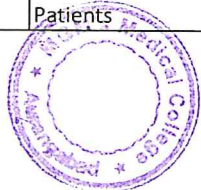


Research Publication - 2020

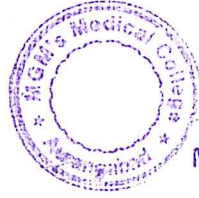
Sr. No.	Publication Year	Department	Title Of The Paper	Authors	Name Of Journal	National/ International	Valume Issue
1	2020	Community Medicine	Seropevalance of Covid 19 In Aurangabad District	Dr.J.V.Dixit Et Al	International Journal Of Creative Research Thoughts	International	
2	2020	Community Medicine	Conventional V/S Online Teaching During The Covid-19 Pandemic: Perception of Undergraduate Medical Students of India	Adchitre Sangita Arunkumar1, Adchitre Piyush Arunkumar2 And Dase Rajesh Keshav3	International Journal Of Advanced Research	International	Vol.8, No.9
3	2020	Medicine	Covid - 19 Presenting As Acute Viral Encephalitis: A Rare Occurrence	Rohit Jacob*, Manjiri Naik	American Journal Of Medical Case Reports	International	Vol.8, No.11
4	2020	Medicine	Structure,Pathway Prediction For Functional Elements of E2 Glycoprotein Precursor In Sars-Cov-2 To Analyze It'S Role In Covid-19 Desease	Subodh Choukidar2*, Talib Yusuf1, Talib S.H.3 And Sanjay Harke2	World Journal Of Pharmaceutical And Medical Research	International	Vol.6, No.8
5	2020	Medicine	Covid-19: An Enigma Beyond Doubts!	Dr Rohit Jacob, Dr Nikunj Gokani	International Journal Of Scientific Reasearch	International	
6	2020	Dermatology	Dermatosurgery Practice and Implications of Covid- 19 Pandemic: Recommendations By Iadvl Sig Dermatosurgery (Iadvl Academy) - 9Th Author	Anup K.Lahiry1, Chander Grover2, Syed Mubashir3, Karalikkattil T.Ashique4, C Madura5, Nilesh Goyal6, Ankur Talwar7,	Indian Dermatology Online Journal	National	Vol.11, No.3
7	2020	Psychiatry	Covid- 19 Pandemic Highlights The Need To Reconsider Psychiatry Training of Indian Medical Graduate	M Kishor, Vikas Menon1, H R Vinay2, Manik C Bhise3, Mohan Isaac4, Suhas Chandran5, Ajay Kumar6, Naresh	International Journal Of Health & Allied Sciences	International	Vol.9, No.1
8	2020	Psychiatry	Stress Free Business Management: Amid Covid-19 Pandemic	Dr Manik C Bhise	Udyog Samvad- Massia Newsletter	National	
9	2020	Surgery	Elective Tracheostomy In A Covid Patient With Carcinoma Palatein Covid Intensive Care Unit-Clinical Dilemma of A Surgeon	1*Bhaskar Musande, 2Neemesha Mhatre, 1Soorya Sekar And 2Dr. Palak Bohra	International Journal Of Current Research	International	Vol.12, No.10
10	2020	Radiology	Corona Virus Outbreak and Radiology Department : Workplace Preparedness, Evidence Based Measures To Limit Transmission and How Radiologist Can Help Reduce The Spread.	Dr. Amol Lahoti, Dr. Kavita Makasare	Journal Of Dr. Ntr University Of Health Sciences	National	Vol.9, No.2
11	2021	Radiology	CT chest interpretation of novel coronavirus disease (COVID-19): our experience with the first 60 patients at MGM Medical College, Aurangabad, India	Bano Nikhat, Meghana Deshmukh, Devidas B. Dahiphale, P. S. Mishrikotkar, Saurabh Joshi	MGM Journal of Medical Sciences	National	8:9-14.
12	2020	Radiology	Role of CT Pulmonary Angiography in Evaluation of COVID-19 Patients	Nikita Mantri1, P.S. Mishrikotkar2, D.B. Dahiphale3, Kavita Makasare4	International Journal of Contemporary Medicine Surgery and Radiology	International	Volume 5 Issue 4 October-December 2020



MGM Medical College, Aurangabad

MD/MS students have presented their Paper, Poster & Publication in COVID-19

Sr.No.	Name of Students	Course	Paper	Poster	Publication	Other
1	Dr.Meghana Deshmukh	MD.Radiology	-	-	Yes	
2	Dr.Mantri Nikita Kailash	MD.Radiology	-	-	Yes	
3	Dr. Praveen Godara	MD.Psychiatry				Delegate
4	Dr.Gokani Nikunj Satish	MD.Psychiatry				Delegate
5	Dr. Tripathy Srabani D.	MD.Medicine				Thesis Work



A handwritten signature in blue ink, appearing to be "Dr. M. Praveen Godara".

DEAN
MGM'S MEDICAL COLLEGE
AURANGABAD



Certificates of Appreciation

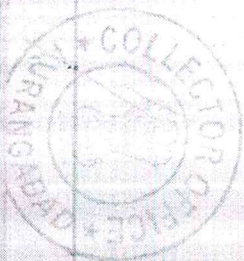


This certificate is awarded to

Mahatma Gandhi Mission Hospital

for exemplary performance under Ayushman Bharat
Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).
& Mahatma Jyotirao Phule Jan Arogya Yojana (MJ-PJAY)

Date 26th Jan 2021



District Collector, Dist. Aurangabad, Maharashtra

[Handwritten Signature]



**INDIAN PSYCHIATRIC SOCIETY TASKFORCE
FOR COVID-19 MENTAL HEALTH CARE**



Webinar: Strengthening Our Soldiers
Date: 22nd May 2020

Certificate of Participation

This is to certify that

Dr. Praveen Godara

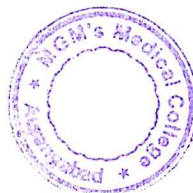
*has participated in the Webinar Online on 22nd May, 2020
as Delegate /-Faculty-*

DR. P K DALAL
PRESIDENT, IPS

DR. GAUTAM SAHA
PRESIDENT ELECT, IPS

DR. TSS RAO
HON. GEN. SECRETARY

DR. ROOP SIDANA
CHAIR PERSON - TASKFORCE FOR
COVID-19 MENTAL HEALTH CARE





Indian Association for Geriatric Mental Health

National Midterm CME of IAGMH (Webinar)

Theme : Issues and challenges in Geriatric patients
with Mental Illness amid COVID-19

Certificate of Participation

This is to certify that

Dr. Praveen Godara

has participated in the Webinar Online on 15th August, 2020
as Delegate.

