

Can innovation help improve the standard of care everywhere?

Research and clinical management of patients during outbreaks: Updates and priorities

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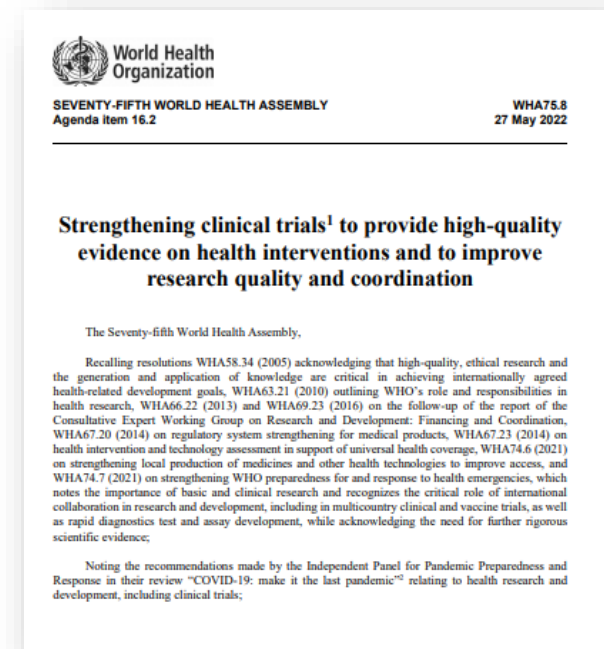
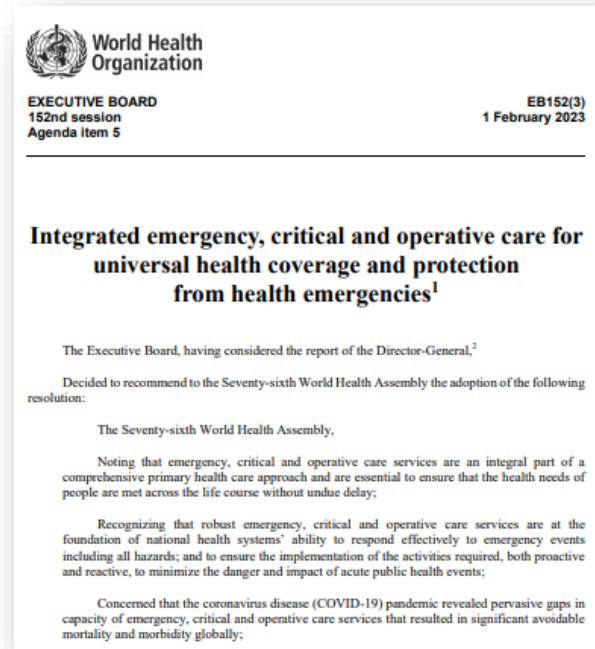
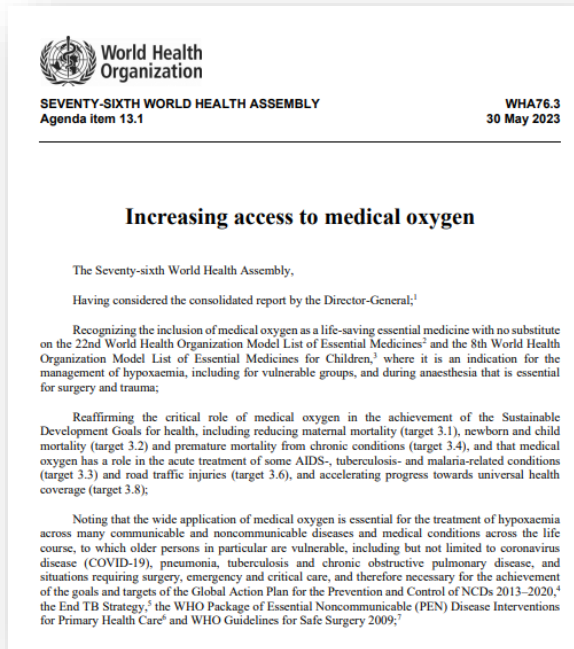
The 3rd Global Research and Innovation
Forum



Key achievements

Focusing on improving supportive care

The research that changes the lives of patients is driven by questions centred on clinicians, health systems, and patients.



