

# ABU DHABI COVID-19 Response



مركز أبوظبي  
للصحة العامة  
ABU DHABI PUBLIC  
HEALTH CENTRE



دائرة الصحة  
DEPARTMENT OF HEALTH





# Abu Dhabi Healthcare System

COVID 19- Response Global Recognition

Lowest  
**5**  
in mortality

**0**  
days  
of lockdown

Less than  
**0.5%**  
identification

Abu Dhabi Ranked **1<sup>st</sup>**  
and contributed to **top 3** ranking for UAE



Sep 2021  
Safety & Realism



Sep 2021  
International classification to  
address the pandemic on 40  
countries



Sep 2021  
Vaccination Rate



Sep 2021  
PCR Testing

- 8** Named “**Elite Organization**” of the year winning **8** categories for Covid 19- efforts, by Arab Hospital Federation 
- 13** Winning **13 awards** in the 2021 Middle East and North Africa Stevie® Awards 
- 1** Awarded by **Agility group** in recognition of its resilience, patronage & partnerships during the Covid 19- pandemic. 
- 2** Won **two awards** in Best Performer of the Year and Global Vaccine Distribution Initiative for Hope Consortium. 
- 2** Won **two awards** in Website Content and Social Media Content Category 
- 2** Won **two awards** in Technological Excellence Category 

# ABU DHABI Response Module





# Preperness and Preventions

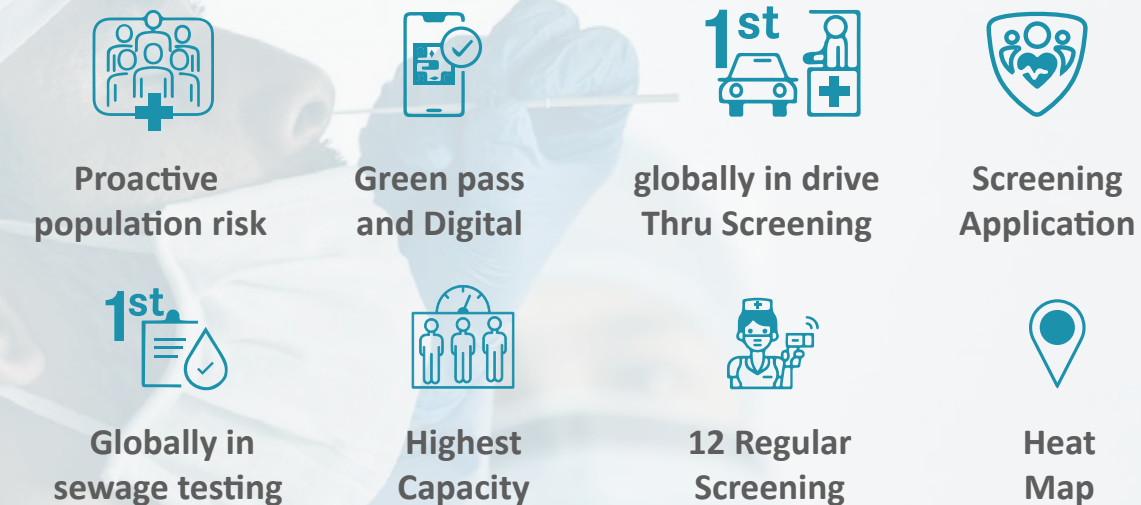
## PREPARE (Pre - Pendency)