Dr. G. Prasad Rao
President

Dr. Abdul Majid
Hon. Secretary

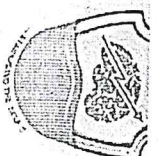




**INDIAN PSYCHIATRIC SOCIETY TASKFORCE
FOR COVID-19 MENTAL HEALTH CARE**

Webinar: Strengthening Our Soldiers

Date: 22nd May 2020



Certificate of Participation

This is to certify that

Dr. Nikunj Gokani

**has participated in the Webinar Online on 22nd May, 2020
as Delegate /Faculty.**


DR. P.K. DALAL
PRESIDENT, IPS

DR. GAUTAM SAHA
PRESIDENT ELECT, IPS

DR. TSS RAO
HON. GEN. SECRETARY

DR. ROOP SIDANA
CHAIR PERSON, TASKFORCE FOR



	MAHATMA GANDHI MISSION MEDICAL COLLEGE & HOSPITAL, AURANGABAD	Doc. No	FM/MGM/IQAC/025
		Issue No	01
	PG Six Monthly Progress Report	Rev. No.	00
		Date	21/01/2019
			Page 4 of 6

3. Participation in Extension/ Outreach activity (Camps, Awareness activity etc)

Sr. No.	Date	Name of Activity	Location	Work Done
1	10/8/2020	Covid Awareness Programme	Dyotan Hall	Attended


4. Any other academic activity conducted:

PART E

1. Conference / CME / Workshop / Seminar / Symposium Attended (Attach certificates)

Sr. No.	Name of Activity	Date	Place	Certificate submitted (Yes/No)
1.	CME on critical care medicine	31/10/2020	Dyotan Hall	
2.	Covid 19 Yesterday, Today, Tomorrow	9/1/2021	Virtual Meet	
3.	Approach to Congenital Heart disease	17/1/2021	Kamalnayan Bajaj Hospital	



	MAHATMA GANDHI MISSION MEDICAL COLLEGE & HOSPITAL, AURANGABAD	Doc. No	FM/MGM/IQAC/025
		Issue No	01
	PG Six Monthly Progress Report	Rev. No.	00
		Date	21/01/2019
			Page 2 of 6

PART C

Progress of Thesis Work

To assess the effect of Remdesivir on mortality rate, need of intubation and mechanical ventilation in covid 19 positive patients: - A retrospective observational study.

Thesis work is Reviewed & Approved by ethical committee

Thesis Guide: - Dr. Anand Nikalje

Note:-Submit Acknowledgement copy of ethics committee six months progress Report

PART D

(Activities from serial No. 1 to 5 should be rated on a scale of 0 to 10.)

1. Case Presentations, Teaching, Recent Advances, Seminars, Journal Club,

Sr. No.	Activity Type	Topic	Date	Guide	Marks
1	Case presentation attended	CNS Long case	16/1/21		
2	Case presentation attended	Respiratory long case	9/2/21		
3	Case presentation attended	CNS long case attended (Hemiplegia)	13/2/21		
4	Case presentation attended	CNS long case (GBS)	16/2/21		
5	Journal presentation	RAS inhibition & Risk of covid 19	4/2/21	Dr. Namita Soni	
6					
7					





MAHATMA GANDHI MISSION
Mahatma Gandhi Mission's

Ethics Committee for Research on Human Subjects

MGM campus, N-6, CIDCO, Aurangabad - 431003
Ph. No.: 0240-6601100, 6601174, Fax No.: +91-0240-2487727
Email: mgmecrhs@gmail.com

Office: Dr. Deepak Bhosle, Prof & Head dept of Pharmacology & Member Secretary MGM-ECRHS,
MGM Medical College, Aurangabad

MGM-ECRHS/2020/35-

Date: 21st Dec., 2020

MGM - ECRHS APPROVAL LETTER

To,

The PI: . Dr. Srabani Tripathy
Department of General Medicine
MGM Medical College, Aurangabad

Dear Dr,

The meeting of Ethics Committee for Research on Human Subjects (ECRHS) was held on 21st Dec., 2020 at 10 AM. in the Boardroom with Dr. Manvendra Kachole as Chairperson. At the said meeting, the ECRHS approved the proposal for the clinical study entitled as **"To assess the effect of remdesivir on mortality rate, need of intubation and mechanical ventilation in COVID-19 positive patients : A Retrospective observational study."** The ECRHS reviewed and approved the following documents submitted for the above mentioned clinical study.

List of Documents:

1. Study Protocol
2. Informed consent form
3. Case Record form
4. Appendices/Questionnaire
5. Adverse event reporting form / Product monograph
6. Current CV of Principal Investigator
7. Principal Investigator's undertaking

It is policy of ECRHS that, it should be informed about any serious adverse event occurring during the course of the study within seven days of the occurrence of the adverse event. The ECRHS expects to be informed about any changes in the protocol and informed Consent Document and asks to be provided a copy of the final report. The status of the study (completed/ongoing/terminated) should be reported to the ECRHS annually. 12 Members attended the meeting held on 21st Dec., 2020, fulfilling the quorum. It is hereby confirmed that neither you nor any of the study team members have participated in the voting/decision making procedures of the committee.



Dr. Jyoti Bobde
Member Secretary
MGM-ECRHS

Department of Pharmacology.

Member Secretary
MGM-ECRHS

MGM Medical College, Aurangabad



PREGNANCY OUTCOME IN COVID 19- AN EXPERIENCE AT MGM

DR. NIDHI SHETTY
2nd YEAR PG RESIDENT IN OBGY
MGM MEDICAL COLLEGE & HOSPITAL,
AURANGABAD.

GUIDED BY DR. SWATI SHIRADKAR
PROFESSOR AND HOU.





