

Study on the perceived impact of COVID -19
pandemic on the delivery of healthcare and
management of hospital services in
Bhubaneswar and Cuttack

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INTRODUCTION

- ▶ The spread of COVID-19 across the globe and its out go to related morbidity and mortality challenge the country by several means. One such basic perspective is delivering health services in COVID times, is a dreary occupation for medical care workers and over-burden work has made extremely close bottlenecks in the arrangement of the infrastructure.
- ▶ Health care workers are impacted by factors that imply a sense of expert commitment when it comes to their preparedness to work, an assessed hazard to oneself and ones' family and incorporation in the preparedness planning of healthcare workers (doctors, last year clinical understudies, medical caretakers, and overseers) may relinquish work for securing themselves and family.

Research Question

What does the healthcare staff think about the impact of COVID19 on the delivery of services and management of hospital services in hospitals of Bhubaneswar and Cuttack?

Objectives

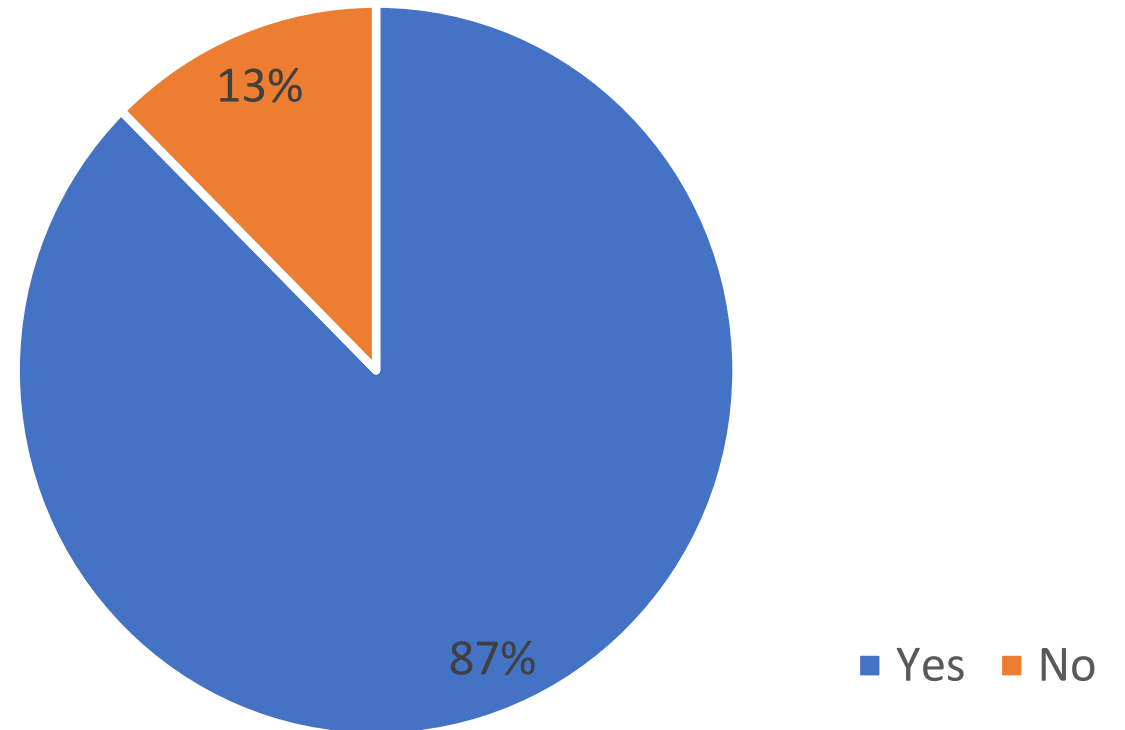
- a) To understand the perception of healthcare providers on impact of COVID19 on hospital services.
- b) To understand the perspectives of hospital management staff on the impact of COVID19 on the functioning of their facilities
- c) To map the change in functioning of hospitals due to COVID19
- d) To suggest possible solutions for better preparedness in future.

