



PLEASE HAVE A LOOK AT  
BEFORE ENTER

**Accelerating access to Ebola vaccines**  
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# Introduction

A strategic approach is key to accelerate access to Ebola vaccines; often parallel rather than sequential development

Beyond accelerated R&D, tangible policies and approaches that may promote timely and appropriate distribution of vaccines fall along the following lines:

- Funding and procurement mechanisms
- Stronger health systems to address public health needs
- Ensuring needs based access
- Preparedness and future outbreaks

# 1. Funding and procurement mechanisms

- **Additional funding:** Funding provided to address the Ebola outbreak must be additional and not replace current donor contributions; especially for downstream activities.
- **Transparency:** Of procurement and subsidies to manufacturers to compensate investment:
  - Mapping donor and public sector funds for R&D
  - Publish subsidies for appropriate vaccine price negotiations
  - Confirmation of production cost (per dose)
- **Separation of costs:** Compensation subsidies for product development should be separated from the actual price paid
- **Start with a classic procurement mechanism, with assured funding**



## 2. Stronger health systems to address public health needs

- **Health system strengthening:** Weakened health care systems in affected countries must be prioritised and expanded to both address current and future outbreaks and other public health issues.
- **EPI vaccine strategy:** Ensure delayed and interrupted vaccination is carried out for standard EPI vaccines to provide adequate paediatric protection from vaccine-preventable diseases.
- **Timing of decisions:** Urge govts and other to act quickly to contribute to the growing global response.

## 3. Ensuring needs based access

- **Available supply and stockpiling:** Sufficient doses may / not be available due to competing demands from countries that wish to establish a stockpile for biodefense or public health goals.
- **Global solidarity:** Regarding near term purchases some countries that could face an outbreak may not be able to pay for vaccines irrespective of pricing.

## 4. Preparedness and future outbreaks

- **Develop a second generation vaccine:**
  1. Adapted to conditions in affected countries (thermo-stability)
  2. Covers multiple filovirus strains
  3. Provides longer duration of protection
  4. At lowest possible price, setting a widely affordable target price
- **Future outbreak strategies and preparation:** Flexible delivery strategy & rapidly deployable stockpile to ensure access
- **Identify additional suppliers if relevant:** Encourage additional vaccine manufacturers to invest in the development and production of an Ebola vaccine, including technology transfer
- **Strengthening surveillance:** need to also invest, including in innovation aspects: e.g. diagnostics; when to deploy..



# Where are we know?

- **Significant public funding for R&D invested**
- **Gavi and WHO moving to secure supply and possibly incentivise 2<sup>nd</sup> generation Vax**
- **Steps taken by certain manufacturers to scale up supply**
- **Collaboration btw companies to optimise approach: GSK - J&J**
- **Rate limiting factor remains R&D:**
  - Need rapid and full disclosure of phase I and then II data for decision making
  - Focus on 1st generation for short term, invest in 2<sup>nd</sup> generation
  - With evolving outbreak: need to ensure phase III is implementable, generates data, sets a pragmatic efficacy bar beyond dosing & safety; optimisation strategies can follow.

# And beyond?

- **Do we need to start thinking about a international ‘biothreat’ fund**
- **Not a new discussion; has also occurred in various guises**
- **To consider:**
  - Scope of diseases (pandemic flu, AMR)
  - Activities: R&D funding, alternative models of incentives and rewarding innovation, procurement & stockpiling
  - Who would take responsibility: WHO, multiple GHAs, something new? Role of industry?
  - How would this be funded: sustainable, long term, not donor driven
  - How will this fit in with National /Regional initiatives
  - Public Health & Security



A healthcare worker wearing a full white protective suit, goggles, and a light blue surgical mask is holding the hand of a young child. The worker is also wearing yellow protective pants and light blue gloves. The child is wearing a white shirt. They are in a room with light blue walls. There is some torn paper on the wall in the background.

**Thank you**  
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