

Developing Holistic Infection Risk Management

Involving leaders and Stakeholders

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Introduction

The Covid -19 pandemic has put huge & unprecedented pressure on health systems over, particularly in the absence of cure and vaccine. Not only that but the economic impact is also staggering.

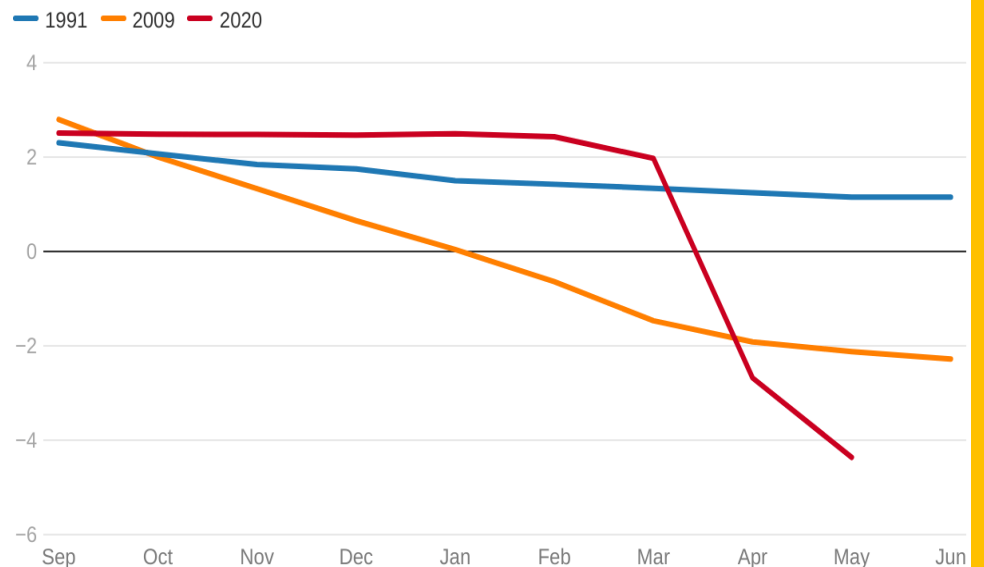


Economic Impact

- \$202.6 billion loss from COVID-19 expenses and lost revenue for hospitals and health systems from March 1 to June 30 with an average of over \$50 billion in losses a month in USA.
- \$420 billion losses in market capital between January and mid-March 2020, businesses across the Arab region.
- The loss of wealth is equivalent to 8 percent of the region's total wealth.

The COVID-19 recession has seen the fastest, steepest downgrades in consensus growth projections among all global recessions since 1990

Consensus forecasts of global GDP (percent)



September to December shows forecasts made in the previous year, while January to June shows data for the current year. Data for 1991 are for advanced economies only due to data availability.

Source: Consensus Economics, World Bank



Impact on health systems

- Serious disruptions (Partial /total) of services: countries report Up to 50% of NCD services (hypertension , Diabetes and diabetes-related complications ,cancer treatment & cardiovascular emergencies).
 - Rehabilitation services have been disrupted in almost two-thirds of countries
 - 94% of countries, ministry of health staff working in the area of NCDs were partially or fully reassigned to support COVID-19.
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Impact on population



Mobility restriction



Loss of work/ Income



Mental /psychological



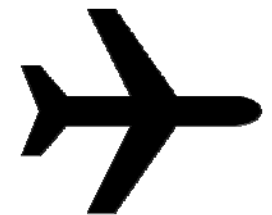
Increase morbidity /mortality
from epidemics



Increase morbidity/ mortality
From disruption of services & lack of
accessibility

The Need for A Holistic IRM

- With globalization, urbanization, intense mobility ,for sure COVID- 19 will not be the last pandemic. Next virus will spread fast and far with impossible prediction of its nature and where it will start spreading.
- We need to be prepared for the next pandemic and the second wave of of COVID-19.
- We have seen less than adequate performance in 1st world countries.