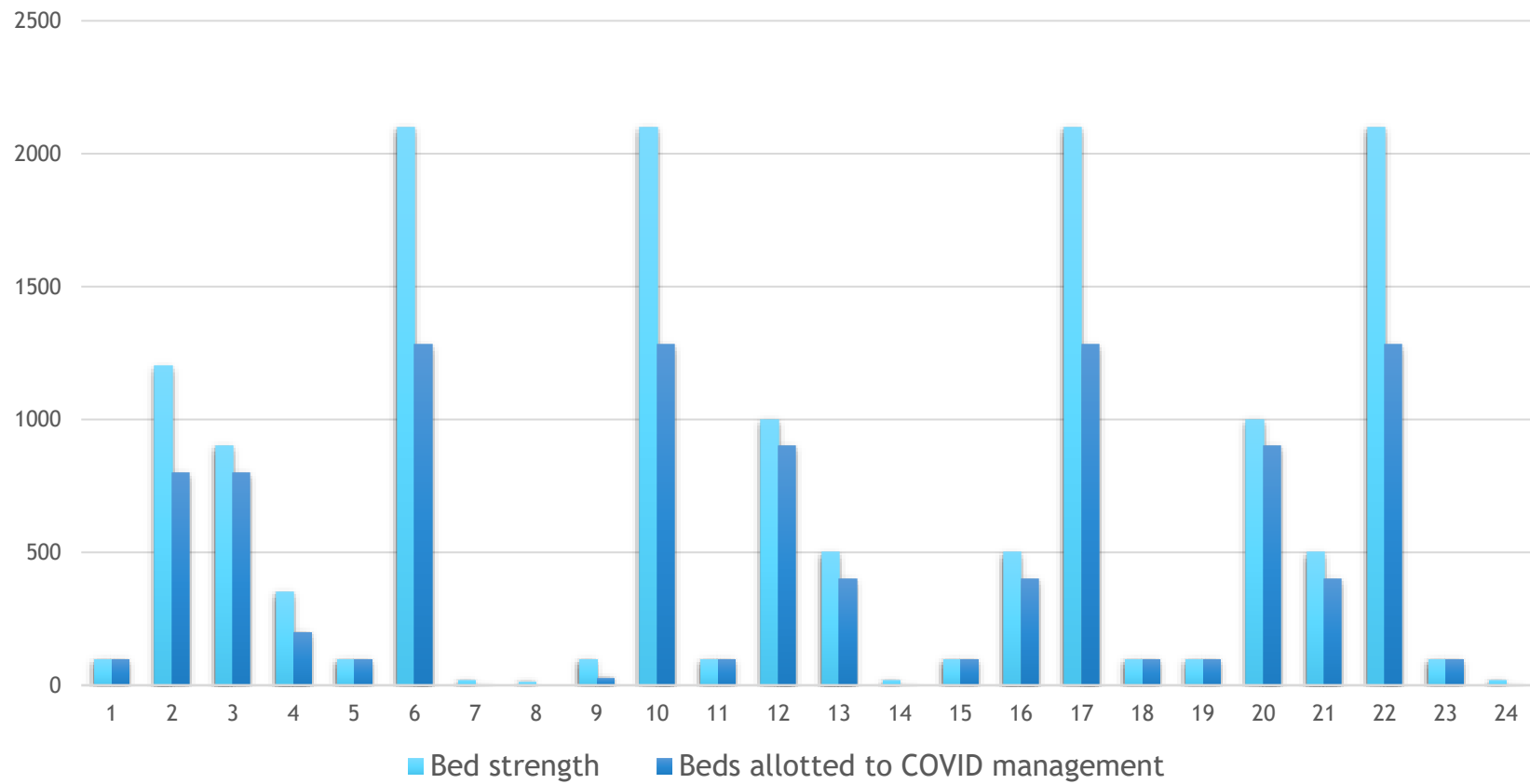
Methodology

- ▶ This was planned to be a Descriptive study, using a mixed method approach. Primary data collection was planned thorough a self-administered questionnaire which was shared on google forms to all the healthcare workers working in the hospitals at Bhubaneswar and Cuttack.
- ▶ Due consent was taken, and confidentiality and data security were ensured. Secondary Data Review was also done. Relevant reports, past studies and peer reviewed research articles on related areas is included for the review.