PREGNANCY OUTCOME IN COVID 19- AN EXPERIENCE AT MGM

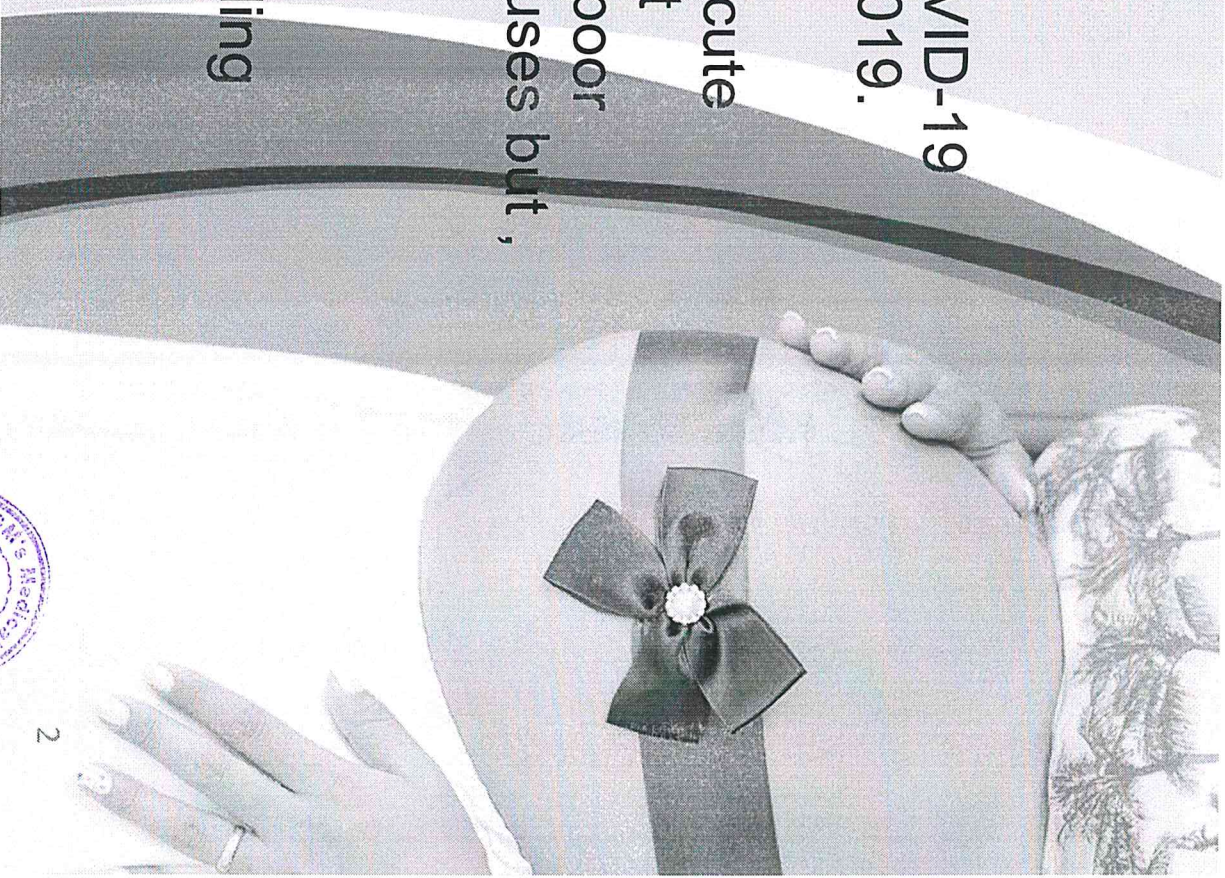
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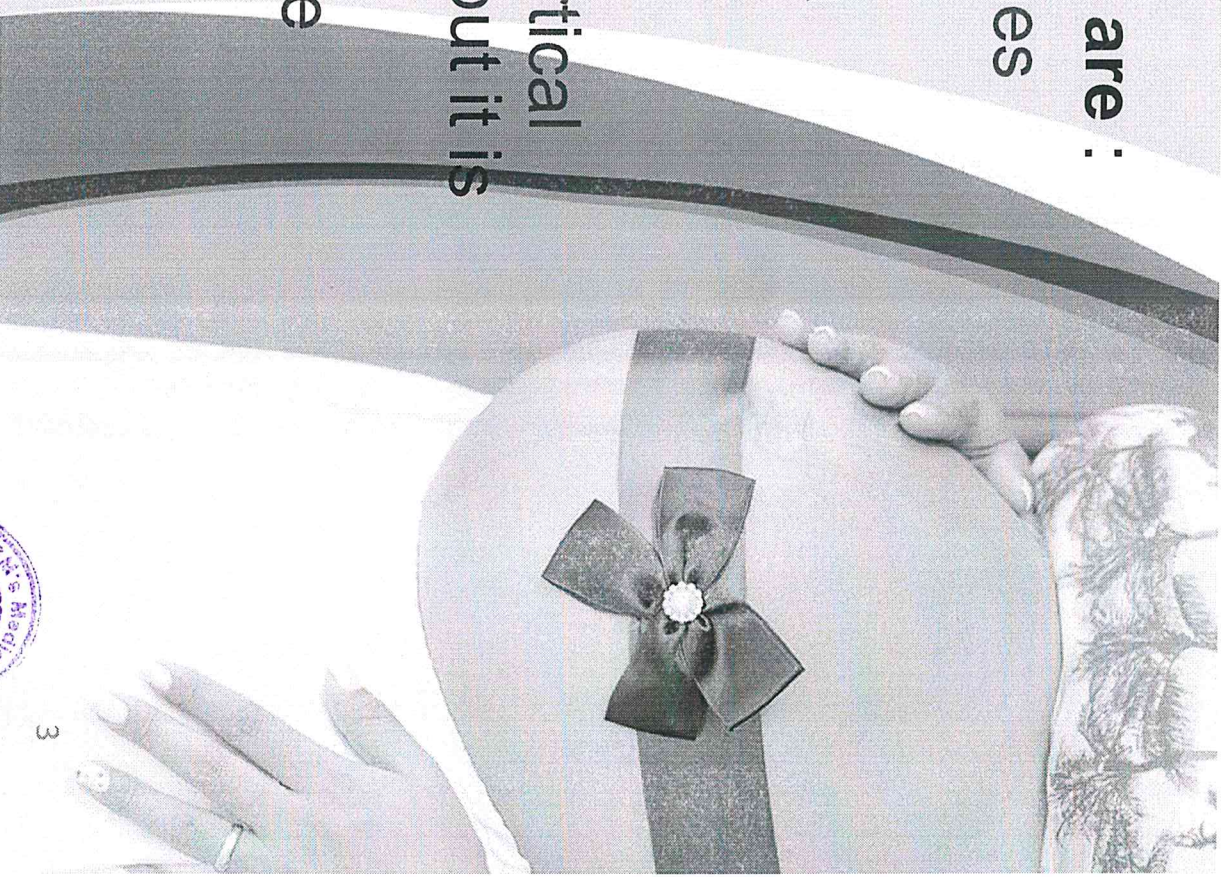


Introduction

- The world is currently reeling under the COVID-19 pandemic which began in the later part of 2019.
- Coronavirus infections in the past- severe acute respiratory infection (SARI) and Middle East respiratory syndrome (MERS) have shown poor outcomes for pregnant women and their fetuses but, it remains largely uncertain as to what is SARS-CoV-2' effect on mother and child.
- Globally , viral pneumonia is one of the leading causes of death in pregnant women.

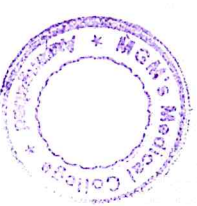
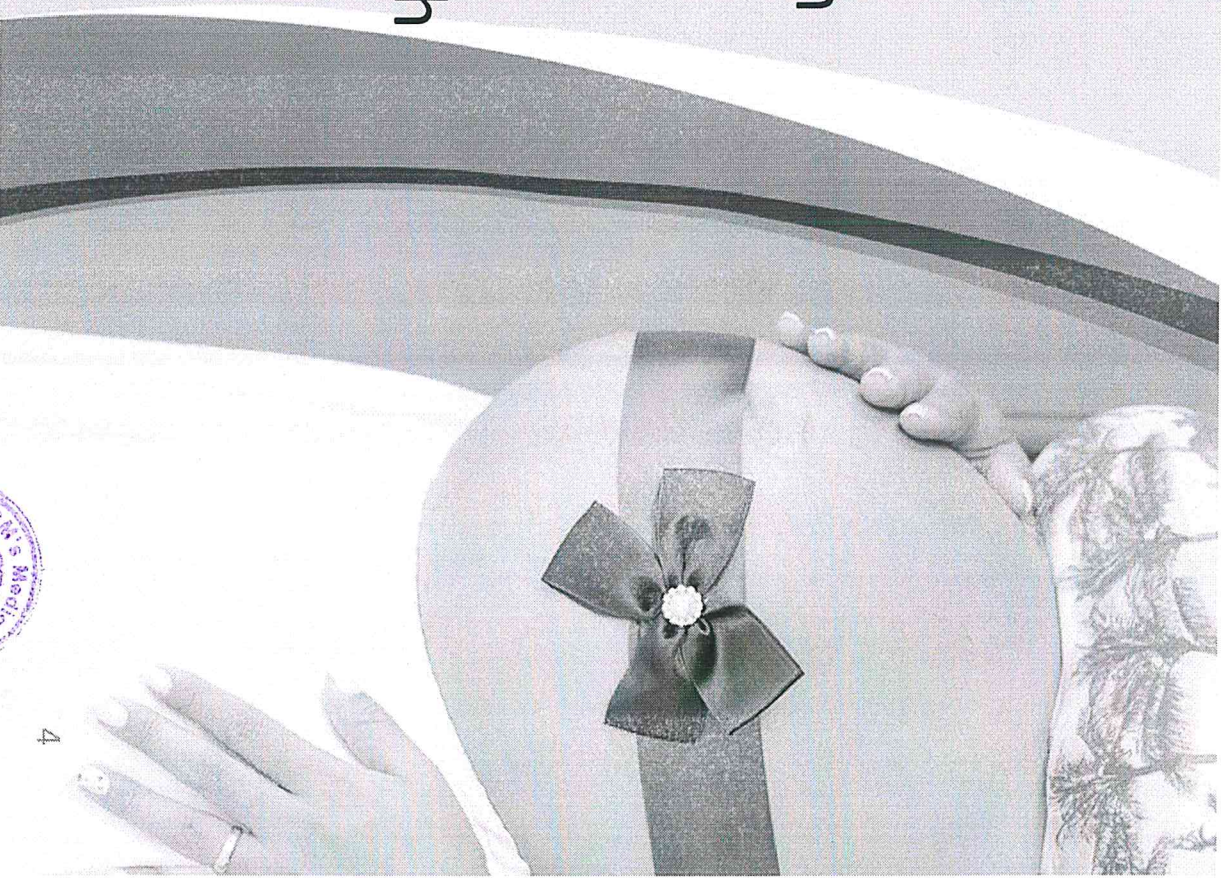


