MANAGEMENT OF HEALTHCARE SYSTEM DURING LOCKDOWN

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ABSTRACT

Today the world is fighting with the pandemic COVID-19 and our country is under lockdown resulting into lot of hardship to common man. In this situation how we can cope up with the present resource and make our healthcare system much better so that we can come out of this lockdown quickly has been presented in this article. The health improvement of all the individuals of this country will lead to come out of this pandemic quickly and remove lockdown resulting into better financial and economic condition.

INTRODUCTION

Management is a theory which is very old and traditional. Whenever management is discussed at length it always percolates to all subordinates working in a particular organization. Over the years management has become a very serious topic in all fields be it HR or Marketing or Finance or Operation or IT or Entrepreneurial Development etc. Presently, the world is fighting with COVID-19 a pandemic which has swept the entire world. This has brought the concept of Management in forefront where every country is trying to prepare their health system and other support system to counter the pandemic. The world is in lockdown and the economy of each and every country is in shambles. In such situation how your management system will work is a big question.

At present, the pandemic has taken lives of around a lakh of people worldwide and it has become a challenge for every country to reduce to fatality and improve the overall condition of common man. In this chapter a model has been created which will help any country to counter pandemic in future. At present many people are trying to extend their suggestions to counter the disease and manage, in this endeavor a model is being presented which can help to counter such pandemic.

AREAS OF MANAGEMENT

1. HEALTHCARE MANAGEMENT SYSTEM

In healthcare the major role is played by Doctors, Nurses, Ward boy but we should not ignore the work of receptionist, ICCU & ICU support staff, water providers to the hospital, electricity providers. All these staff must be managed to counter the pandemic and inflow of patients.

2. POLICE MANAGEMENT SYSTEM

Police personnels are the people who have to keep people at Home and not to wander here and there. In this process sometimes the policemen become harsh which must be controlled individually through proper counseling. In tense situations, it is very difficult to have strong mental acumen but to look after the well being it is very important. It should be noted that you are not catching a criminal but a common man who is under severe stress in this pandemic situation.

3. MANAGERIAL ECONOMICS

Economy must be managed in a very systematic manner to reduce the loss due to lockdown. All the industry are suffering due to lockdown and despite this they have to pay their employees and suppliers who have already supplied goods. Employees are totally dependent for their day to day activity on the salary that their employer pays them, if this is curtailed or not provided he will not be able to manage his family. On the other hand Reserve Bank of India also has to play a major role in providing relief to common man as far as EMI's are concerned. Each individual is worried about his EMI's to be paid every month of respective product.

4. OPERATIONS MANAGEMENT

As far as operation is concerned, the government has promised every individual that there will be no deficiency of food and other products which come under essential services. The essential services include –

Medical services
Food
Transport
Hospital
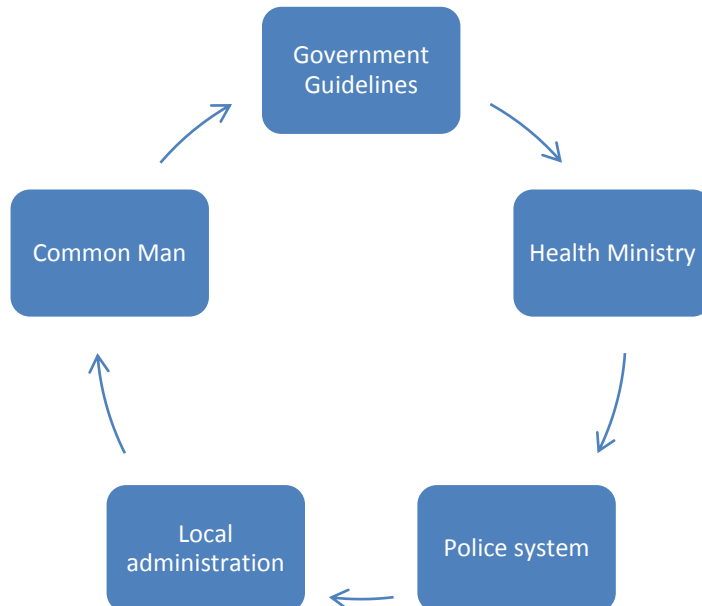Electricity
Water supply
Police
Ration shops
Medical shops

These services must be operational and government has to take extra care that due to these essential services epidemic should not spread.

