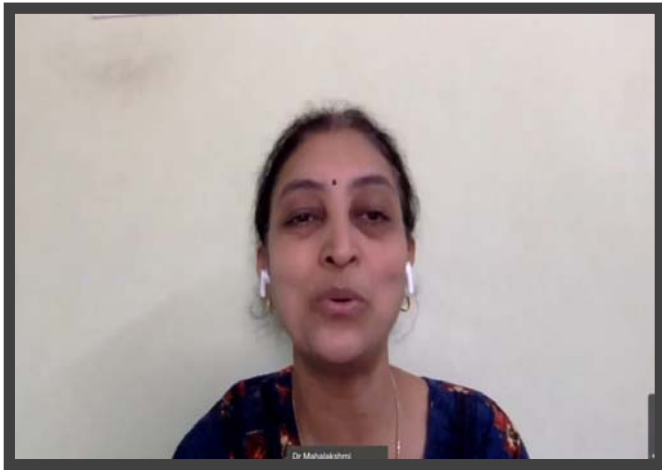


1. **TITLE OF THE PROGRAMME-** COVID19-GET YOURSELF UPDATED
2. **DATE OF THE PROGRAMME-** FEBRUARY 24, 2021
3. **VENUE-** WEBEX PLATFORM
4. **TIME-**9.00 AM- 4.00PM
5. **NATURE OF THE PROGRAMME-**NATIONAL LEVEL CME
6. **OBJECTIVE-** TO SHARE RECENT KNOWLEDGE ON COVID 19
7. **NAME OF THE DEPARTMENT-** MICROBIOLOGY
8. **ORGANIZING TEAM-**
  - a) ORGANISING CHAIRMAN- Dr. R. LATHA
  - b) ORGANISING SECRETARY-Dr.K.KAVITHA
  - c) TREASURER- Dr.M.MAHENDRAN
  - d) DEAN-Dr.P.F.KOTUR
  - e) DEAN HPE- Dr.V.N MAHALAKSHMI
  - f) MEDICAL SUPERINTENDENT-Dr.K. JAYASINGH
  - g) VICE PRINCIPAL- Dr.T.RAJAN
9. **NO OF PARTICIPANTS-** 231 participants
10. **DETAILS OF RESOURSE PERSON-**
  - a) Dr. RANGANATHAN IYER-CONSULTANT CLINICAL MICROBIOLOGIST, RAINBOW CHILDREN'S HOSPITAL AND PERINATAL CARE, HYDERABAD
  - b) Dr.K.KAVITHA, ASSOCIATE PROFESSOR, DEPARTMENT OF MICROBIOLOGY, AVMC&H, PUDUCHERRY
  - c) Dr. RAM GOPALAKRISHNAN, SENIOR CONSULTANT, INSTITUTE OF INFECTIOUS DISEASES, APOLLO HOSPITALS.
  - d) Dr.HARIHARASUDHAN, ASSOCIATE PROFESSOR, PIMS HOPITAL, PUDUCHERRY
  - e) Dr.M. PARAMESHWARI, DNB FACULTY AND ACADEMIC CO-ORDINATOR IN GOVT DISTRICT HEADQUATER HOSPITAL & DNB TRAINING INSTITUTE CUDDALORE
  - f) Dr.APURBA SANKAR SASTRY, ASSOCIATE PROFESSOR, DEPT OF MICROBIOLOGY, JIPMER, PUDUCHERRY
  - g) Dr.K.BHASKARAN, ASSOCIATE PROFESSOR,DEPARTMENT OF MICROBIOLOGY, AVMC&H, PUDUCHERRY
11. **OUTCOME** – THIS NATIONAL LEVEL CME ON COVID19 WAS SUCCESFULLY CONDUCTED ON FEB 24, 2021 WITHOUT ANY OBSTACLES
12. **FEEDBACK** – A VERY GOOD ORGANISATION WITH THE GATHERING OF EMINENT SPEAKERS, DOCTORS, PGs AND UG STUDENTS WAS CONDUCTED. IT WAS A GREAT WAY TO SHARE RECENT KNOWLEDGE ON THE ONGOING PANDEMIC. IT WAS AN EXCELLENT PROGRAMME.



DEPARTMENT OF MICROBIOLOGY		STATUS OF COVID-19 VACCINES			AI	
Sinovac	Inactivated	2 (0,14)	IM	Phase 3		
SinoPharma	Inactivated	2 (0,21)	IM	Phase 3		
Bharat Biotech	Inactivated	2 (0,28)	IM	Phase 3		
<b>Oxford/AstraZeneca</b>	<b>Viral Vector (Non-replicating)</b>	<b>2 (0,28)</b>	<b>IM</b>	<b>Phase 3</b>	<b>Complete</b>	
CanSino	Viral Vector (Non-replicating)	1	IM	Phase 3		
<b>Gamaleya-Sputnik</b>	<b>Viral Vector (Non-replicating)</b>	<b>2 (0,21)</b>	<b>IM</b>	<b>Phase 3</b>	<b>Complete</b>	
Janssen (J & J)	Viral Vector (Non-replicating)	2 (0,21)	IM	Phase 3		
Novavax	Protein Sub-Unit	2 (0,21)	IM	Phase 3		
<b>Moderna</b>	<b>Lipid Nanoparticle-mRNA</b>	<b>2 (0,28)</b>	<b>IM</b>	<b>Phase 3</b>	<b>Complete</b>	
<b>BioNTech / Pfizer</b>	<b>Lipid Nanoparticle-mRNA</b>	<b>2 (0,28)</b>	<b>IM</b>	<b>Phase 3</b>	<b>Complete</b>	
Mintal / Mamen	Viral Vector (Replicating)	1	Nasal spray	Phase 2		



