



Meeting 3 of the Committee on the Current State of Research, Development, and Stockpiling of Smallpox Medical Countermeasures

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USG Needs

- Potential **strategic approach(es) for stockpiling** smallpox MCMs to ensure preparedness to respond while acknowledging the realities of a resource-constrained environment
- An enumeration of ***ways in which research using live variola virus*** can benefit preparedness for a smallpox outbreak, including vaccine and therapeutics research

Factors for Consideration

When providing insights on stockpiling approach for smallpox MCMs, keep in mind

1. Vaccine/therapeutic safety and applicability
2. General public's willingness to use vaccines
3. Storage requirements (including potential for long-term storage)
4. Vaccine administration (e.g., method, # doses required)
5. Commercial manufacturing capability
6. Future development of mRNA-based vaccines
7. Distribution requirements
8. Synthetic biology
9. How much (qualitative)
10. Potential scenarios
11. Costs

In a resource-constrained environment, ASPR must make difficult choices about how and what to stockpile for a host of threats.