



TM

GUJARAT CRITICAL CARE CONFERENCE 2012

GCC 2012
10th-11th March, 2012

Venue: Hotel Cambay Grand, Thaltej, Ahmedabad

Final Programme



www.gujaratcriticalcare.com



GCC 2012

Lecture Sessions

Registration Open

GCC 2012 LECTURES
11th March, Sunday

Venue - Hotel Cambay Grand, Thaltej, Ahmedabad
Duration - 9 hrs

07:30-08:30 hrs Registration, Breakfast, Saraswati Vandana
Inauguration by **Dr. Shilin Shukla, Dr. R. K. Patel, Dr. V. N. Shah, Dr. Harshad Gandhi, Dr. Bharat Shah**

Neurocritical care- 40+8 MIN

- 08:30-08:50 hrs Acute brain dysfunction in the ICU patient –cause ,effect, prevention and treatment
08:50-09:10 hrs Subarachnoid Hemorrhage(SAH) can we prevent complication and mortality- goal directed therapy in early hours.

Cardiac critical care 40+8 MIN

- 09:18- 09:38 hrs Changing approach in management of acute decompensated heart failure in ICU
09:38- 09:58 hrs Diagnosis and Management of acute right heart failure –(clinical scenario of PE, Cor-pulmonale and PrPH)

Pulmonary critical care 60+12 MIN

- 10:05- 10:25 hrs What so far we have understood about pathophysiology, prevention and management of ARDS
10:25- 10:45 hrs Neuromuscular respiratory failure -preventive, assessment and therapeutic strategy
10:45- 11:05 hrs Hypercapnic respiratory failure does not mean COAD only , it has other important diagnostic, prognostic and therapeutic implications

11:05 -11:25 hrs Tea Break

Sepsis and septic shock - 80+15 MIN

- 11:25-11:45 hrs Multi Drug Resistant - Acinetobacter Baumannii infection in ICU, current problems, preventive and therapeutic strategy
11:45-12:05 hrs Pitfalls in diagnosing sepsis in immunocompromised host and role of empirical antifungal therapy
12:05-12:25 hrs My patient after optimum fluid and ionotropic resuscitation is still in shock -what can I do?-more fluid, more ionotrops or something else.
12:25-12:40 hrs Thrombocytopenia in ICU patient - how to approach and manage

13:00 -14:00 Lunch

Surgical /Trauma - 60+10 MIN

- 14:00-14:20 hrs Post op care of high risk surgical patient- issues of pain , fluid, feeding, DVT prophylaxis and infection control
14:20-14:40 hrs SEPSIS in poly trauma patients -VAP, surgical site infection or something else
14:40-15:00 hrs How do I manage acute cervical spine injury and thoracic trauma - current guidelines

Acute Kidney Injury and Acute liver dysfunction - 60 +10 MIN

- 15:10-15:30 hrs Who should provide Renal Replacement therapy in sick patient and how to provide it- Intensivist or Nephrologist
15:30-15:50 hrs Can we improve survival in acute fulminant hepatic failure—what has changed in management
15:50-16:10 hrs Approach to patient of hyponatremia - and goal directed correction in sodium, problem with rapid correction

DRUG, ETHICS and CARE - 60+10 MIN

- 16:20-16:40 hrs Pharmacokinetics and Pharmacodynamics aspects of antibiotic use in critically ill patients
16:40-17:00 hrs Communication with relative and visit policy. Payment structure for intensivist who will decide and how to decide
17:00-17:20 hrs Current practice of DVT prevention guidelines –anticoagulation, mechanical device or both and when to use IVC filter?

17:30 hrs Final Remark, Hi Tea

Speaker	Chairperson
Dr. Ashit Hegde	Dr. Parimal Tripathi
Dr. Subhas Todi	Dr. Jyotin Shah Dr. Surendra Gupta
Dr. Yatin Mehta	Dr. Ajay Kothiala
Dr. R K Mani	Dr. P. L. Sachapara Dr. Sahil Patel
Dr. Shirish Prayag	Dr. Harendra Thakkar
Dr. Prachee Sathe	Dr. Ashok Shah
Dr. Rajesh Chawla	Dr. Narendra Raval
Dr. Subhas Todi	Dr. Suresh Sagar
Dr. Arvind Baronia	Dr. Gyanendra Gupta
Dr. Khushrao Bhajan	Dr. Bharat Shah
Dr. Babu Abraham	Dr. Arvind Patel
Dr. Sanjay Dhanuka	Dr. Bhavin Patel
Dr. Prakash Shastri	Dr. Sunil Maheshwari
Dr. Narendra Rungta	Dr. Darshan Shukla
Dr. Jose Chacko	Dr. Javed Vakil
Dr. Jose Chacko	Dr. Mustufa Rangwala
Dr. Rajesh Mishra	Dr. Mahesh Thakkar
Dr. Ankur Gupta	Dr. Mayank Shah
Dr. Sunil Karanth	Dr. Jitendra Nagar
Dr. Pradip Bhattacharya	Dr. Atul Parikh