- **Risk factors in pregnant women are :**
 - ✓ Reduced functional residual volumes
 - ✓ Elevation of diaphragm
 - ✓ Edema of respiratory tract mucosa
 - ✓ Changes in cell immunity
- There is a potential for in-utero vertical transmission of SARS-CoV-2 too but it is still controversial.
- Neonate is at risk of contracting the infection too.



Aims and Objective

- To study the baseline characteristics of pregnant women with SARS-CoV-2 infection.
- To study the management and outcomes of pregnant women with confirmed SARS-CoV-2 infection and the neonatal outcome.

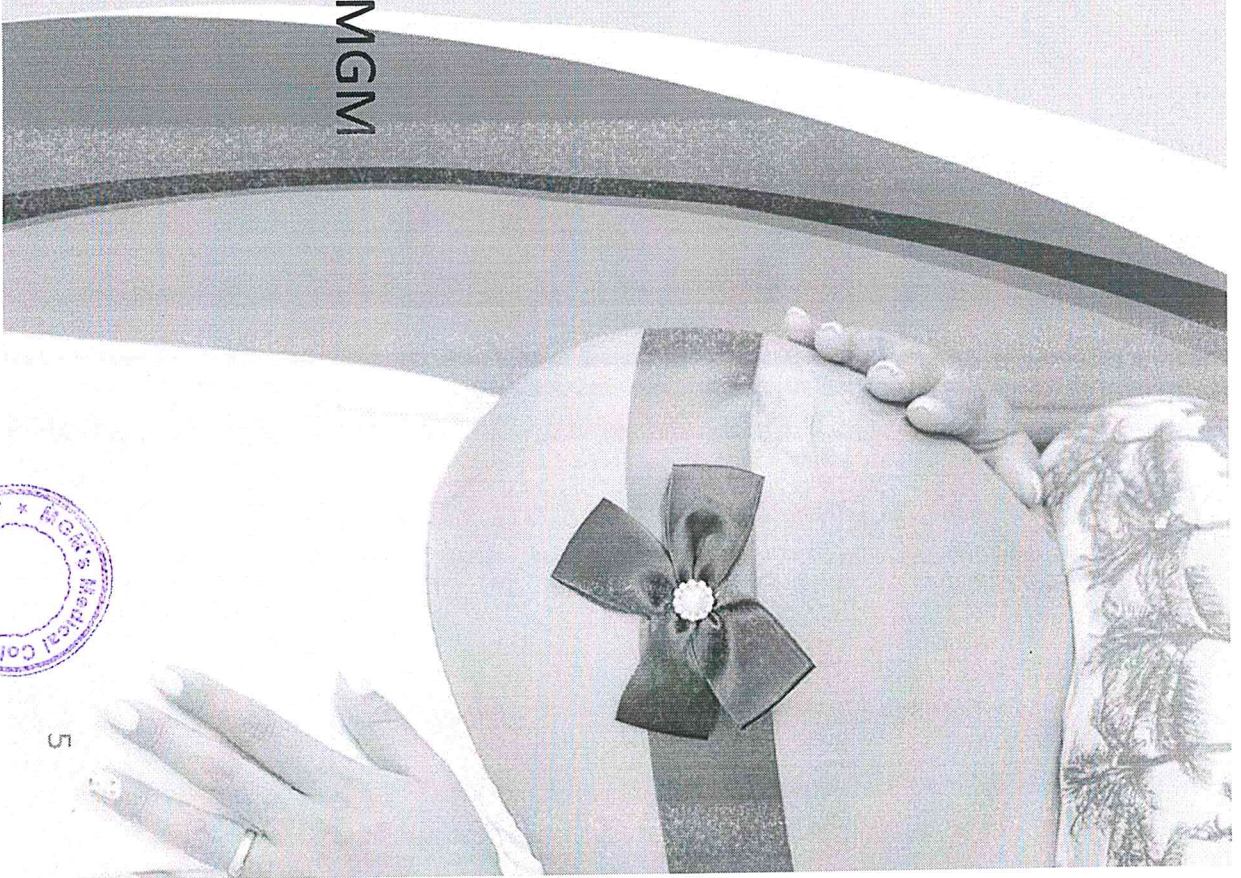


Methodology

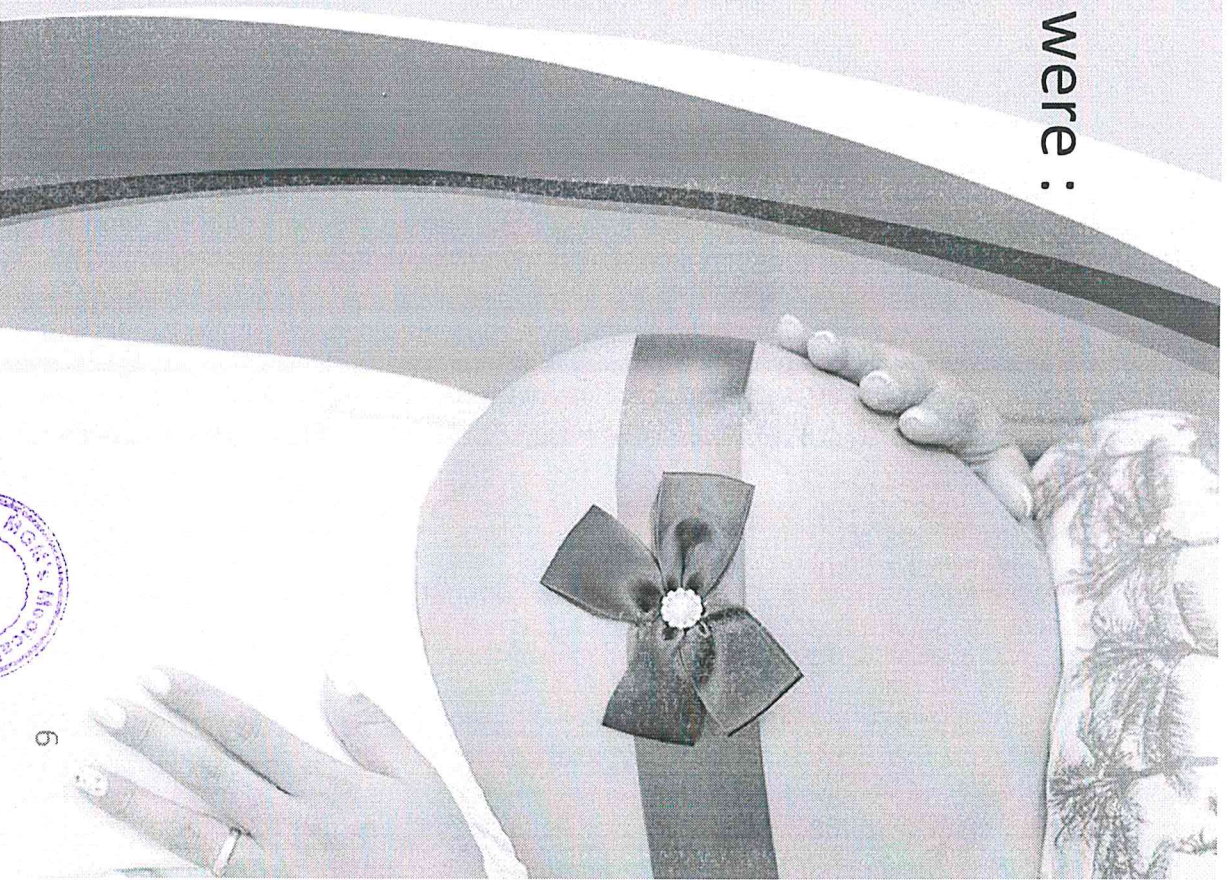
- Record based retrospective study.
- Duration : 6 Months (May- October)
- 30 cases studied from MGM hospital.