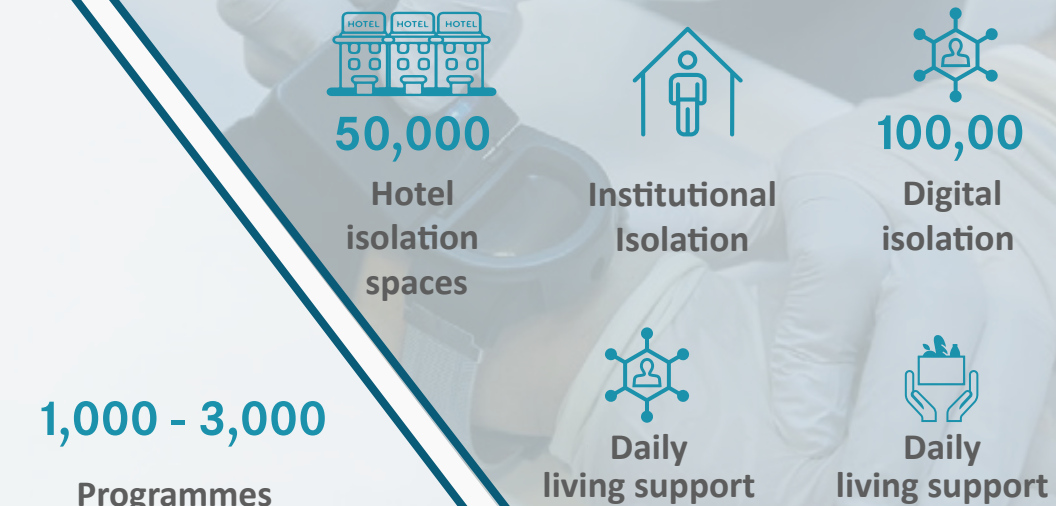
## TRACK



## TEST



## ISOLATE (and Quarantine)





# Treatment

## PROTOCOLS

1st

to acquire and start using Sotrovimab for treatment in the globe



Daily scientific report

32

new protocols in covid management  
(Financial bed capacity & digital health)

## CAPACITY



200%

increase in bed capacity within 8 weeks



6

Field hospitals



300%

increase in ICU fully equipped & staffed beds



10,000

isolation spaces & 50,000 quarantine spaces.



100,000

digitally enabled home quarantine

## WORK FORCE



3500

new healthcare professional in healthcare portal



500

Volunteers



+1000

Overseas nurses



+200

Overseas doctors




# Vaccination

6Bn  


Capacity of Vaccine doses Storage

27  


Drive Through Testing & Vaccine Centers

150,000  
  
vaccine capacity per day

120  
  
vaccination outlets & mobile units

8  


Approved vaccine

Nov 2020

Programme started



Earliest country to start booster

Mar 2020

Collaboration started

moderna



sinovac



Sputnik V

Hayat-Vax

AstraZeneca

مسار  
Row 2

ing Center

SEHA  
شركة أبوظبي للخدمات الصحية  
Abu Dhabi Health Services Co. P.J.S.C.

مرحباً بكم في مركز المسح

وقف انتشار الجراثيم  
Stop the spread of germs





# Governance & Leadership

Activation done in UAE before 1<sup>st</sup> case in January 2020

When the time was hardest and decision were the toughest, healthcare was the priority



Role modelling



3 layer response structure (Gold, Silver & Bronze) with SOPs for all 16 on DoH silver teams and over 100 field teams (7/24)



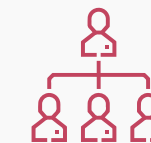
400s of live metrics managing all aspects of response



Predictive modelling in association with UAEU



Daily meetings of gold, silver & bronze (plus topics meetings) The most comprehensive emergency manual (IP applied)



Clear structure & roles of responsibilities



24 hours turnaround for licensing and inspection team dispatch to ensure quality



AED/OBN Financial package for economy





# Digital Research and Innovation



**HR portal**  
for all entities to protect  
vulnerable employees.



First top 5  
countries to deploy  
**sewage early sensing.**



The most comprehensive  
**emergency manual**  
(IP applied)



Deploy  
dynamic covid-19  
**website.**



**AIHosn app**  
and Ai heat maps  
to guide testing.



**32,000**

Single and biggest  
clinical trial vaccine



**+344**

number of  
research



**33**

publication



**Online Ai**  
symptoms  
checker



- EDE and DPI
- Genomic sequence of every positive case



- Heat maps and AI
- Predictive Modelling



- Setrovimab
- MABs



- Block chain for transport



# Collaboration and giving back

PPE & Medication

Private & public

Academic & business

National & international

NGOs & Charitable

Vaccination & research

80%

of global  
humanitarian  
support

50Mn

to Covax  
vaccine

185Mn

Vaccine to over  
40 countries

325Mn

Polio doses  
in Oct 2021

4 mobile hospitals

established in Sudan, Guinea Conakry,  
Mauritania and Jordan





# Communication And Media



Scientific and  
data driven



Simplified  
and segmented



Empowering  
the population



Scientific  
and up to date



Reliable single  
truth source



Unified case definition, medical  
guidelines, research committee  
related to covid-19



Multiple 14  
languages in social tradition



Daily  
official briefing



Align across all  
traditional & social platforms



# Opportunity

Digital  
& genomics expertise



Region leader in technology response to Covid-19 e.g., Chatbots, employee portal, al Hosn app, heat-map generation. Genetics data for research and personalized health with +500,000 collected

Research and  
IP generation



Engaging bio pharma innovators on investing in research in AD, clinical trials collaboration and share expertise.

procurement



Collaborate on forming a united purchasing power for emergency medication on vaccine exchange and market place platform

Make AD a logistical  
and business hub



Abu Dhabi to be the logistic hub of MENA region for vaccine and Pharma distribution e.g., Etihad, SkyCell Ad Ports, Agility G42 will get 75 million doses through AD

Emergency and  
Pandemic response



Pandemic manual and associated systems