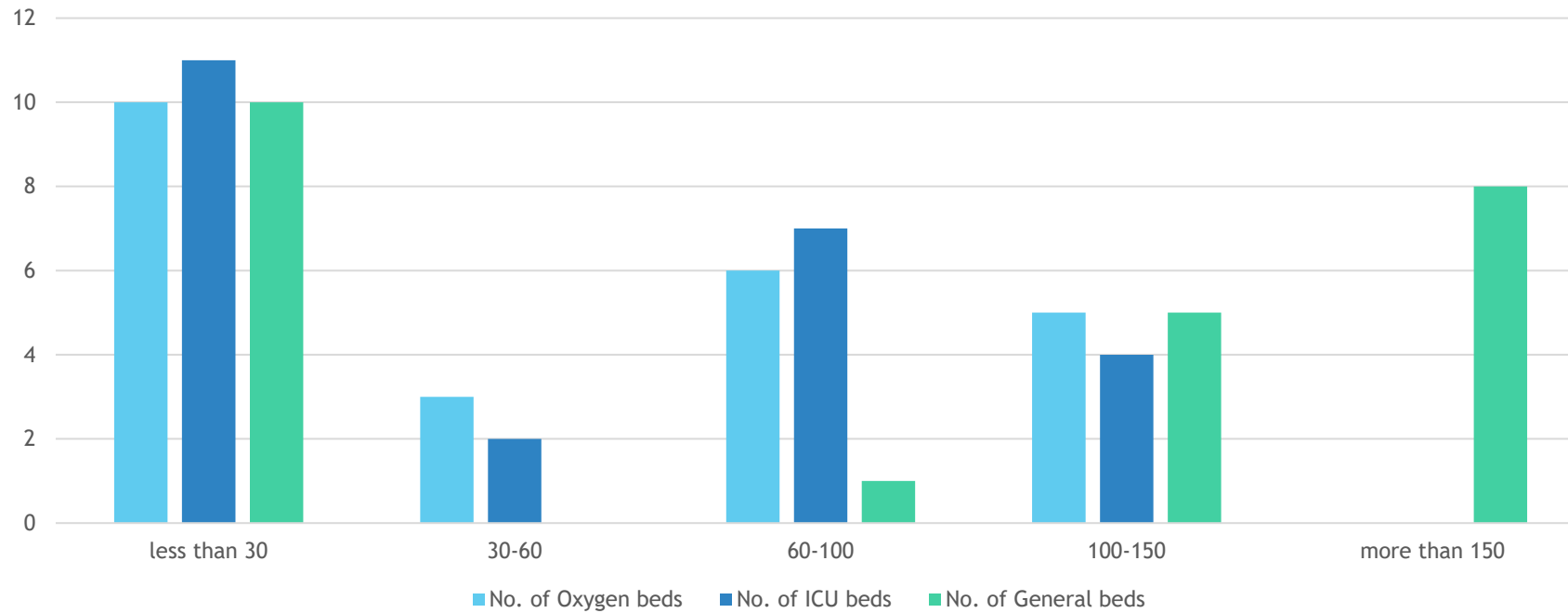
Results

► Percentage of hospital being COVID treating center



