

Impact of the covid-19 pandemic on Mahad city (Maharashtra)

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Abstract:

COVID-19 is global public health crisis of today's generation .in India first covid -19 infection reported in Kerala, on January 27,2020, then it is spread all over in India, from large to small town. Data is continuously updated day by day, impact of covid -19 disease is different in different city in India, because of different in culture norms and geography. Two-year data of corona patient including total conformed cases, total death and total recovery has been reported I Mahad city in Maharashtra state. present paper deals with origin local impact of pandemic spread and prevention and vaccination for covid -19 in Mahad

Keywords:- Covid-19, Corona Virus, Mahad

Introduction

COVID-19 crisis infection is affecting millions of people across the globe, however impact of covid-19 in different country and area in different country is different. main symptom of covid 19 is respiratory illness and recover without any special treatment. however, some people seriously ill and required special treatment. people having weak immunity is more vulnerable to covid-19. First strain is identified in Wuhan city, china, its human infected SARS-COV-2 virus originated from bat. that is primary host of SARS-COV-2 virus is bat from which covid-19 is derived. Covid -19 rapid pandemic due to its contiguous nature (Pavarel.al.2020). pandemic is spread of infectious disease. covid -19 pandemic also known as corona virus pandemic. pandemics is global outbreak of diseases. (Gupta el.al.,2020). there are many example of world history (table no.1). any pandemics are generally classified as epidemics first then rapid spread of disease across different region and become pandemics

Sr. No.	Year	Name of Diseases	Total Death
1	1334-1350	Black death	30 to 50 million
2	1860-1903	Modern plague	10 million
3	1889-1890	Russian flue	1 million
4	1918-1919	Spanish flu	50 to 100million
5	1956-1958	Asian flu	2 million
6	1968-1969	Hong-Kong flu	1 million
7	1976	Ebola out break	280 only
8	1981	HIV	32 million
9	2003	SARS	774
10	2009	Swine flu	200000
11	2014	Ebola	11000
12	2019-2020	Covid -19	Till 30 June

Spread of COVID19 in Mahad

Covid-19 infection in Mahad is continuously updated and we received new data and fact of disease of corona virus. Two-year data of corona patient including total confirmed cases, total death and total recovery (Table No.2). Data is obtain from "shaskiya gramin rugnalaya and trauma care center" mahad,total number of patient admitted in year 2021 is less than in year 2020

Sr.No	Year	Number of patient admitted	No of death
1	2020	123	13
2	2021	88	16

Preventions:

India is facing lot of challenges to prevent and control second wave of covid -19 disease. daily more than 350 thousand case are reported and number of death has also cross 3500 marks in this wave in india. government has imposed restriction such as weekend curfew, night curfew, no use of public

transport ,closure of markets , complete lockdown etc. Ayurveda formulation also found helpful for management of corona virus .it recommendation include 20 minutes yoga every day also suggest special beverages along with herbs like ginger, coriander, basil leaves (Tulsi) ,Ajwain seed and Turmeric used as ' kadha ' it improve respiratory health and this is helpful to control transmission of covid -19.in addition inhale steam between 70 c to 100 c is also helpful. However, Vaccination is best way to prevent covid- 19 surge.

The virus that causes COVID-19 is a type of coronavirus that has been there for many years. These viruses tend to change their genetic material from time to time, leading to the evolution of new strains. In the same way, the COVID-19 virus has the tendency to change its material and form new strains, which can cause newer infections even in persons who have had COVID or even if they are vaccinated. Hence, a sudden change in a strain can bring about a surge in infections at any time. "Better way to prevent covid -19 disease is to get all people vaccinated. Number of vaccinated center has been increased. number of people taking vaccine (Covishield) also increased in Mahad city (Table 3)

Doses	Women	men	total
Dose-1	16,525	18,299	34,824
Dose-2	11,929	8000	19,929
Dose-3	452	554	1006

Preventive method is focus on public health and saving treatment. it is not a responsibility of only health professionals. We are also achieving the change at individual level by personal protective care to follow the strict guideline to avoid virus infection.

Conclusion

Number of active cases and death are decrease in 2021 in Mahad city (MH). this is due to prevention and preventive measures taken by state government and local authority. The implementation prevention measure and protocols might have reduced the cases of covid -19. It is not responsibility of only health professional. We are also achieving the change at individual levels by personal protective care to follow the strict guideline to avoid virus infection

References:

1. Shaskiya gramin rugnalaya and traau care center ,mahad
2. Rajan Gupta ,Saibal K.Pal and Gaurav Pande ,(2020), Comprehensive analysis of covid-19 outbreak situation in india .researchgate.net/publication/ 340591377
3. Swapnil R. Sarada , Sunil U tekale ,Laszlo Kotal ,Abraham J. Domb and Rajendra P. Pawar (2020), covide -19 : Global pandemics .
4. Indian Journal of medical research ,2020 May; 151(5): 490-492.M.A.Andrews ,Binu Areekal, K.R.Rajesh ,JiJith Krishnan, R.Suryakala ,Biju KRishnan, C.P.Muraly, and P.V.Santhosh ,first conformed case of covid-19 infection in india : A case report
5. Journal of family medicine And primary care 9(10):p 5092-5102'October30,2020 Bawaskar,Himmatrao saluba; Bawaskar ,Pramodini Himmatrao,From quarantine room physician perspective .
6. Medical journal Armed forced India 2021Jul; 77(suppl0: S237-S241 .Rajneesh K Joshi and sanjay M Mehendale ,Prevention and control of COVID-19 in India: Strategies, and options