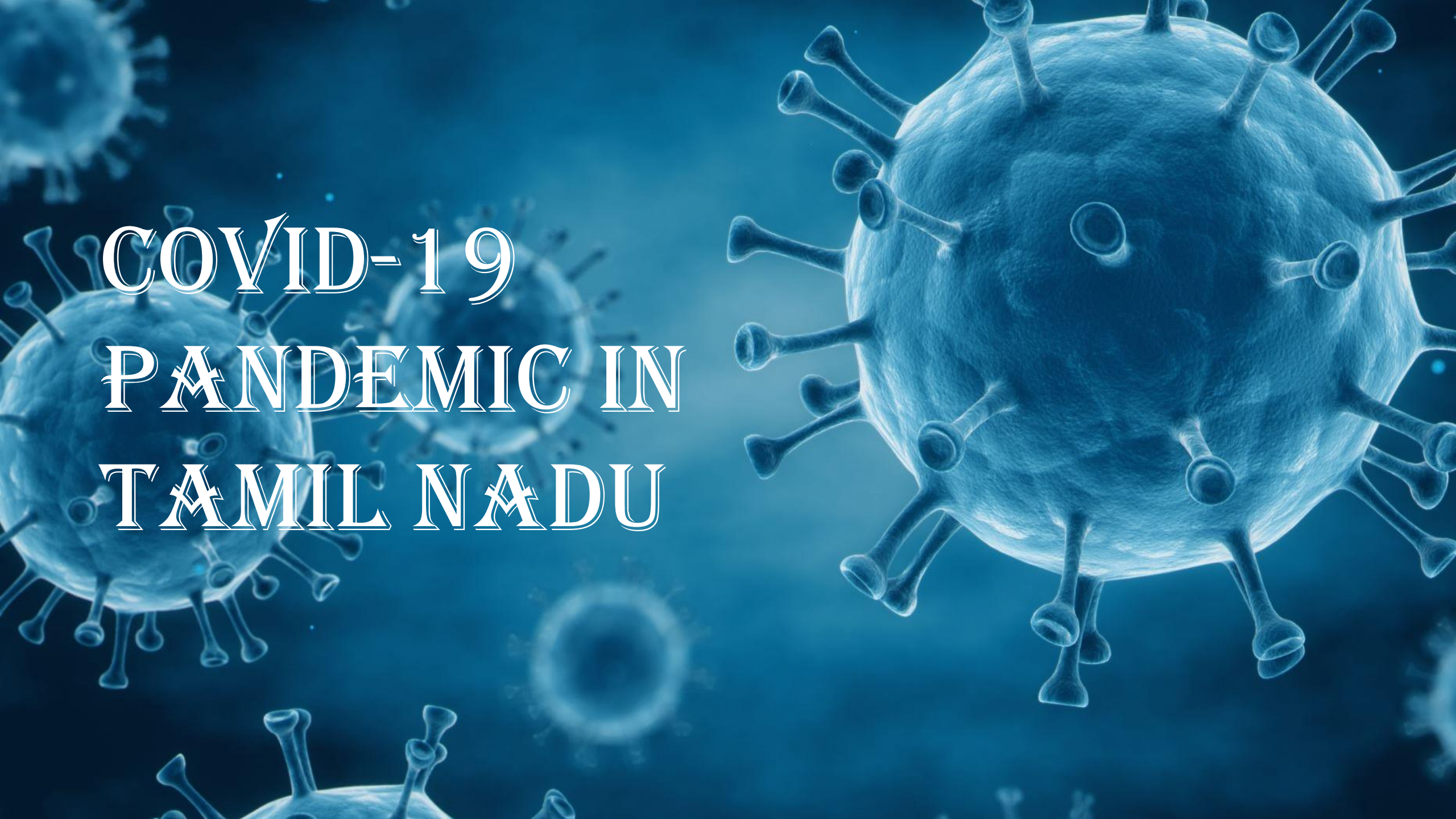




COVID-19 PANDEMIC IN TAMIL NADU

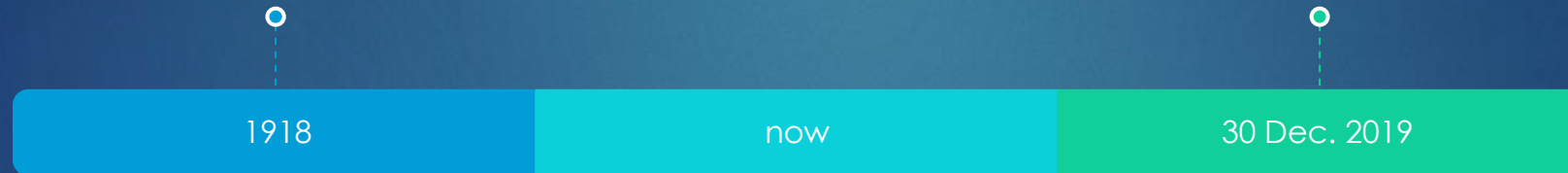
CONTENT

- ▶ INTRODUCTION.
- ▶ HISTORY OF CORONAVIRUS.
- ▶ EMERGENCE IN TAMIL NADU.
- ▶ DISEASE PROGRESSION.
- ▶ SOCIAL IMPACTS.
- ▶ GOVERNMENT RESPONSE.