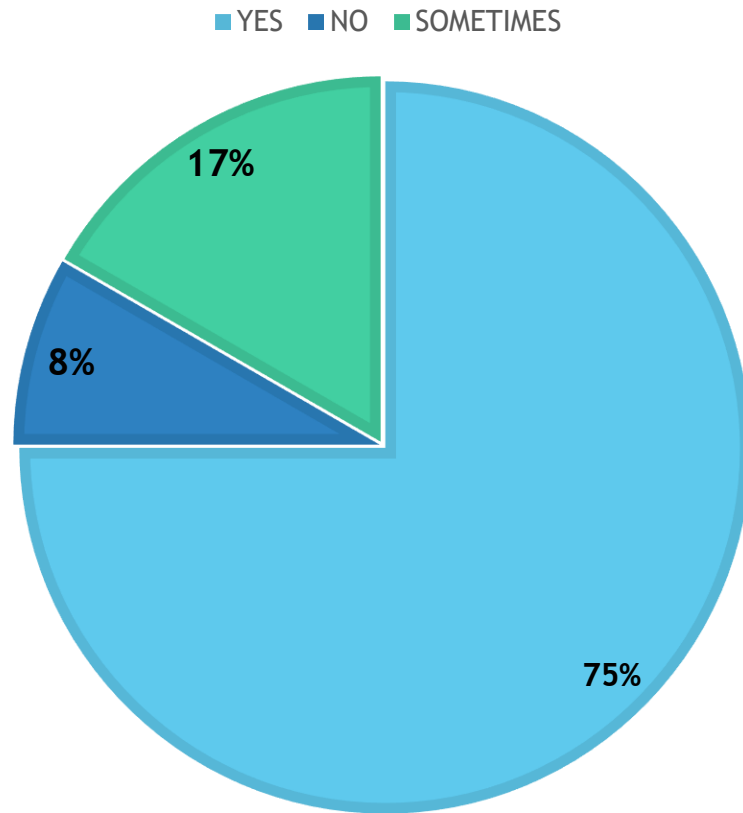


Bed strength - COVID patient
occupancy

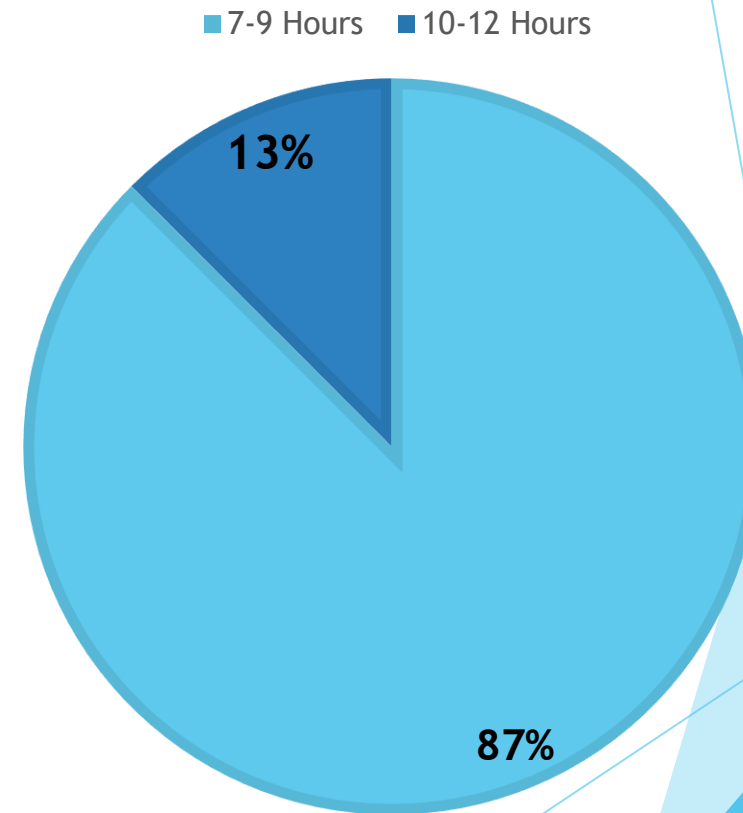