Register before 8th March. For more details contact Conference Secretariat



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GCC 2012

Workshop Programme I

Registration Closed

Monitoring in ICU (Ventilator and Hemodynamics)
Course director - Dr. Rajesh Chawla
10th March, Saturday

Venue - **Hotel Cambay Grand,**
Thaltej, Ahmedabad
 Total Delegates - **100** Time - **9:15 hrs**

Learning objective-

- To understand the basic physiology of hemodynamic change during mechanical ventilation
- To Learn basic principle and setup for invasive monitoring.
- Monitoring in shock patient-arterial pressure, CVP, CO, or SVCO2
- To understand the terminology in mechanical ventilation
- Initiating mechanical ventilation
- Monitoring during mechanical ventilation
- Economic aspect of monitoring in ICU

Programme 08:45 - 11:00 hrs		Sepaker	Chairperson
08:45-09:00 hrs	Introduction to the course- 15 MIN	Dr. Rajesh Chawla	Dr. Tejas Prajapati
09:00-09:20 hrs	Heart lung interaction during mechanical ventilation- 20+5 MIN	Dr. Rajesh Chawla	Dr. Sanjay Shah
09:25-09:45 hrs	Setting up for invasive monitoring-understanding the principle of transducer, concept of zeroing, and pitfalls- 20+5 MIN	Dr. Babu Abraham	Dr. Pankaj Dubey
09:50-10:10 Hrs	Static vs dynamic invasive arterial pressure monitoring and clinical implications- 20+5 MIN	Dr. Khushrao Bhajan	
10:15-10:35 hrs	Dynamic CVP monitoring and its clinical implications in fluid responsiveness- 20+5 MIN	Dr. Prachee Sathe	
10:40-11:00 hrs	Cardiac output Monitoring for managing shock- 20+5 MIN	Dr. Rajesh Mishra	
11:05-11:20 hrs	Tea Break		
11:20-11:40 hrs	Understanding terminology and basics of modes of mechanical ventilation- 20+5 MIN	Dr. Rajesh Chawla	Dr. Harshal Thakar
11:45-12:05 hrs	Weaning - Spontaneous v/s Pressure Support mode- 20+5 MIN	Dr. Khushrao Bhajan	Dr. Amish Parikh
12:10-12:30 hrs	Initiation of mechanical ventilation and monitoring- 20+5 MIN	Dr. Sanjay Dhanuka	Dr. Manish Agrawal
12:35-12:50 hrs	PEEP application- how much and how to titrate in various diseases- 15+5 MIN	Dr. Prachee Sathe	
12:55-13:20 hrs	Understanding and interpreting ventilator graphics- 25+5 MIN	Dr. Babu Abraham	
13:25-14:30 hrs	Lunch		
14:30-18:00 hrs	Hands on (45 minutes each station)		
Station 1	Setting of Ventilator	Dr. Prachee Sathe	
Station 2	Modes of Ventilation	Dr. Rajesh Chawla	
Station 3	Monitoring and Graphics	Dr. Babu Abraham	
Station 4	Arterial and Central Venous Cannulation and setting up a transducer	Dr. Sanjay Dhanuka	
Station 5	Interpretation of haemodynamic data using CO, PAC AND SVCO2	Dr. Rajesh Mishra Dr. Ganshyam	
17:30 hrs	Putting it all together and Hi Tea	All Faculty	

Workshop is supported by **Philips Health Care**  sense and simplicity

Workshop Programme II

Registration Closed

Ultra Sonography & Echo Cardio Graphy
10th March, Saturday from 8:45 - 17:45 hrs

Venue - **Hotel Cambay Grand, Thaltej, Ahmedabad**
 Maximum Delegates - **40**

Learning objective-

- Understanding basic use of ultrasound for the intensivists
- How to do the procedure under USG guidance in ICU
- Hemodynamic assessment of shock patient by USG
- Bed side Assessment and Diagnosis of LUNG, Right ventricle and DVT
- Focussed USG in trauma patients