5. PEOPLE MANAGEMENT

The last and not the least the common people must be managed. During lockdown no individual is allowed to leave there place of living without any valid reason. Keeping an individual in their home results in –

➢ Isolation results into stress, anxiety, fear and loneliness.
➢ Panic in terms of buying essentials, fear of the future or for the less fortunate, how to survive without work and how one should feed their families in a situation like this.
➢ The stigma attached to COVID-19 and the concerned calls by friends and family also adds to this stress.
➢ Watching, reading or listening to news that causes you to feel anxious or distressed.
➢ Fake news on television and social media.

MAJOR PLAYERS IN OPERATION MANAGEMENT

Government Guidelines → Health Ministry → Police system → Local administration → Common Man → Government Guidelines

Guidelines of Government during Lockdown 2.0

Allowed

- Industrial units in rural areas
- Services provided by self employed electricians
- IT repair personnel
- Plumbers
- Motor mechanics and carpenters
- Activities related to agricultural and horticulture sectors
- Highway Dhaba
- Truck repairing shops
- Call centres for Government
- Units manufacturing drugs and medical devices

Not allowed

- Metro
- Bus service
- Educational institutes
- Coaching centres
- Domestic & International air travel
- Train service
- Cinema halls
- Mall, shopping complex
- Gymnasiums
- Sports complexes, swimming pools and bars
- Inter-state & inter-district movement of people

Management of Health services – in today's scenario health service is playing a major role and I am presenting options through which the entire city can be tested for COVID-19 and if this is done in each city by the end of July or August we can be ready with a clear data of infected patients and the process to eradicate corona virus from India. The researcher has provided 3 options in order to cover the entire city for testing and each city can adopt depending upon the resource they might be having.

How Health services can be managed?

In a city called XYZ the population is 24, 00,000 lakhs and there are 160 hospitals. Each hospital has a staff of

Doctors – 5

Nurses – 15

Compounders – 15

Then the total with respect to 160 hospitals will be

Doctors – 8300

Nurses – 24000

Compounders – 24000

The target to achieve for the health care workers is to do test for coronavirus of all the population of the city. How to achieve this if the city has total 4600 testing equipments?

Option 1 –

Every nurse and compounders must be trained to collect SWAB samples of each individual. If we complete the training within 1 day, next day onwards each person must collect samples of 50 persons per day. If this is accomplished the city will be able to collect 2400000 samples within a day. Next if there are 4600 testing equipments and each test takes 2 hours to give a report, we can test 12 samples in a day. If this is achieved that means we can test 55200 samples in a day. This means that to test all the samples it will take around 44 days which is around one and half month.

Option 2 –

If we add the number of equipments to make the testing faster and to complete the process within 07 days we require around 28000 testing equipments to test all the samples which is very difficult. But for faster and better result we must arrange resources.

Option 3 –

First 15 days test only the people who are in the age group of 50 and above. If we assume that around 25% of the population is in this age group then we have to test only 6, 00,000. Keeping that we have only 4600 testing device we will be able to complete the testing within 11 days.

Next 15 days we will test people in the age group of 21 – 49, if we assume that around 50% of the population is in this age group i.e around 12, 00,000. We can complete the testing within 22 days.

Lastly, we will test people in the age group of 0 – 20, taking assumption that remaining population of 6, 00, 000 we will be able to complete the testing within 11 days.

Slab wise testing will help in identifying the age group which is more infected, so that treatment can be concentrated on this age group.

Conclusion

The researcher has more options but in present lack of resource situation there are only above referred. The research concludes that Option 3 is operational and it will provide government the analysis of patients age wise which will help them to give better healthcare treatment. The research is done only on the healthcare part, there are many other facets which can be dealt like police system, transportation, making availability of essential services for common man but researcher thinks that if the healthcare is taken best care the country can reach normalcy quickly. The lockdown is resulting into huge economic loss and if the people of this country get proper treatment and gets cured quickly the lockdown can be removed.