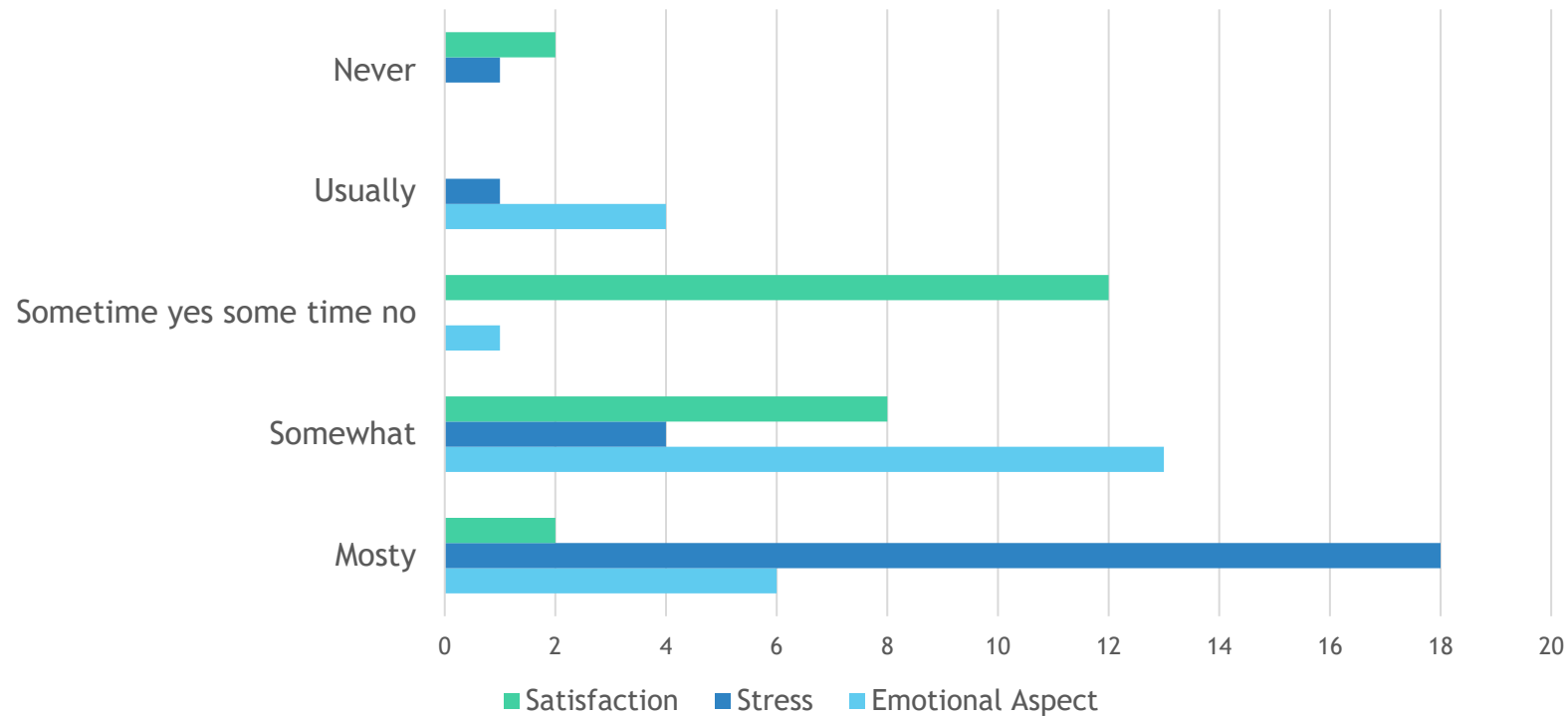
Number of Oxygen, ICU and General bed strength