Key achievements

Focusing on evidence to improve supportive care



Key achievements

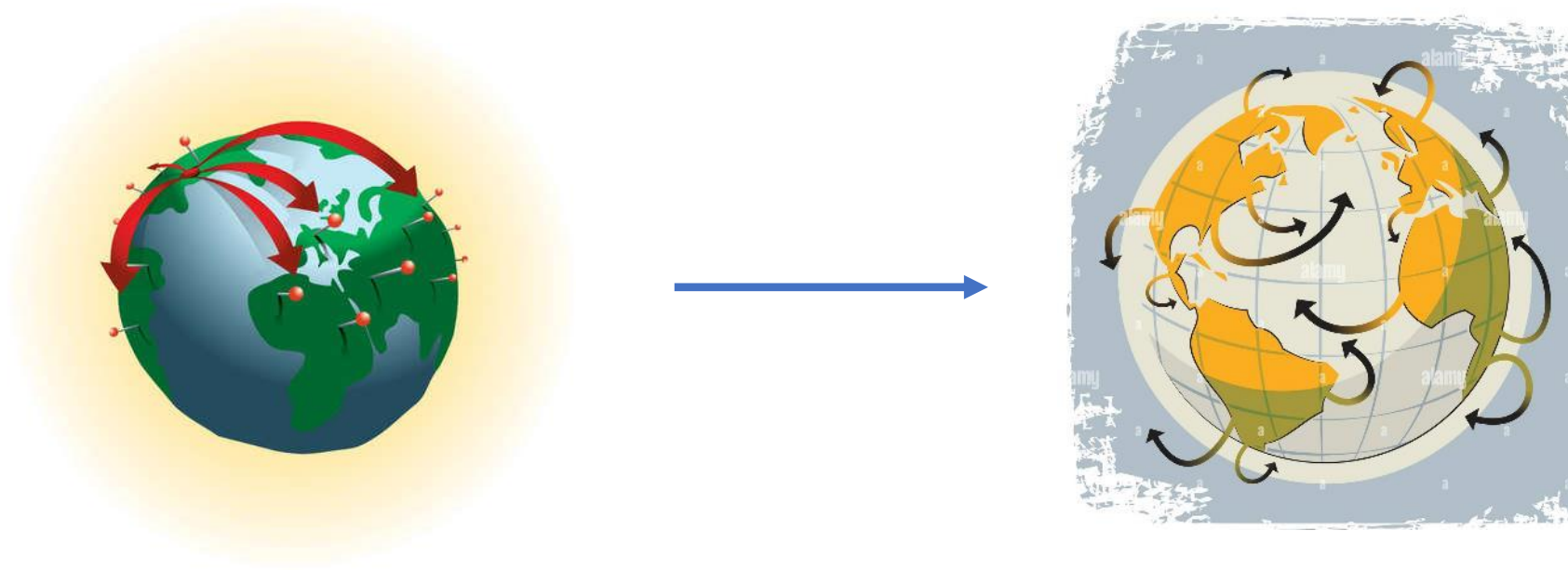
Focusing on prioritizing what supportive care elements in what population are important

- Transparent prioritization process with true engagement of communities
- Integrating pre-hospital, hospital, and post-hospitalization populations
- Evaluating novel interventions, processes of care, and other care strategies

Key achievements

Building a research infrastructure centred on trust

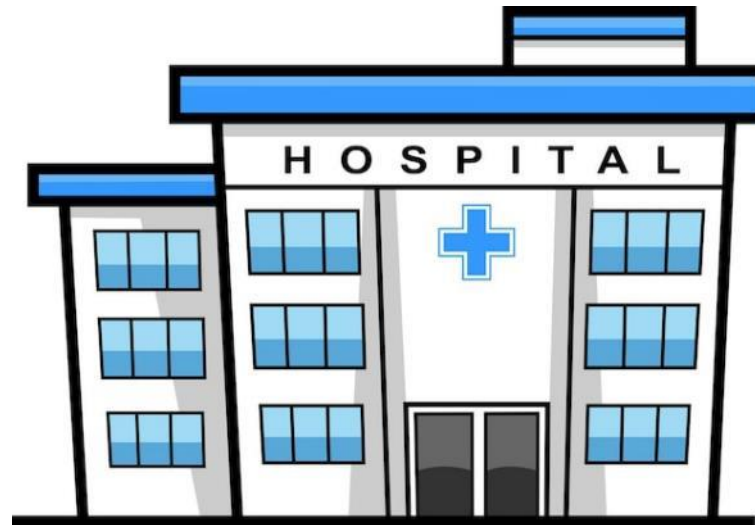
The research that changes the lives of patients is built on trust and collegiality between the researchers.