Holistic IRM that is characterized by:



Proactiveness



Visionary Leadership



Coordination



Adaptability



People centric



Innovation



Cost-effectiveness



Ethical Framework

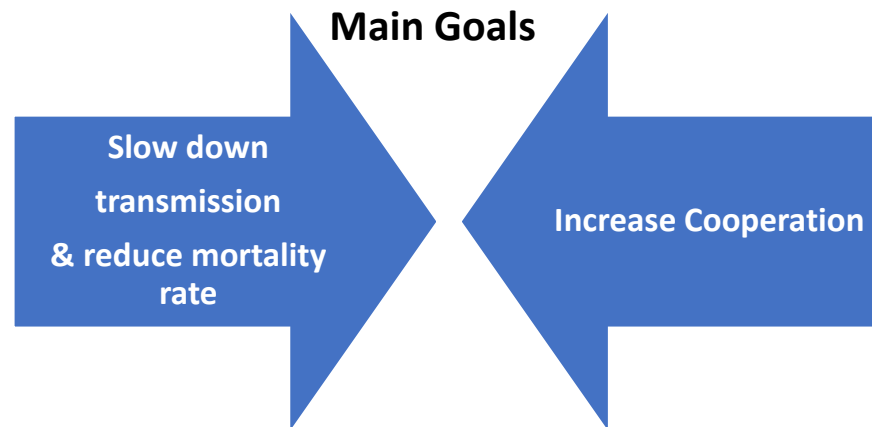
Confirmed with Success stories of countries: like New Zealand, Vietnam, Australia, Jordan...



In order to build strong & effective IRMP it is essential that we early Identify & Engage

Stakeholders and Main Players

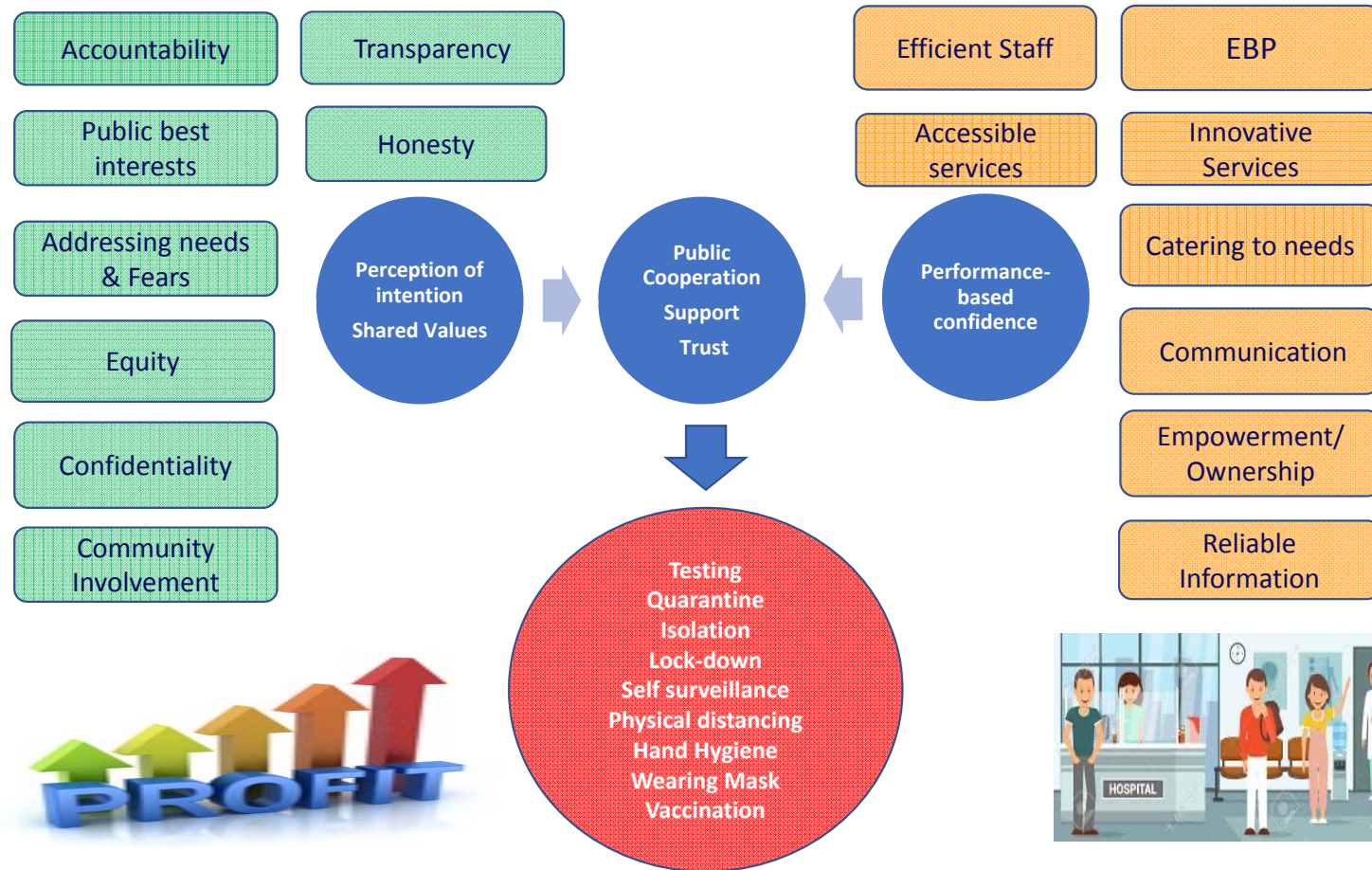
**Individuals, Families and Society
Major stakeholders**



