal–Wallis test for nonparametric data. Nonsignificant differences were indicated as “ns” and differences with p values

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