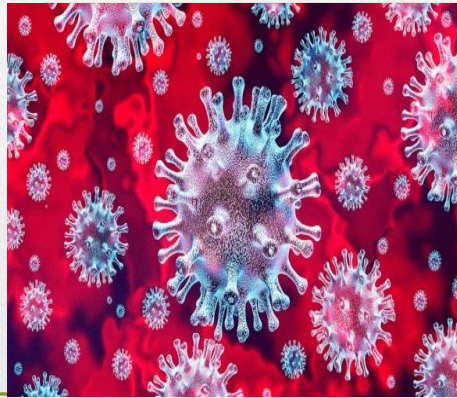


COVID-19



Impact and lessons learning

Dr. Farzana Zaman

Bangladesh

COVID-19



- On 31 December 2019, China reported to the WHO cases of pneumonia with unknown causes.
- On 12 January 2020, the World Health Organization (WHO) confirmed that a novel coronavirus was the cause of a respiratory illness in a cluster of people in Wuhan City, Hubei Province, China.
- The case fatality ratio for COVID-19 has been much lower than SARS of 2003, but the transmission has been significantly greater, with a significant total death .



COVID-19 Vaccination Dashboard for Bangladesh



National Statistics

Weekly Dashboard

Hospital Information

Vaccination

All Vaccine

AstraZeneca

Pfizer

Sinopharm

Moderna

Sinovac

Janssen (Johnson & Johnson)

Pfizer-PF (Comirnaty)



119,221,953

Vaccine target 70% population
(WHO Global Target)

113,066,634

Total Registration (Surokkha
App)

94.8 (%)

% registration against population



148,560,738

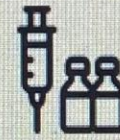
1st doses administered

124.61 (%)

% 1st dose against target

87.23 (%)

% 1st dose against population



125,670,627

2nd doses administered

105.41 (%)

% 2nd dose against target

73.79 (%)

% 2nd dose against population



60,611,619

3rd doses administered

48.23 (%)

% 3rd dose
against 2nd
dose

Total AEFI cases : 1,230

Vaccine Summary

TB programme and COVID 19

- Bangladesh has predominately depended on usage of RT-PCR tests.
- The Gene-Xpert test is a good alternative to the conventional RT-PCR COVID-19 test.
- The Global Fund ,which finances the TB programme in Bangladesh, June 2020 firstly provided 10,000 kits to detect COVID-19 in Bangladesh.
- In present time 71 Gene-xpert center has been established in Bangladesh, supported by national tuberculosis control program.
- Along with this Bangladesh GOV. have been recruited 2500 doctors and 6000 nurses for COVID management.

Challenges for the TB Program

- **As People ill with COVID-19 and TB show similar symptoms such as cough, fever and difficulty breathing.**
- **Both diseases attack primarily the lungs and although both biological agents transmit mainly via close contact, though the incubation period from exposure to disease in TB is longer, often with a slow onset.**
- **While experience on COVID-19 infection in TB patients remains limited, it is anticipated that people ill with both TB and COVID-19 may have poorer treatment outcomes, especially if TB treatment is interrupted.**
- **In many countries restriction of movement has been imposed for much of the population in response to the COVID-19 pandemic, this has negatively impacted access to health services for diseases like TB.**
- **The COVID-19 pandemic has provoked social stigma and discriminatory behaviours, this coupled with pre-existing TB-related stigma can place a heavy burden on patients and their families. All measures should be urgently taken to ensure continuity of services for people who need preventive and curative treatment for TB.**