- Inclusion criteria :

All pregnant mothers who tested positive for SARS-CoV-2 infection and were admitted in the MGM Hospital.



- The parameters used for assessment were :
 1. Gestational age
 2. Symptoms
 3. Requirement of ICU care
 4. Severity of condition
 5. Treatment
 6. Comorbidities in mother
 7. Mode of delivery
 8. Maternal and neonatal outcome.



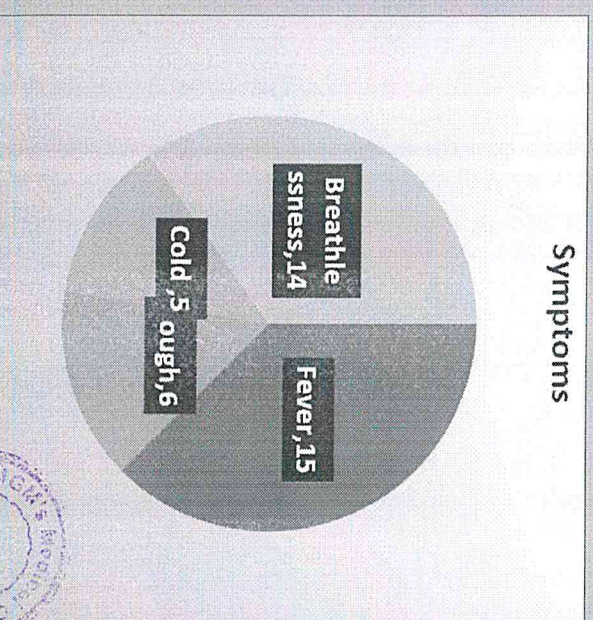
RESULTS

- Total COVID positive patients- 4068. Recovered- 93.8% Death- 6.19%
- All ANC patients (945) underwent covid testing as routine protocol.
- This record based study of 30 pregnancy outcomes , yielded the following results :

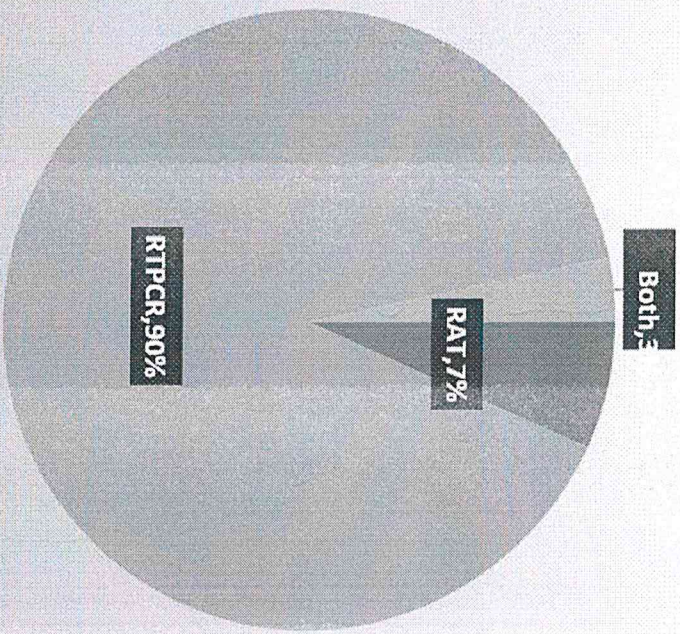
- **Baseline characteristics of study participants :**

Trimester	Frequency (N=30)	Percent
First	1	3.3
Second	9	30.0
Third	20	66.7

- Majority were asymptomatic.
- Fever (50%) & breathlessness (46.7%) were the commonest symptoms
- Three (13.3%) pregnant women required ICU care.

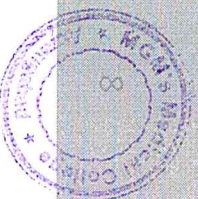


Diagnosis

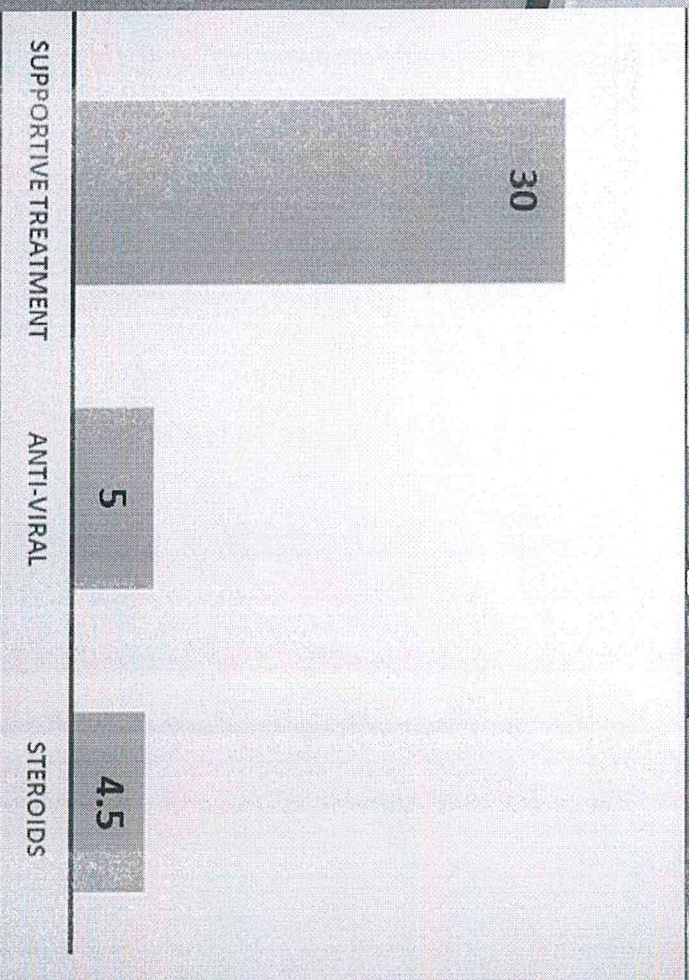


Other Lab investigations

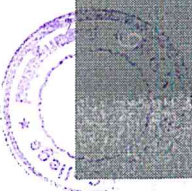
Other investigations	Number	Percent
Lymphopenia	11	36.7
Neutropenia	16	53.3
Deranged CRP, LDH, Ferritin, ESR	21	70.0