GI manifestations of COVID-19

<p><b>Liver Injury in COVID-19</b></p> <ul style="list-style-type: none"> <li>ACE-2 mediated direct viral infection of the hepatocytes</li> <li>Critically ill status and immune mediated injury</li> <li>Drug hepatotoxicity</li> <li>Pts with pre-existing Liver disease such as Cirrhosis and HCC have a greater predilection for COVID-19 infection</li> </ul>	<p><b>Pancreas and COVID-19</b></p> <ul style="list-style-type: none"> <li>Ability to injure the Beta cells of the Islets of Langerhans in the pancreas</li> <li>Predilection for acute diabetes mellitus</li> <li>Drug induced pancreatic injury</li> </ul>
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Participants (33)

microbiology

Ranganathan Iyer

Chat

Dr. Pradeep Selvakumar MD (DM) 12:27 PM  
 Have somebody to respond 12:27 PM  
 kindly post your question. If any in the chat box then Dr. Ranganathan Iyer 12:28 PM  
 NOT audio 12:28 PM  
 How do you want to respond 12:40 PM  
 Is of audio man. 12:40 PM  
 Have somebody to respond 12:44 PM  
 kindly post your question. If any in the chat box then Dr. Ranganathan Iyer 12:44 PM  
 Dr. S. Saravala

Management of critically ill patients with COVID-19 in ICU

Dr. Hariharan MD, DCCM - Associate professor, Anaesthesiology and critical care, PIMS

Participants (138)

Chat:

- what is the mech to reuse rES masks from microbiology to everyone: 11:24 AM
- kindly post your question , if any in the chat box from Dr. Vishnu Vardhan D to everyone: 11:24 AM
- Madam is it possible to be antigen test positive after second dose of convalescent vaccination from Dr. Mahendran Chait to everyone: 11:25 AM
- Good morning Dr Ram from Dr. Vishnu Vardhan D to everyone: 11:27 AM
- Thank u madam from microbiology to everyone: 11:29 AM
- kindly post your question , if any in the chat box

Content of today presentation

1. Introduction
2. Laboratory testing guiding principles
3. Molecular Methods
4. Rapid antigen Detection
5. Viral culture
6. Antibody detection
7. Challenges for diagnosis
8. Markers for prognosis and therapeutic monitoring

Participants (126)

Participants (32)

microbiology	CME ON COVID19 GET YOURSELF UPD...	Dr. K.Kaitha	Aishwarya 5_2nd year	Arkadipta Kar 2nd year Roll...
Vishnu Vardhan 2nd year	Baani P	Bhanu kumar	chandreyee pal 16 2nd year...	Dr Anusudha Chandran
Uj Chempalathu M...	Dr C.Hemalatha	Dr. Deepika	Dr. K. CHEVICHAN	Dr. Madhu
Dr. Mahendran Chait	Dr. G.A.Prasanthini	Dr. Anam M	Dr Mahendran Chait	Gopalar Devi, 1_2nd yr stu...
Guest Researcher A	RAMSREDDY M	kabirah	kabirah M	Kishorakumar 1st year Roll...

Discussion

- The administration of convalescent plasma with high titers of antibodies against SARS-CoV-2 to infected patients within 72 hours after the onset of symptoms reduced the risk of progression to severe respiratory disease by 48%.
- Trial lacked the statistical power to discern long term outcomes, the convalescent plasma group appeared to have better outcomes than the placebo group with respect to all secondary end points.

Participants (145)

EFFECT OF COVID-19 ON PREGNANT WOMEN

- There is now growing evidence that pregnant women may be **at increased risk of severe illness from COVID-19** compared with non-pregnant women, particularly in the **third trimester**

Participants (69)

Chat:

- from Dr. Vishnu Vardhan D to everyone: 1:11 PM
- voice breaking sir
- to Dr Hariharan (privately): 1:12 PM
- sir there is a break in voice
- from microbiology to everyone: 1:16 PM
- NOT NOW SIR
- from microbiology to everyone: 1:18 PM
- kindly post your question , if any in the chat box
- from Dr.Pradeep Selvaraj to everyone: 1:32 PM
- Dr.Pradeep Selvaraj MD (CM)
- from microbiology to everyone: 2:01 PM
- kindly post your question , if any in the chat box