

Documents

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The Human Mpox Global Outbreak: Available Control Tools and the Opportunity to Break a Cycle of Neglect in Endemic Countries
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Abstract

The 2022 global outbreak of human Mpox (formerly monkeypox) virus (MPXV) infection outside of the usual endemic zones in Africa challenged our understanding of the virus's natural history, transmission dynamics, and risk factors. This outbreak has highlighted the need for diagnostics, vaccines, therapeutics, and implementation research, all of which require more substantial investments in equitable collaborative partnerships. Global multidisciplinary networks need to tackle MPXV and other neglected emerging and reemerging zoonotic pathogens to address them locally and prevent or quickly control their worldwide spread. Political endorsement from individual countries and financial commitments to maintain control efforts will be essential for long-term sustainability. Copyright © 2023 American Society of Tropical Medicine and Hygiene.

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ansuvimab, atoltivimab plus maftivimab plus odesivimab, brincidofovir, cidofovir, jnneos, placebo, smallpox vaccine, tecovirimat, ZMapp; case fatality rate, cross protection, cytomegalovirus retinitis, disease re-emergence, Ebola hemorrhagic fever, endemic disease, epidemic, epidemiological surveillance, human, infection control, monkeypox, neglected disease, nonhuman, orthopoxvirus infection, post exposure prophylaxis, poxvirus infection, Review, smallpox, viral zoonosis, virus transmission

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