TREATMENT

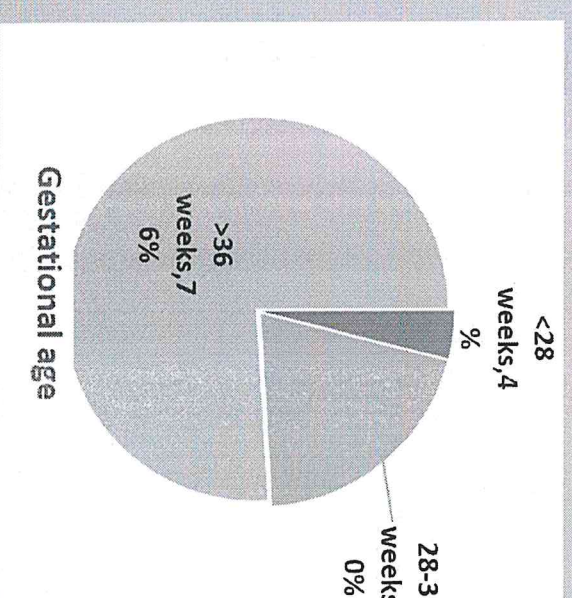
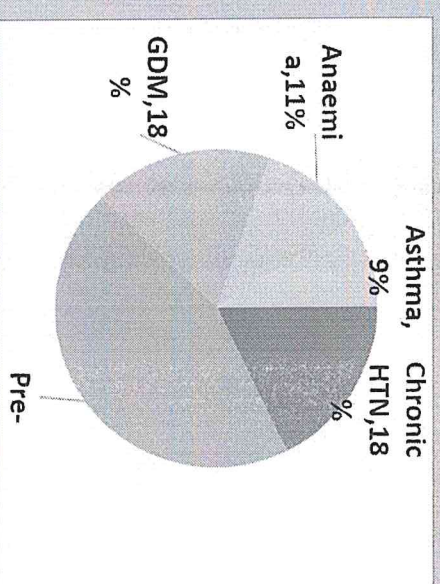


All patients received supportive treatment in form of oxygen and fluids. Anti-virals were given to 16.7% patients and steroids were administered in 26.7%.



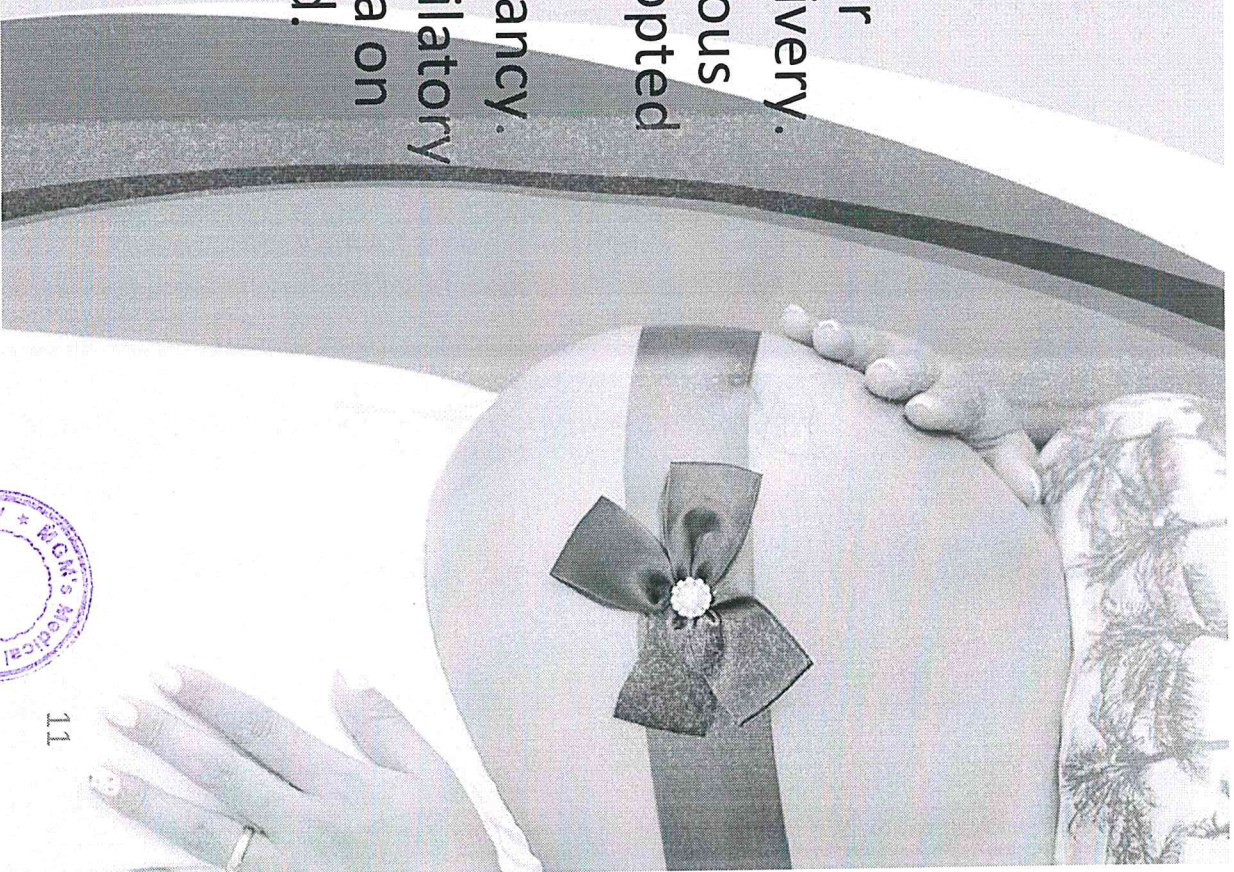
Co-morbidities

- Pre-eclampsia was the commonest co-morbidity.
- Followed by associated co-morbidities like GDM, HTN, Anaemia, Asthma.
- The gestational age at the time of delivery/ termination was >36 weeks in majority of the patients. (76%)
Preterm labour was observed in 24% of cases.