**Building Public Trust
What Does the Public Want to Hear?**



Message to Individuals, Families and Society



Health workforce

Main Goals:



Increase level of satisfaction



Improve retention rate

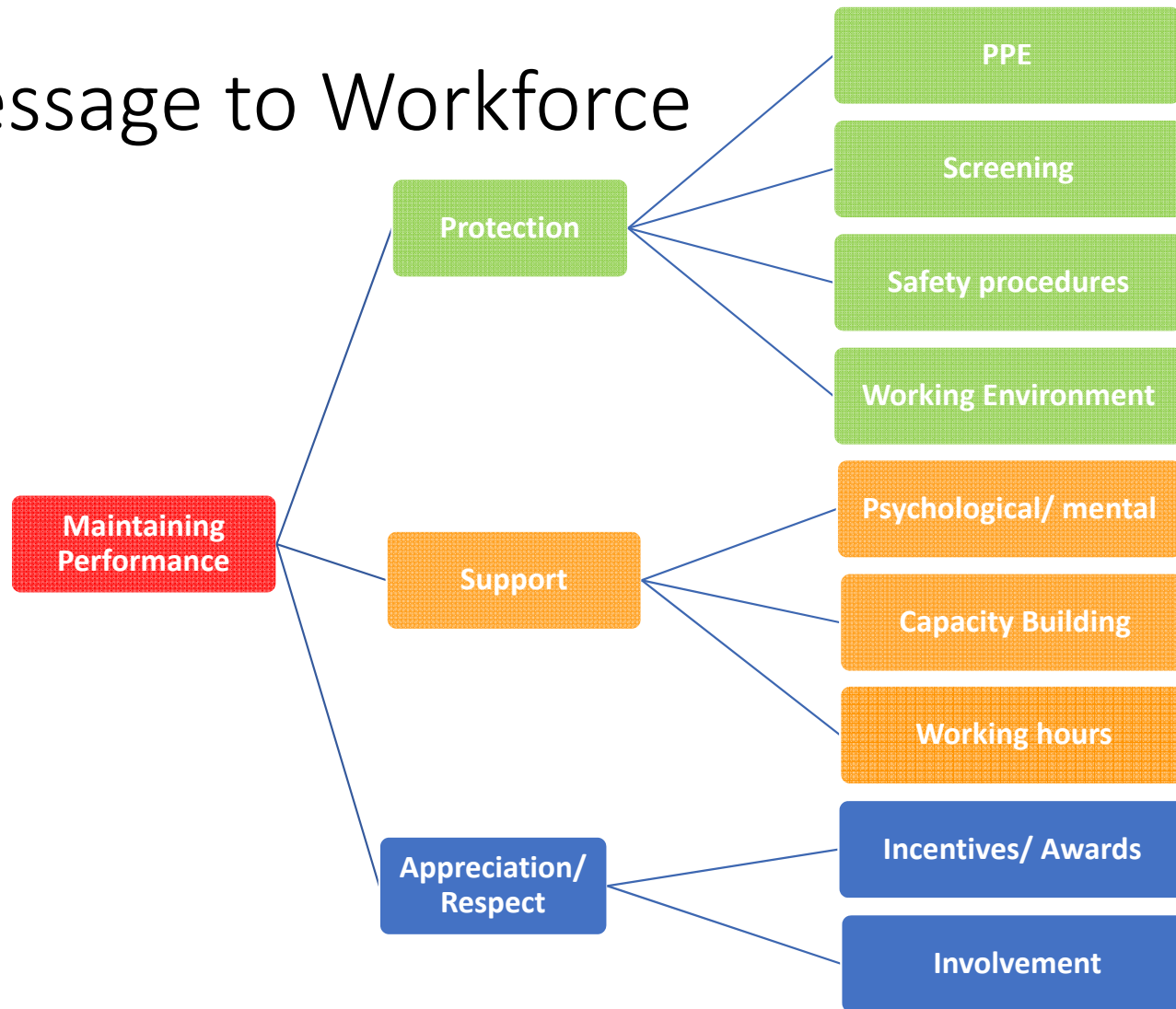


Improve performance



Improve quality of care.






Message to Workforce



Public Trust 

Private Health / Health Insurance Sectors

Major
collaborator
& partner

-  1.Expanding testing capacity of screening & early detection testing
-  Increasing the capacity of beds in ICUs/ isolation wards / quarantine units
-  1.Continuing supply of essential medical products (PPE items, medications, oxygen and ventilators....)
-  Offering facilities & staff for the treatment of non-Covid-19 patients
-  Including new services/ covering uninsured patients..

Maintaining Quality &
Continuity Of Health
Services



Public Trust 

Government Organizations , NGOs & CSOs :

Critical role in counteracting the pandemic:
Requiring early engagement and active involvement



Supporting health sector fighting pandemic.



Ensuring the continuation of essential services/ Provisions



Retooling production



Anticipating negative socio-economic impacts on the community.



Planning Post pandemic recovery



Protecting and empowering of workforce



Funds & Donations



Communication & increase awareness of public

Regional/International Organizations

WHO, UNICEF, EU,NATO, Kuwait fund, Red Crescent, Red Cross.....

- Coordinating international efforts.
- Initiating relief funds.
- Establish supply chain task force