Key achievements

Focusing on research preparedness

The research that changes the lives of patients is done by regions and institutions where they have done research before.



Key achievements

Focusing on merging clinical and research and public health work

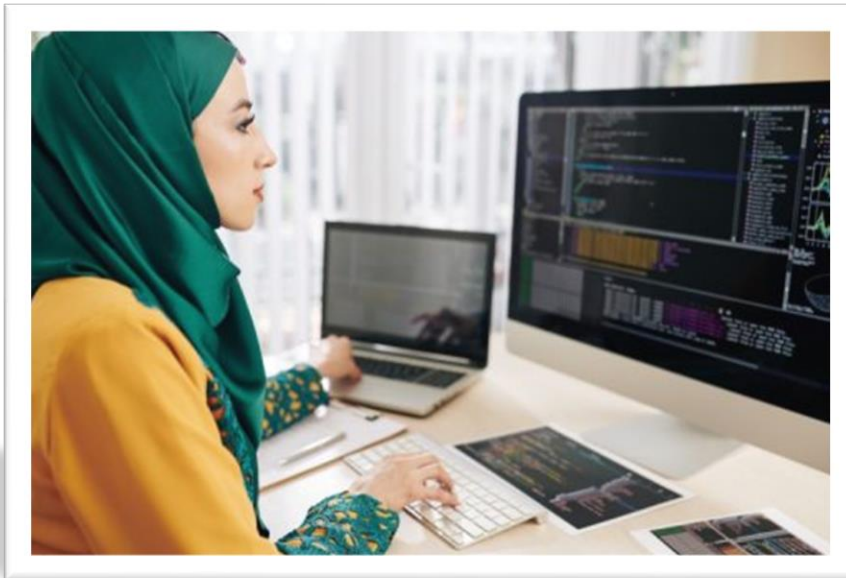
The research that changes the lives of patients is integrated into health systems and public health infrastructure for surveillance



Key achievements

Focusing on research coordination

The research that changes the lives of patients is done using pre-established tools such as outcome sets, common data variables, and standardized risk-assessments



Focusing on research data infrastructure

Having the database and case report forms operational and useful before the next pandemic/outbreak.

Module 1, page 1



World Health
Organization

PARTICIPANT ID²

Module 1: Background demographical and epidemiological information

This module is completed by ☐patient ☐caregiver (in case of children) ☐health care worker

Facility name of follow up visit (if applies) _____ Country _____

Date of module 1 completion: [__/[__/[___]___]___

1.1 Acute episode of COVID-19 information (first episode, in case of re-infection)

Does the patient have a WHO Rapid Core CRF Participant ID?

If Yes, report PARTICIPANT ID of CORE CRF

1.2 Demographics

Sex at Birth: Male Female Not specified

Age: [][] years; OR [][] months [][] days

Height (Length): [][][] cm

Weight: [][][] kg

Future research priorities



Future research priorities

Optimizing supportive care for acutely ill patients

- Improving access to research in acute care, to improve quality
- Prioritizing questions that are **globally** relevant for global evaluation
- And prioritizing questions that are **locally** relevant for local evaluation
- Constantly asking (and answering) research questions for severely ill patients around the world, to
 - i) **improve standards of care** for the next pandemic; and
 - ii) improve research capabilities for the next pandemic – for research on supportive care, health systems, and novel interventions

Big Research idea



Big research idea

Globally representative clinical surveillance and clinical data infrastructure that can immediately pivot to interventional research.

Big research idea

Federated with common variable sets and common data dictionaries,
under local control, trial-ready, with international sharing when necessary

Acknowledgements

- InFACT Toronto meeting collaborators
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- ISARIC
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