



# ACIP Ebola Virus Vaccine Work Group

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**Advisory Committee on Immunization Practices**

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# Ebola Vaccine ACIP Work Group

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# Recap of Ebola Virus Vaccine Session, February 2020

- ACIP recommended preexposure vaccination with Ervebo<sup>®</sup> for adults aged ≥18 years in the U.S. population who are at highest risk for potential occupational exposure to Ebola virus species *Zaire ebolavirus* because they are:
  - responding to an outbreak of Ebola Virus Disease (EVD), or
  - work as health care personnel<sup>1</sup> at federally designated Ebola treatment centers in the United States, or
  - work as laboratorians or other staff at biosafety level 4 facilities in the United States.

## Key Events Since February 2020

- 10<sup>th</sup> EVD outbreak in Democratic Republic of Congo (DRC) declared over June 25, 2020
  - 3470 cases and 2287 deaths (66%)
- 11<sup>th</sup> EVD outbreak DRC (Mbandaka Province) declared June 1, 2020
  - Outbreak declared over November 18, 2020
  - 130 cases, 55 deaths (42.3%)
- October 14, 2020, FDA approved Inmazeb<sup>®</sup> (REGN-EB3) for the treatment of EVD caused by species *Zaire ebolavirus* in adult and pediatric patients

## Key Events Since February 2020

- December 21, 2020, US FDA approved Ebanga<sup>®</sup> (mAb-114) for the treatment for *Zaire ebolavirus* (Ebola virus) infection in adults and children.
- January 7, 2021, Use of Ebola Vaccine: Recommendations of the Advisory Committee on Immunization Practices published in MMWR Recommendations and Reports
- February 7, 2021, EVD outbreak reported in North Kivu Province, Democratic Republic of Congo
- Feb 14, 2021, EVD outbreak reported in N'Zerekore Prefecture, Guinea

# WG Activities and Discussions Since February 2020

- Identified 2 additional U.S. populations at risk for *potential* occupational exposure to Ebola virus (species *Zaire ebolavirus*) for whom potential policy options are **under consideration**:
  - Healthcare personnel<sup>1</sup> (HCP) at a state designated Ebola Treatment Centers involved in the care and transport of confirmed EVD patients
  - Individuals who work as laboratorians and support staff at Laboratory Research Network (LRN) facilities that handle replication competent Ebola virus (species *Zaire ebolavirus*)

<sup>1</sup>See slide #10

# Agenda Overview

- Survey of healthcare workers at state designated Ebola Treatment Centers and LRN facilities
  - Allison Joyce, CDC/VSPB
- WG discussions on expansion of recommendations to state designated Ebola Treatment Centers and LRN facilities
  - Dr. Caitlin Cossaboom, CDC/VSPB



# Healthcare Personnel Definition

- 1 Healthcare personnel (HCP) refers to all paid and unpaid persons serving in healthcare settings who have the potential for direct or indirect exposure to patients or infectious materials, including body substances (e.g., blood, tissue, and specific body fluids); contaminated medical supplies, devices, and equipment; contaminated environmental surfaces; or contaminated air. These HCP include, but are not limited to, emergency medical service personnel, nurses, nursing assistants, physicians, technicians, *clinical laboratory personnel*, *autopsy personnel*, therapists, phlebotomists, pharmacists, students and trainees, contractual staff not employed by the healthcare facility, and persons not directly involved in patient care, but who could be exposed to infectious agents that can be transmitted in the healthcare setting (e.g., clerical, dietary, environmental services, laundry, security, engineering and facilities management, administrative, billing, and volunteer personnel).

Adapted from <https://www.cdc.gov/infectioncontrol/guidelines/healthcare-personnel/index.html>

For more information, contact CDC  
1-800-CDC-INFO (232-4636)  
TTY: 1-888-232-6348 [www.cdc.gov](http://www.cdc.gov)

The findings and conclusions in this report are those of the authors and do not necessarily represent the official position of the Centers for Disease Control and Prevention.