- ▶ DIAGNOSIS.
- ▶ TREATMENT.
- ▶ CONCLUSION.

INTRODUCTION

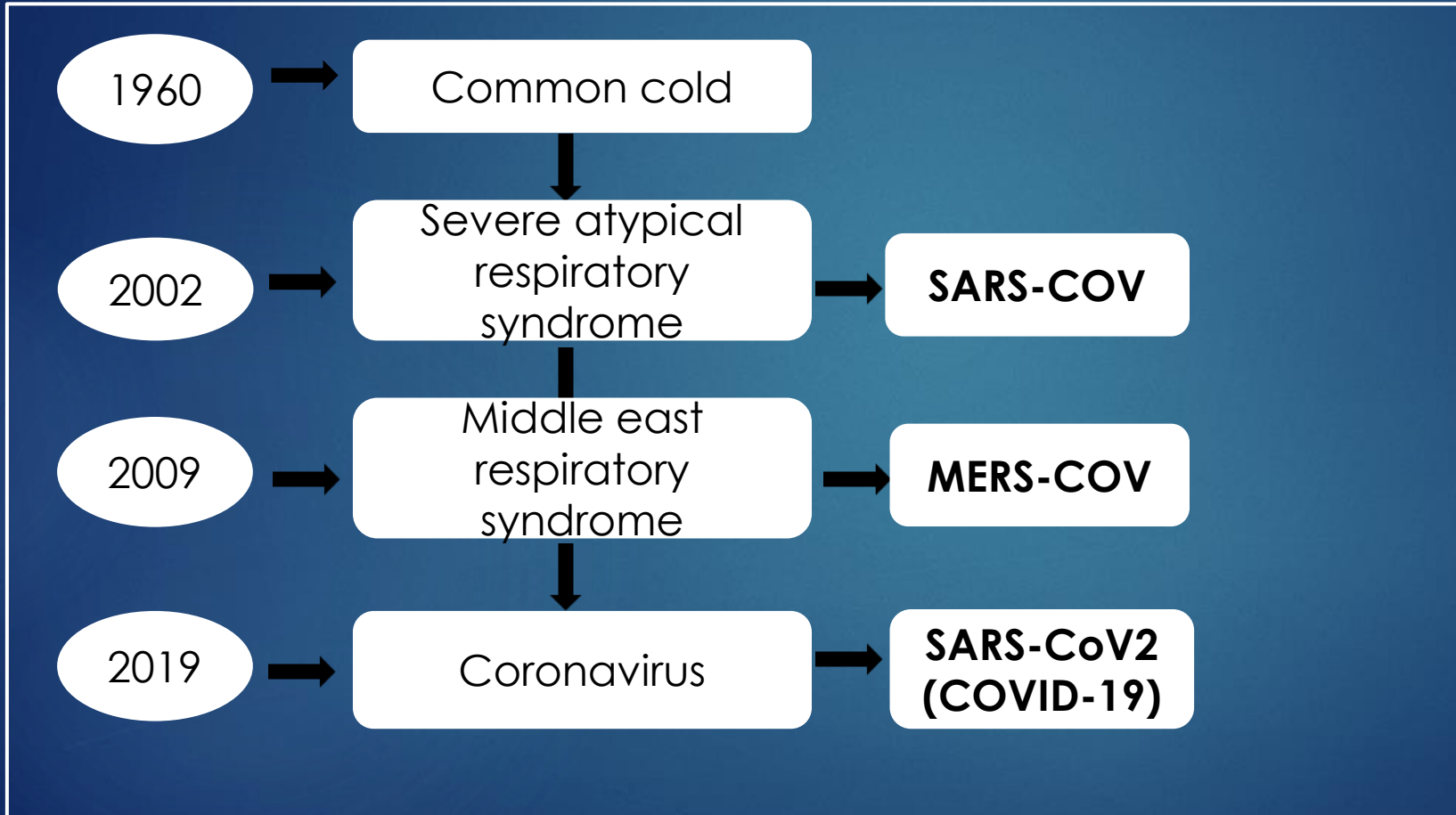
Currently, people all over the world have been affected by coronavirus disease 2019 (COVID-19), which is the fifth pandemic after the 1918 flu pandemic.