- Provide/ share information & technical guidance.
- Acting as normative reference
- Supports transitional research network to produce vaccines.
- Airlifting of needed medical equipment and staff



World Health
Organization



الصندوق الكويتي للتنمية
Kuwait Fund For Development



MOH Main Stakeholder

Goal is to safeguard the health of the public:



Leading the nation during pandemics



Preventing community transmission, containing spread, reducing incidence and eradication of infection.



Maintaining effective patient care.



Reducing the pressure on health systems to manageable levels.



Coordinate with other sectors to mitigate the socio-economic negative consequences



Role Of Different Stake Holders

Surveillance
Detection/ screening
contact tracing
Quarantine
monitoring

Public Health
Primary Care
Tertiary Care
Rehab

Essential Services
Triage
Telehealth
Mental health

Activation
Emergency plans
Risk Assessment
Operation plans
Protocols....

Ownership
Risk
Communication
Active Engagement

Staff
Patients
Community
Partners

Resource Mx
Equipment/PPE
Funds

Work flow/ zoning
Environment
Housing

Building trust
Awareness

Holistic IRM National Level

7 Ps Holistic Value System

Purpose
Prevent/contain
Maintain Quality
Control costs

Products

Process

People

Provisions

Places

Promotion

Stake holders



Collaboration



Innovation

Communication

Adaptation

Proactiveness

Agility

Leadership

Ethical Framework



We are all in the same ship , without the right leadership & engagement of the whole team, it will not reach the shore of safety....