Change in working hours

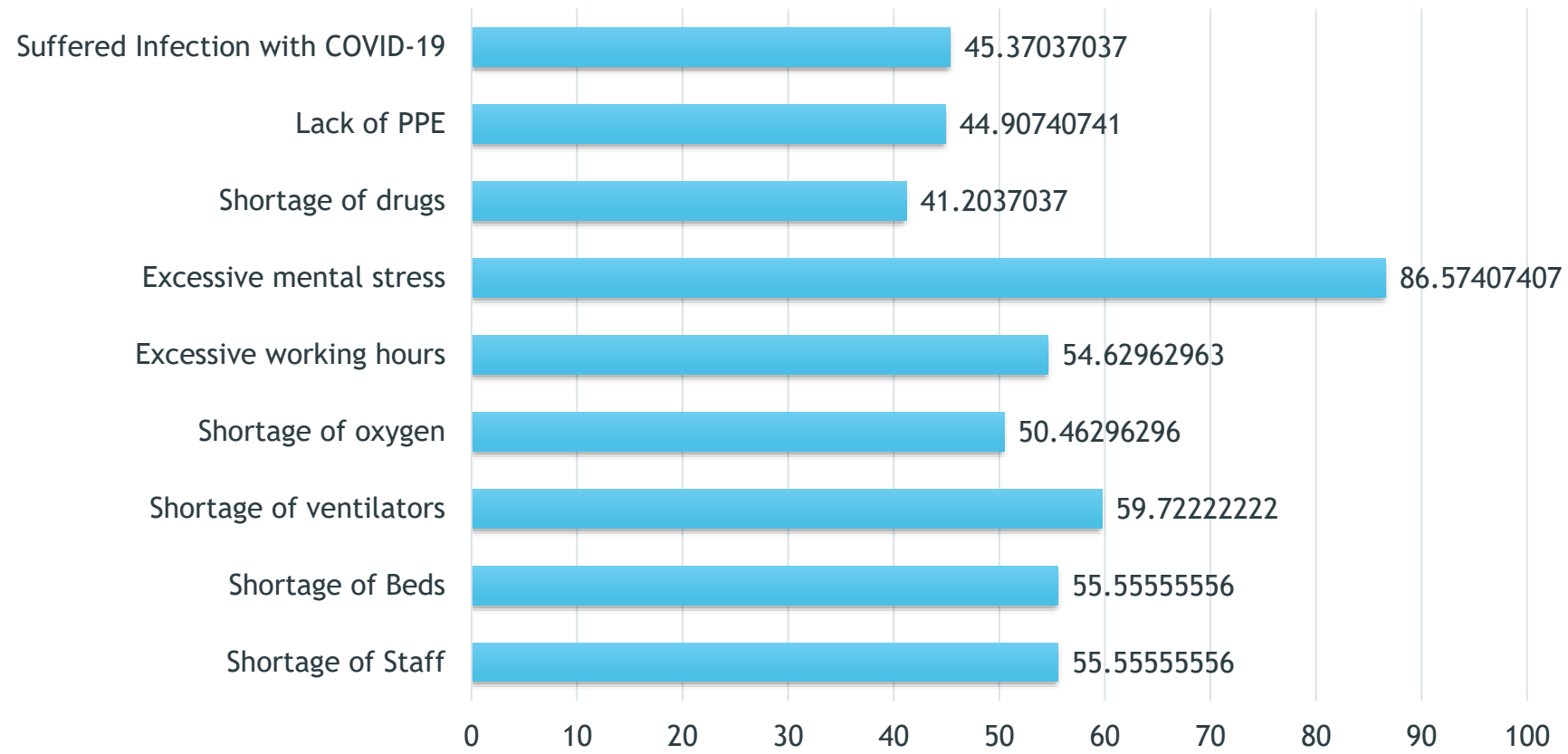


Duration of working hours





Status of mental health of the healthcare workers during this pandemic



Challenges faced by healthcare worker
during this period

Suggestions from the healthcare worker

- ❑ Continue Social distancing
- ❑ More support from the government
- ❑ Better public awareness and cooperation
- ❑ Increase in manpower who are quite powerful and proper management.
- ❑ Lockdown
- ❑ Requiring more staff to manage effectively.
- ❑ Giving more importance to health Dept and directing more funds for the development of medical institutions and overall health providing centers throughout the country, and maintaining the lockdown protocols of limited movement of people
- ❑ Periodic duty and quarantine to health workers along with supply of huge number of testing kits to small hospitals
- ❑ Awareness and strict punishment on violation of rules by public, especially for those who are wearing mask below the mouth, even at this point.

Recommendation

- ❖ A lack of adequate facilities, equipment, and infrastructure is another reason cited for the government hospital in India to be in such public health crisis. It is difficult for individuals to get medical aid, and private hospital areas have generally closed down to non-emergency admissions that are not life-threatening.
- ❖ A global health epidemic has abruptly caused specialists and healthcare workers-tasked with securing people, families, and networks in difficult circumstances with limited resources, lack of personal protective equipment (PPE), and other equipment-to become a focus
- ❖ Public hospitals in India are facing numerous challenges due to several factors, including management deficiencies, lack of funds and lack of technology. The situation is what it is due to a combination of factors.
- ❖ Because of burnout, healthcare professionals may also be forced to take sick leave and may even change jobs because of stress and burnout. During this period, people can experience extreme distress, burnout, or health problems. Eventually, medical care laborers might be not able to give top notch medical services delivery.

Key Discoveries

- Frequent errors, Low quality care and patient discomfort and disappointment are the main outcome of poor infrastructure.
- Chronically sick patient needs prompt attention when compared to the acutely diseased. This can be overcome by the joint efforts, coordination and timely fulfilment of patient requirement.
- Technological advances in information technology and research on clinical practice can make a wide change in the healthcare system.
- Patients and consumers are being educated about their health and wellbeing, hence there should be a proper path of relationship to share decision among healthcare worker and the patient



Thank you