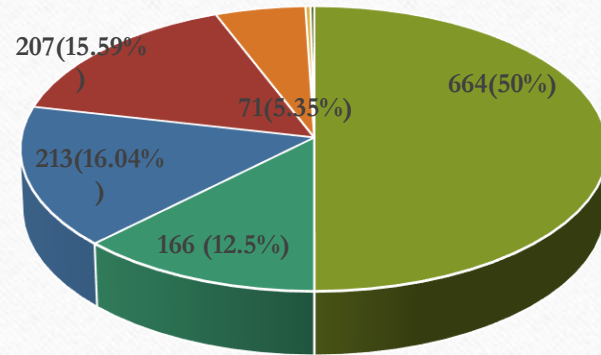
COVID Gene-Xpert Test

Total Summary

June-2020-December2021

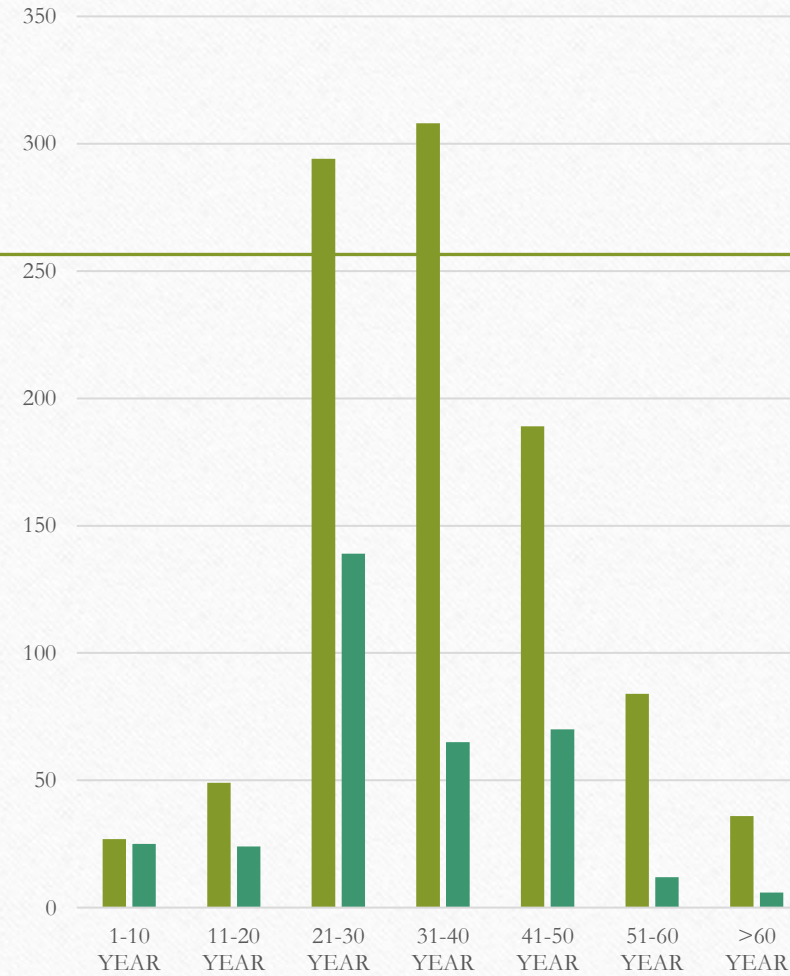
SI No.	Month	Total Positive	Total Negative	Total Test	Percentage	Remarks	SI No.	Month	Total Positive	Total Negative	Total Test	Percentage
							1	21-Jan	768	4291	5059	18%
							2	21-Feb	459	4041	4500	10%
1	20-Jun	86	94	180	47.77%		3	21-Mar	1680	7512	9192	18%
2	20-Jul	271	597	868	31%		4	21-Apr	3200	7622	10822	30%
3	20-Aug	494	839	1333	37%		5	21-May	1744	6377	8121	21%
4	20-Sep	724	1967	2691	26.90%		6	21-Jun	3828	11797	15625	24%
5	20-Oct	835	2228	3063	27.26%		7	21-Jul	4530	6807	11337	39.95%
6	20-Nov	1287	3996	5283	24%		8	21-Aug	2753	6158	8911	30.89%
7	20-Dec	1325	3477	4802	28%		9	21-Sep	903	6121	7024	12.86%
							10	21-Oct	231	4664	4895	4.71%
							11	21-Nov	212	4538	4750	4.46%
							12	21-Dec	3418	15487	18905	18.07%
Total Test=		5022	13198	18220	27.56%		Total Test=		23726	85415	109141	21.73%

PARTICIPANTS PERCENTAGE FROM DIFFERENT COUNTRIES



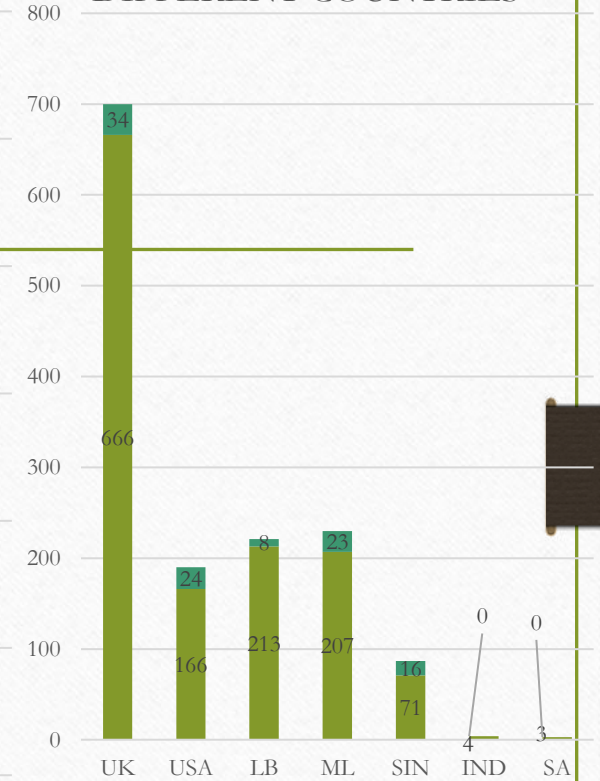
■ UK ■ USA ■ LB ■ ML ■ SIN ■ IND ■ SA

GEMDER DISTRIBUTION OF PARTICIPANTS



■ Male ■ Female

SARS-COV-2 POSITIVE PATIENTS AMONG DIFFERENT COUNTRIES



■ PARTICIPANT ■ POSITIVE PATIENT

Lessons learning

- People-centered care
- Prevention and infection control
- Rapid roll-out of measures to minimize the emerging situation
- Effective use of digital technologies
- Proactive planning, procurement, supply and risk management
- Commitment, Solidarity and Determinations

SHEIKH HASINA

NAMED AMONG **TOP THREE**
INSPIRATIONAL WOMEN
LEADERS

IN THE COMMONWEALTH
FOR HER RESPONSE TO
COVID 19 PANDEMIC



“Thank You”