



Beyond Borders, Between Species: A Global Analysis of Mpox Response Strategies in the Post-Pandemic Era

Immanuel Azaad Moonesar

Full Professor, Health Policy and Systems Research, Mohammed bin Rashid School of Government

Filipe Duarte

Assistant Professor, Catholic University & NRF, Mohammed bin Rashid School of Government

Contents

01 Background

02 Methods

03 Results

04 Discussion

05 Conclusions

1. Background

Mpox as Global Concern



Emergence

Mpox as global health concern,
challenging traditional response



Post-COVID

Healthcare systems impacted,
need for new frameworks



Objectives

Analyze mpox response strategies
across WHO regions

2. Methods:

Data & Analysis



Systematic Review

Regional response data, policy docs, intervention outcomes



Key Components

Surveillance, lab capacity, case mgmt, vaccines, risk comm.

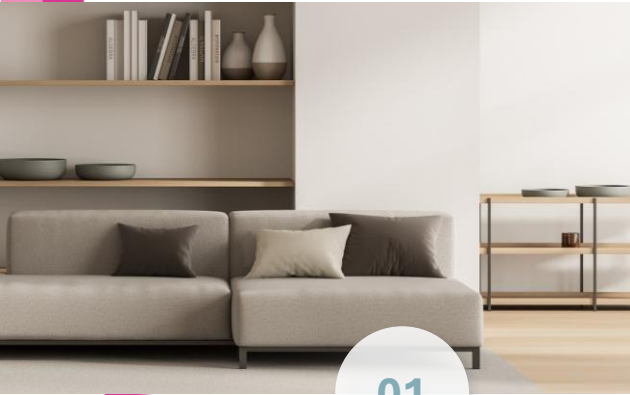


Approach

Comparative analysis across 6 WHO regions

3. Results

Regional Disparities



01

Surveillance

Variations in testing
capacity, infrastructure



02

Vaccines

Disparate access to
vaccines, therapeutics



03

Risk Comm.

Varying effectiveness
across cultural contexts

Common Challenges



01

Diagnostics

Limited lab capacity in
resource-constrained
areas

02

Risk Communication

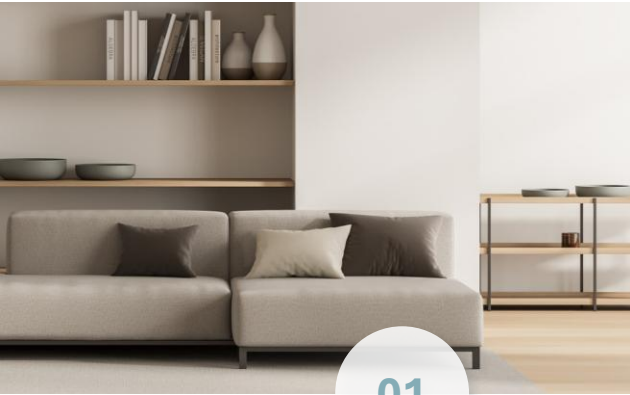
Gaps in effectiveness

03

Equity

Inequitable access to
vaccines, treatments

Innovative Solutions



01

One Health

Varying levels of integration,
critical gaps in some regions



02

Local Responses

Emergence of innovative solutions in
resource-limited settings



03

Key Findings

Disparities in preparedness, need for
coordinated global response

4. Discussion

Global Coordination

Disparities

- Underscore need for improved resource sharing, capacity building

One Health

- Growing significance in managing zoonotic diseases

Implications

- Enhanced global coordination, strengthened surveillance

5. Conclusion

Key Takeaways



Strengths & Weaknesses

Insights for improving future outbreak responses



Regional Disparities

Address gaps while maintaining global coordination



Future Directions

Evaluate long-term strategies, develop equitable frameworks

A cluster of colorful geometric shapes, including triangles and polygons in shades of pink, teal, and blue, positioned above the "THANK YOU" text.

THANK YOU



Immanuel Azaad Moonesar, PhD, RD

- *Scientific Policy Advisor*, International Vaccine Institute, Seoul, South Korea
- *Full Professor*, Health Policy and Systems Research, Mohammed bin Rashid School of Government
- Immanuel.moonesar@mbrsg.ac.ae
- <https://www.linkedin.com/in/iamoonesar/>