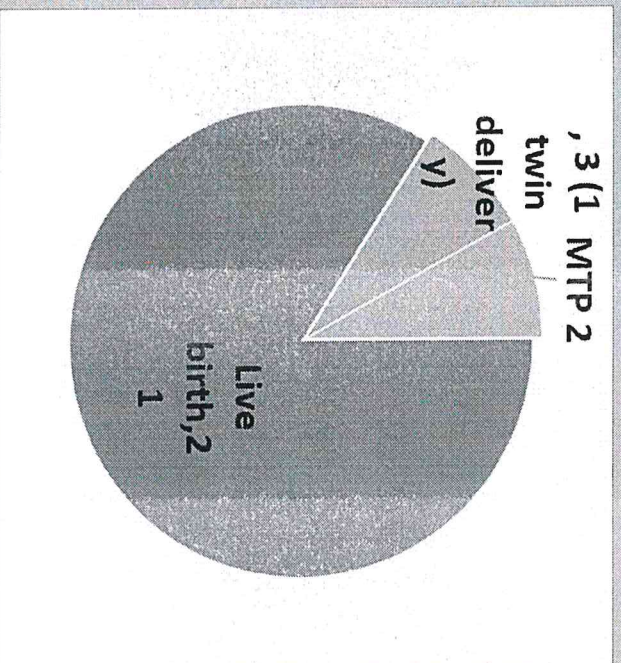


PREGNANCY OUTCOME

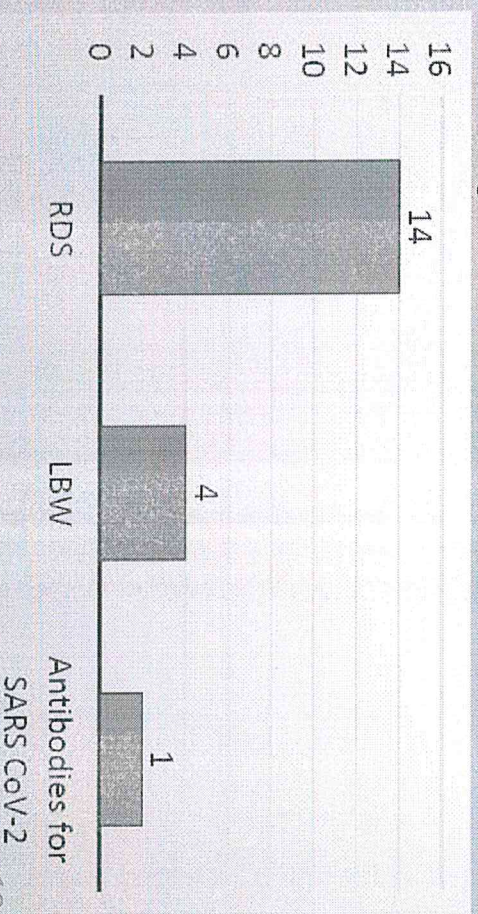
- 14 (48%) of the mothers underwent LSCS for obstetric condition, 9 (30%) had vaginal delivery.
- One patient underwent MTP due to anomalous baby while another COVID positive patient opted for MTP after 14 days of treatment.
- Five (16.7%) patients had an ongoing pregnancy.
- Total 3 patients required ICU care with ventilatory support, One patient died due to pneumonia on PND- 23 while the remaining two recovered.
- Other 27 (94.7%) patients were stable.



Neonatal Outcome

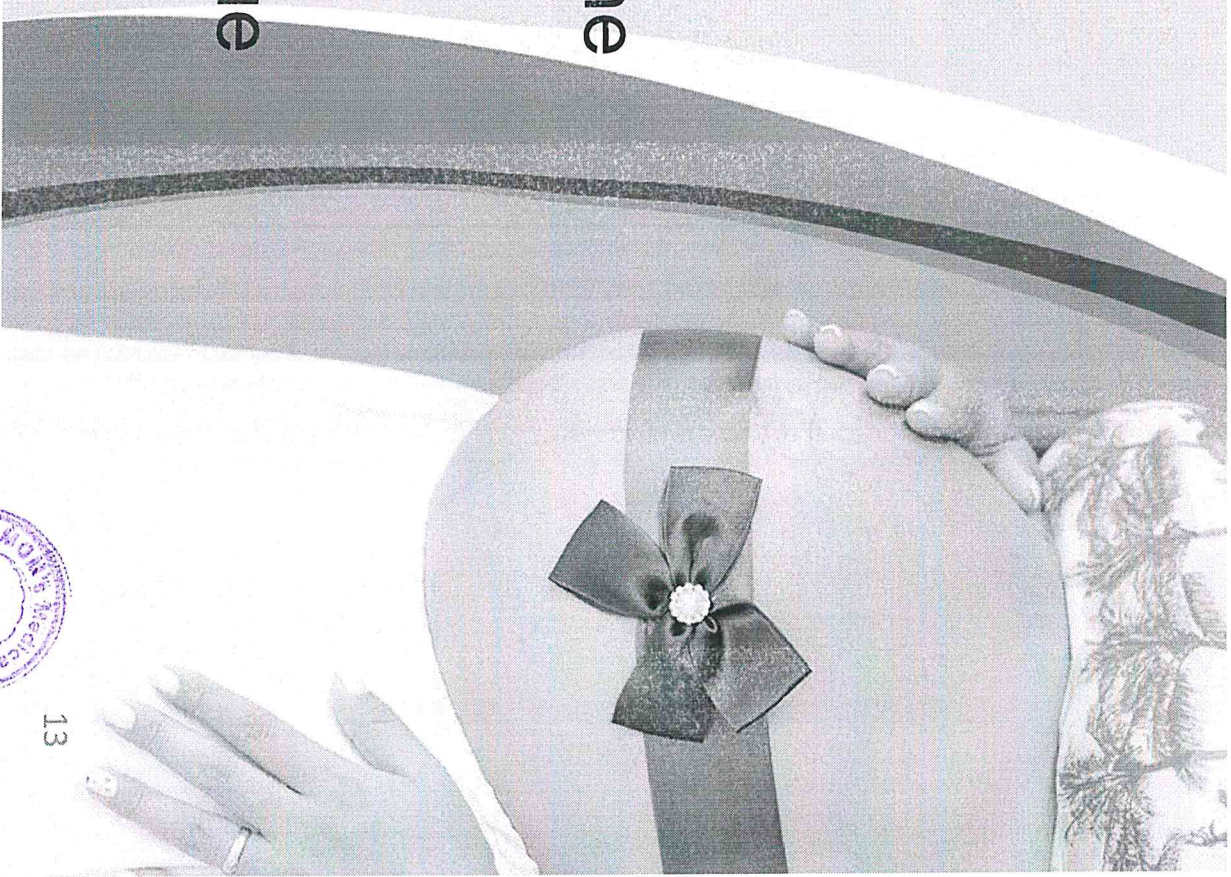


Respiratory distress syndrome (14) was the commonest cause for NICU admission in full term pregnancies. Prematurity in pre term babies (4) required NICU care. Rest babies had no co-morbidities and were isolated (5). RT-PCR testing in all neonates was negative.