It was emerged on December 30, 2019, sparking an epidemic of the acute respiratory syndrome and quickly has been spread worldwide.



The pandemic of (SARS-COVID) commonly known as novel coronavirus causes illness ranging from the common cold to severe disease. It has now spread to almost all the continents, affecting more than 180 countries.

HISTORY OF CORONA VIRUS



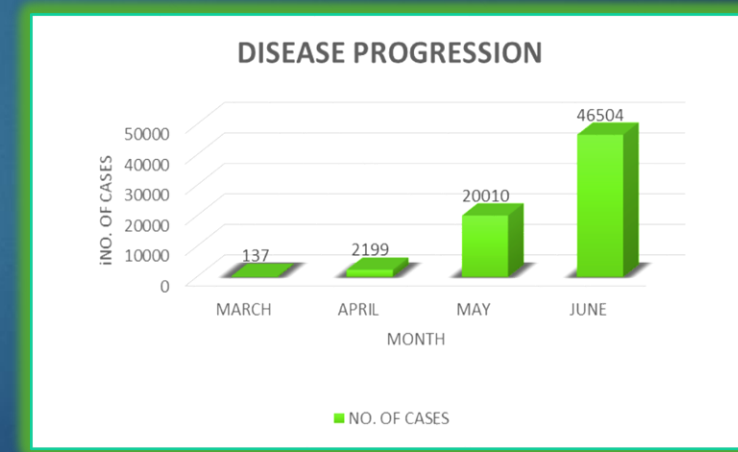
EMERGENCE IN TAMIL NADU

- ▶ All 37 districts of the state were affected by the pandemic, with capital district Chennai being the worst affected.
- ▶ The first case of coronavirus was confirmed on March 7th, 2020 in a resident of Chennai.
- ▶ Cluster of cases:-
 - Tablighi Jamaat congregation in Nizamuddin Markaz mosque, Delhi.
 - Koyambedu market, Chennai.

PROGRESSION OF DISEASE

- ▶ Day wise
 - Day 1 (March 7th) – 1.
 - Day 105 (June 15th) – 24171.
- ▶ These are top 3 districts in Tamil Nadu with majority number of cases.

Districts	No. Of cases
Chennai	31896
Chengalpattu	2882
Tiruvallur	1865



SOCIAL IMPACTS

- ▶ Tamil Nadu suffered a revenue loss of Rs.3500 crore.
- ▶ In the month of April there was about 85% loss in GST revenue.
- ▶ The nationwide lockdown had a great impact on farmers and floriculturists in the state.
- ▶ Government hospitals faced a shortage of medical and paramedical staff as there was an increase in the number of cases.
- ▶ For the first time the demand for hospital beds in the city went up

GOVERNMENT RESPONSE

Tamil Nadu state government was one of the few states to launch measures in the very beginning.

- ▶ Closure of establishments, schools and colleges.
- ▶ The government announced “junta curfew”
- ▶ Screening of passengers at the airport.
- ▶ The government distributed medical kit containing medicines .
- ▶ The state government revised testing and quarantine norms.
- ▶ Fever camps in containment zones was conducted.
- ▶ “FOCUS VOLUNTEERS” were appointed.
- ▶ Sanitation measures.
- ▶ Containment measures.

CURTAILMENT MEASURES



JUNTA CURFEW



SCREENING



SOCIAL DISTANCING IN MARKET AREA



COVID TESTING



FEVER CAMPS

SANITATION MEASURES



- Trucks carrying huge blowers.
- Butterfly sprinklers .
- Spry mounted on vehicles .



CONTAINMENT MEASURES

Containment zones sealed completely



NOTICE

GREATER CHENNAI CORPORATION
பெருநகர சென்னை மாநகராட்சி

**WE ARE IN HOME QUARANTINE
TO SAFEGUARD OURSELVES
AND CHENNAI FROM CORONA**

கொரோனாவிலிருந்து எங்களையும்
சென்னையையும் காக்க நான்கள் வீட்டிற்குள்
தனிமைப்படுத்திக் கொண்டுள்ளோம்

FROM TO
NAME

ADDRESS

NUMBER OF PERSONS

For more information:
Greater Chennai Corporation Control Room
Phone: 044 - 2538 4520
Call our 24x7 Helpline
Phone: 044-29510400 / 044-29510500
Mobile: 94443 40496 / 87544 48477
#Covid19Chennai #StayHomeStaySafe

