RISE
Reaching Impact, Saturation, and Epidemic Control

COVID-19 Pandemic Response

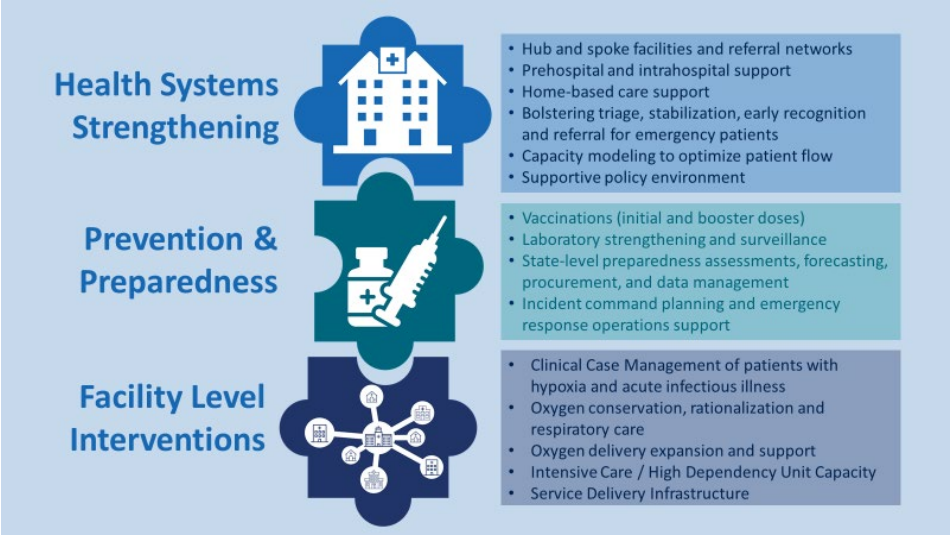
Tailoring Strategies to Address an Emerging Health Crisis

Funded by the US Agency for International Development (USAID), RISE assists countries to build sustainable responses to the HIV and COVID-19 pandemics, providing technical assistance, service delivery, and health system support to address pandemic priorities. The global project supports COVID-19 efforts in 16 countries: **Afghanistan, Bangladesh, Cameroon, Ecuador, Ethiopia, Ghana, Guinea, India, Kenya, Lesotho, Mozambique, Namibia, Nigeria, Rwanda, Sierra Leone,** and **Zimbabwe**. Utilizing system-focused strategies that are responsive, holistic and flexible in the face of each country's specific circumstances, RISE provides contextually appropriate technical assistance to address gaps identified through consultations with Ministries of Health (MoH), USAID missions, and other national and sub-national stakeholders.

COVID-19 Mitigation Highlights

- **16,726,022** COVID-19 vaccines administered
- **4369** facilities supported with COVID-19 case management TA
- **14** RISE-supported PSA plants for oxygen generation
- **63,630** trained on COVID-19 case management
- **29** national policies, protocols, and guidelines developed or adapted with USG and RISE support

RISE Technical Areas are Pieces of a Whole Solution



RISE builds upon partners' HIV expertise with hard-to-reach populations, community-based care facilities, and demand generation to mitigate the effects of COVID-19 on country populations and healthcare systems, while pivoting to protect global investments by the Global Fund and PEPFAR. Increasing vaccination rates, building capacity to care for COVID-19 patients, and ensuring a sustainable national supply of oxygen are at the center of RISE COVID-19 pandemic planning.

Vaccines

RISE began planning for COVID-19 immunization long before a vaccine was ready, adapting WHO templates, and collaborating with government programs on readiness assessments that informed national vaccination plans. RISE's support varies from combating misinformation and increasing acceptance, to preparing mobile vaccine brigades to reach the farthest terrains and vaccinate people often left out of national healthcare plans. In all cases, RISE utilizes its depth of experience in reaching

vulnerable adult and adolescent populations to inform vaccination strategies. Past logistics support for front-line care led to successful vaccine distribution plans.

- Establishing new vaccination sites for adults, with well-trained frontline workers in some cases pivoting from HIV prevention services
- Mapping of populations for micro-planning at national and sub-national levels
- Supportive supervision on effective vaccine handling and distribution, and on adverse events following immunization

Clinical Case Management and Basic Emergency Care

RISE is ready to ameliorate deficits identified through skills assessments, like the lack of case management or basic emergency care proficiency seen in COVID-19 wards. In partnership with the Johns Hopkins University Center for Global Emergency Care and academic leaders around the world, RISE strengthens country clinical care, infectious disease surveillance, and optimizes emergency operations.

- Early support includes modification of standard operating procedures, protocols, and clinical algorithms for triage and stabilization to meet the sudden demands of COVID-19 cases, and optimize patient flow
- Building on two decades of HIV pandemic support, RISE is piloting a test-to-treat approach for early detection and treatment of COVID-19 to halt disease spread
- RISE works with national governments to leverage new and existing data to predict hotspots in need of immediate resources

Oxygen

RISE technical assistance (TA) seeks to grow the capacity of partner countries to meet immediate demands while leaving new infrastructure in place that strengthens local health systems. As COVID-19 spread, demand for and availability of medical oxygen reached crisis levels. USAID stepped in to alleviate this need with a variety of oxygen equipment donations and called on RISE to support with TA.

- Oxygen interventions focus on best practices in clinical care, and maintenance of oxygen devices for maximum production. Medical providers are trained to manage hypoxia and to apply safe titration for optimum oxygen therapy
- RISE partners with MOHs and other stakeholders to conduct national needs assessments that strategically grow the local oxygen ecosystem, then develop policies, procedures, and job aids to institutionalize learning
- Biomedical engineers and technicians are introduced to the latest, evidence-based manuals to maintain or repair oxygen resources like pressure swing adsorption (PSA) or liquid oxygen (LOX) plants and patient respiratory devices like BiPAP, CPAP and HFNC
- RISE supports hospital administrators to build and employ oxygen dashboards for system-wide planning and forecasting

Key Award Information:

RISE is led by Jhpiego, in consortium with: ICAP at Columbia University (ICAP), Management Sciences for Health (MSH), ANOVA Health Institute (ANOVA), BAO Systems, JHU Center for Public Health and Human Rights (JHU), and Mann Global Health (MGH)

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