# Our Commitment to Combating Ebola





Cour vision is to protect people and communities at risk of Ebola by preventing outbreaks of this devastating disease before they can begin. 99

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## Johnson & Johnson's Ebola Vaccine

The preventive Ebola vaccine regimen, Zabdeno® (Ad26.ZEBOV) and Mvabea® (MVA-BN-Filo), contains vaccines based on:

- Janssen's AdVac® technology (Zabdeno®)¹
- Bavarian Nordic's MVA-BN® technology (Mvabea®)

Available clinical data indicate that the two-dose regimen induces a robust and durable immune response in adults and children.<sup>2-12</sup> Data also demonstrate that booster vaccination with Zabdeno®, administered to adults two years after the initial vaccination, induces a strong immune response.<sup>11</sup>



250,000+

people worldwide vaccinated with at least the first dose



15
Janssen clinical studies

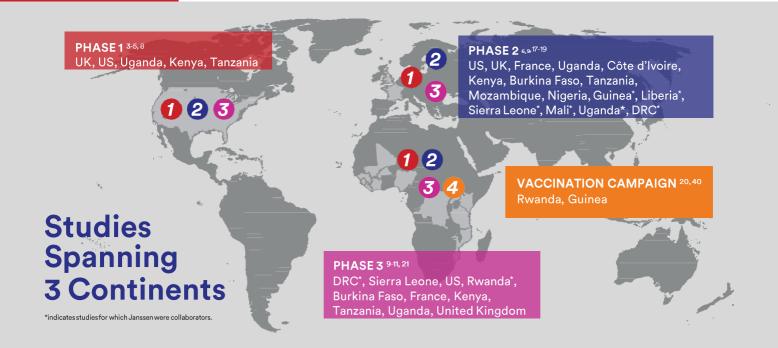
Our Progress



Phase 1, 2, 3 trials show robust and durable antibody response



European Commission Approval & WHO Prequalification for J&J's preventive Ebola vaccine





#### Working in Partnership

Johnson & Johnson has made a significant investment in our Ebola vaccine development program. We are also grateful for development and funding support from:

- Bavarian Nordic A/S
- Biomedical Advanced Research and Development Authority (BARDA)
- Innovative Medicines Initiative (IMI)
- National Institutes of Health (NIH)

Additionally, we acknowledge the support of our many clinical program partners:

- Centre Muraz
- Coalition for Epidemic **Preparedness** Innovations
- College of Medicine and Allied Health Sciences (University of Sierra Leone)
- Democratic Republic of the Congo Ministry of Public Health
- Emory University's Project San Francisco (Kigali) / Center for Family Health Research
- Epicentre
- Grameen Foundation
- Inserm
- Inserm Transfert
- Institut National de Recherce Biomédicale (INRB)
- London School of Hygiene & Tropical Medicine

- Médecins Sans Frontières
- Republic of Rwanda Ministry of Health and Rwanda Biomedical Center
- Rinda Ubuzima
- Sierra Leone Ministry of Health and Sanitation
- Uganda Virus Research Institute
- University of Antwerp
- University of Oxford
- Université de Kinshasa
- Vibalogics GmbH
- Walter Reed Army Institute of Research
- Wellcome Trust
- World Health Organization
- World Vision Ireland

...and all the people who participated in the Ebola vaccine clinical trials.

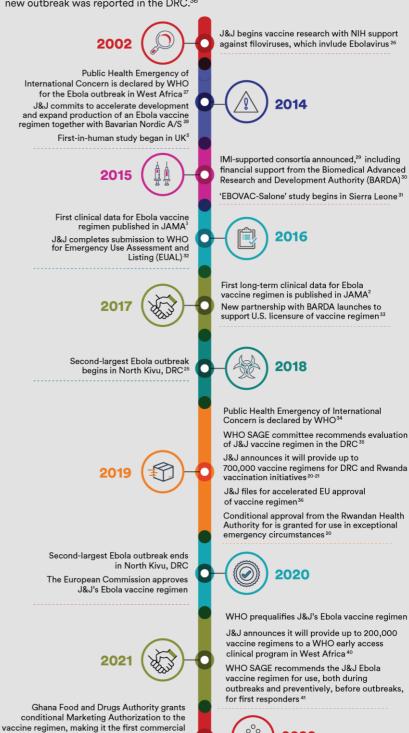
### Commitment to **Pandemic Preparedness**

Johnson & Johnson is one of the few innovative healthcare companies that is actively engaged on pandemic preparedness and response. Through our Janssen Pharmaceutical Companies, we are developing new vaccines and/or treatments to combat infectious diseases, including:37-38

- COVID-19
- Ebola
- Hepatitis B
- HIV
- Influenza
- Tuberculosis
- Dengue

#### **Ebola Timeline**

The Ebola virus was first discovered in 1976 near the Ebola River in what is now the Democratic Republic of the Congo (DRC).<sup>22</sup> Over the past 45 years, there have been multiple Ebola outbreaks.<sup>23</sup> The worst to date was the West African Ebola epidemic, which caused nearly 30,000 cases and more than 11,000 deaths across Guinea, Libera and Sierra Leone in 2014-2016.<sup>24</sup> The world's second-largest Ebola outbreak took place in the DRC in 2018-2020, causing more than 3,000 cases and 2,000 deaths.<sup>25</sup> In 2021, new outbreaks were reported in the DRC and Guinea and in 2022, a new outbreak was reported in the DRC.36



regulatory approval in Africa

To date, more than 250,000 people worldwide have been vaccinated with at least the first dose of J&J's Ebola vaccine regimen

2022

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