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HEALTH HELPLINE

சென்னை மாநகராட்சி
பெருநகர சென்னை மாநகராட்சி
தலைநகர்: 044-2538 4520
24x7 ஹெல்ப்லைன்
044-29510400 / 044-29510500
மொபைல்: 94443 40496 / 87544 48477
#Covid19Chennai #StayHomeStaySafe

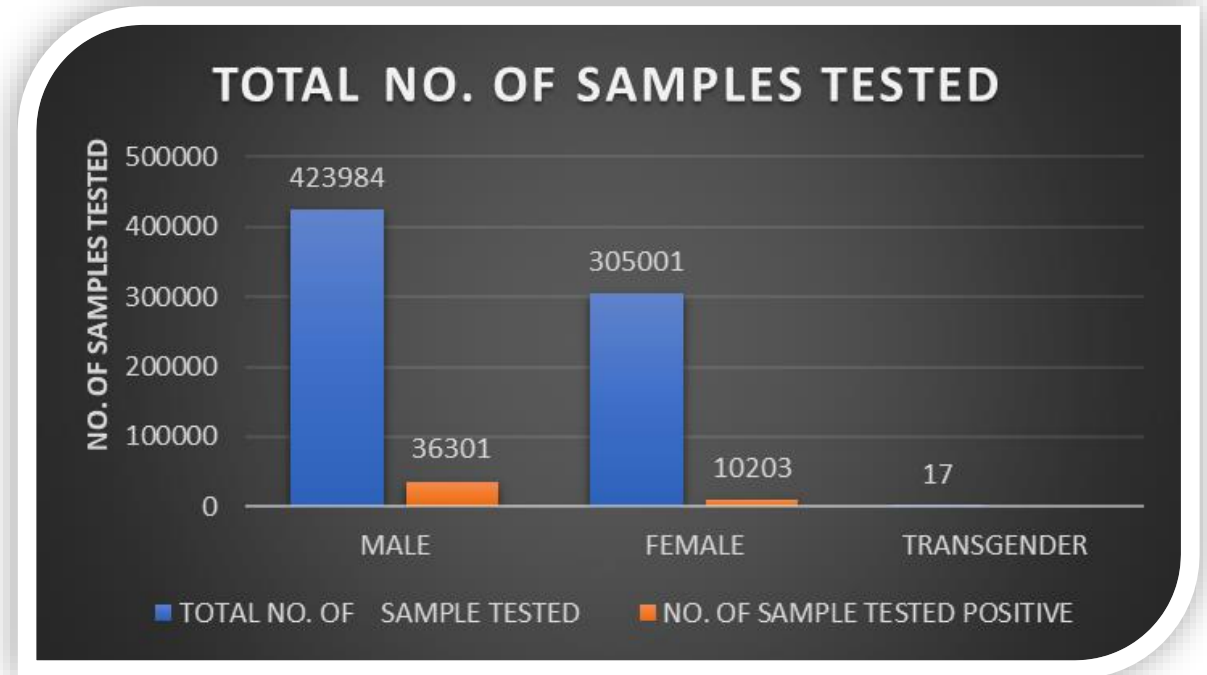
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HEALTH HELPLINE

CCtv in containment zone



DIAGNOSIS

- ▶ The diagnostic test reports are the first and most critical step in effective management of the pandemic.
- ▶ Oropharyngeal swab samples are collected and were sent to laboratories for testing.
- ▶ Around 56 labs in the state was authorized to conduct covid-19 test.
- ▶ Reverse Transcription Polymerase chain reaction (RT-PCR) kits.



TREATMENT

- ▶ Treatment was provided according to the severity of the case.
- ▶ In mild cases: -
 - Paracetamol
 - Oseltamivir 150mg.
 - Antibiotics (only if required) are used.
- ▶ In moderate to severe cases: -
 - Azithromycin 500mg.
 - Hydroxychloroquine 400mg.
 - Ondansetron 4mg.
 - Zinc and vitamin c supplements.
 - Amoxiclav.
 - Methyl prednisone.
 - Plasma therapy were used.

CONCLUSION

- ▶ The current pandemic has compelled us to scrutinize the breakouts that have occurred in the past and imposed global threat time and again.
- ▶ The Tamil Nadu public health system, with nearly 18,000 doctors (about 12,000 workings in rural areas) and lakhs of nurses and paramedics are providing their bests.
- ▶ Researchers worldwide are working around the clock to find a vaccine against SARS-CoV-2.
- ▶ It might not be a matter of “whether” but “when” the next pandemic would arise.
- ▶ We really need to introspect whether urbanization and globalization are disturbing nature's balance?



THANK YOU

BY

DR.V.GOPIKA

MBA HM 24