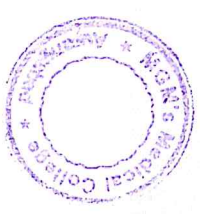
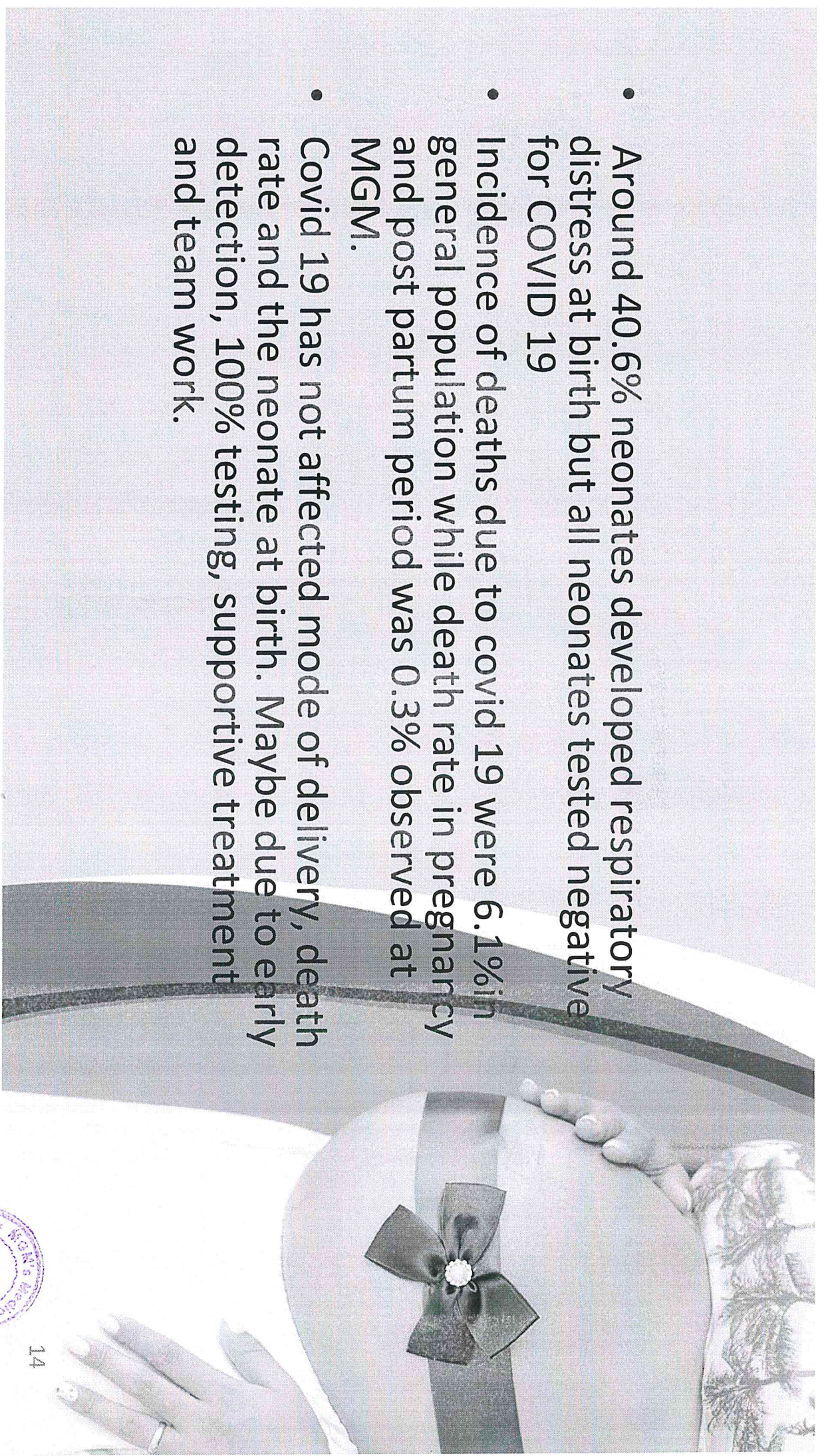


Conclusion

- Most of the pregnant woman detected with covid 19 were asymptomatic.
- Fever and breathlessness were the commonest symptoms.
- About 13.3% pregnant women required ICU admission.
- One case of Maternal mortality due to COVID pneumonia reported

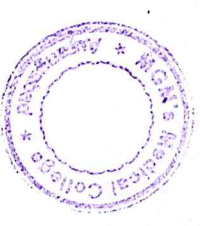
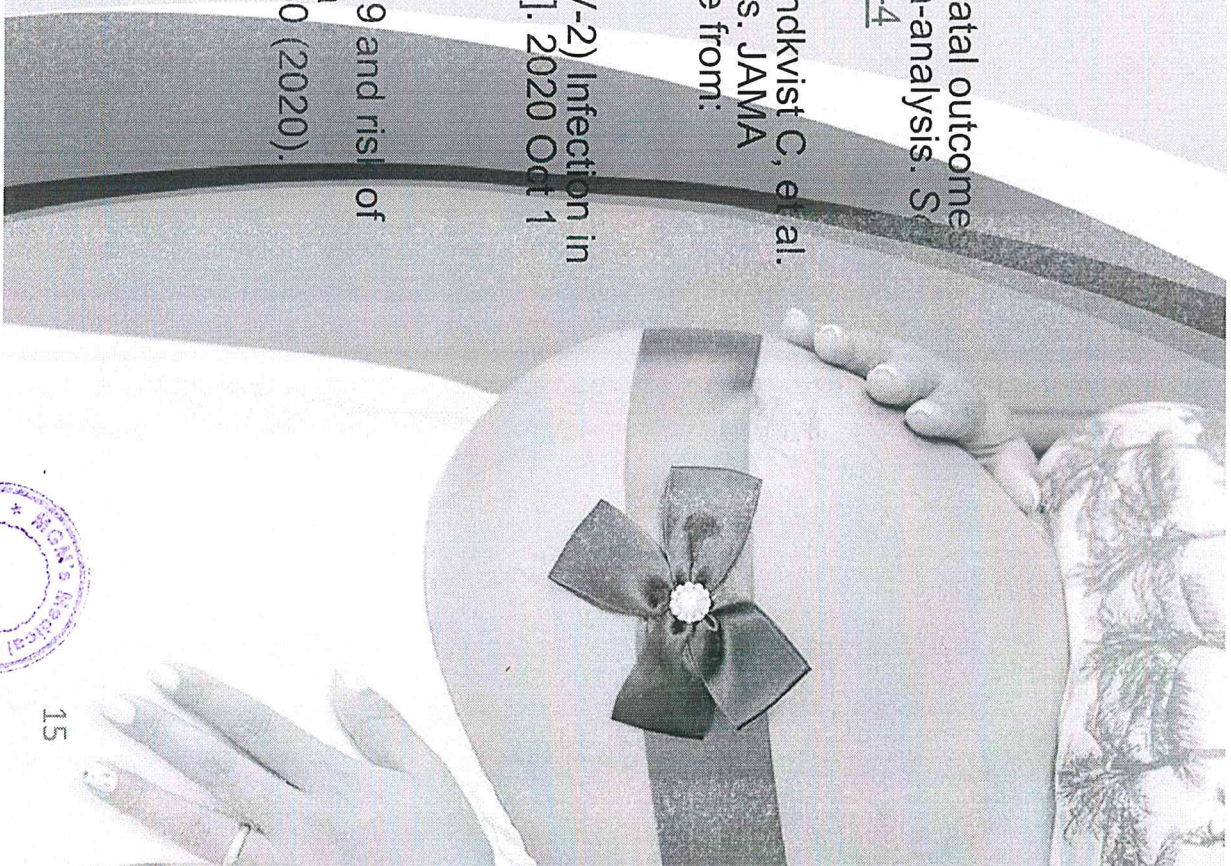


- Around 40.6% neonates developed respiratory distress at birth but all neonates tested negative for COVID 19
- Incidence of deaths due to covid 19 were 6.1% in general population while death rate in pregnancy and post partum period was 0.3% observed at MGM.
- Covid 19 has not affected mode of delivery, death rate and the neonate at birth. Maybe due to early detection, 100% testing, supportive treatment and team work.



Bibliography

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- Yang, R., Mei, H., Zheng, T. *et al.* Pregnant women with COVID-19 and risk of adverse birth outcomes and maternal-fetal vertical transmission: a population-based cohort study in Wuhan, China. *BMC Med* **18**, 330 (2020). <https://doi.org/10.1186/s12916-020-01798-1>



THANK YOU