Introduction to course		Sepaker	Chairperson
08:45-09:00 hrs	Introduction of course and faculty	Dr. Jose Chacko	Dr. Naman Shastri
09:00-09:25 hrs	Airway assessment	Dr. Sachin Gupta	Dr. Ashaben Shah
09:30-09:55 hrs	Lung Ultrasound	Dr. Shrikanth Srinivasan	Dr. Manish Agrawal
10:00-10:25 hrs	Right ventricle and pulmonary artery assessment	Dr. Hitesh Shah	
10:30-10:45 hrs	Tea Break		



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Workshop Programme II

Registration Closed

		Sepaker	Chairperson
10:45-11:10 hrs	Hemodynamic assessment	Dr. Jose Chacko	Dr. Naman Shastri
11:15-11:40 hrs	Focussed Assessment with Sonography for Trauma (FAST)	Dr. Rajesh Mishra	Dr. Ashaben Shah
11:45-12:10 hrs	Deep Vein Thrombosis	Dr. Darshan Majmudar	
12:15-12:40 hrs	US Guided Central Line placement	Dr. Shrikanth Srinivasan	
12:45-13:00 hrs	Efficacy, reliability and cost-effectiveness of point of care ultrasound by intensivists	Dr. Jose Chacko	
13:00-14:00 hrs	Lunch		
14:00-17:00 hrs	Hands on		
Station 1	Airways and Central line	Dr. Sachin Gupta	
Station 2	Lung Ultrasound	Dr. Shrikanth Srinivasan	
Station 3	Hemodynamic assessment	Dr. Jose Chacko	
Station 4	FAST	Dr. Keyur Shah	
Station 5	Pulmonary artery and RT ventricle	Dr. Hitesh Shah	
Station 6	Venous Doppler DVT	Dr. Darshan Majmudar	
17:00-17:15 hrs	Discussion, wrap up and Hi Tea	All the Faculty	

The Workshop is Supported and Sponsored by  G E HEALTHCARE.

Total Duration **08:30 hrs**

Workshop Programme III

Registration Closed

Extra Corporeal Life Support (Extra Corporeal Membrane oxygenation & Continuous Renal Replacement Therapy)

Venue - **Hotel Cambay Grand, Thaltej, Ahmedabad**
Maximum Delegates - **40** Duration - **9 hrs**

Learning objective-

- To know about basic principle of available Extra Corporeal Life Support gadgets
- When to use then, how to use them and how to monitor progress and complications
- To understand the economic aspects of these life support therapy

		Sepaker	Chairperson
08:45-09:00 hrs	Introduction to course and faculty introduction	Dr. Yatin Mehta	Dr. Vinay Bhomia
09:00-09:20 hrs	Basic principles and terminology of CRRT: 20+5 MIN	Dr. Rajesh Mishra	Dr. Prakash Darji
09:25-09:45 hrs	Understanding connection, tubing and initiation of CRRT: 20+5 MIN	Gembro Expert	Dr. Pankaj Shah
09:50-10:25 hrs	Prescription and practice of CRRT (which includes indications, timing, dose, type of fluid used and Termination of CRRT: 35+10 MIN	Dr. Rajeev Annigeri	
10:35-10:55 hrs	Monitoring of CRRT and complications of CRRT: 20+5 MIN	Dr. Sunil Karanth	
11:00-11:20 hrs	Tea Break		
11:20-11:40 hrs	ECMO introduction which will include what is ECMO, how does it works, the ECMO system & its complications: 25+5 MIN	Maquet Expert	Dr. Niren Bhavsar
11:45-12:05 hrs	Indications of ECMO in general with selection criteria & when should one consider ECMO: 20+5 MIN	Dr. R K Mani	Dr. Bhupesh Shah
12:10-12:30 hrs	Respiratory ECMO - Why do we need, When do we need & How should we do: 20+5 MIN	Dr. Pranay Oza	Dr. Priyanka Sinha
12:35-12:55 hrs	Cardiac ECMO - Why do we need, When do we need & How should we do: 20+5 MIN	Dr. Yatin Mehta	
13:00-13:20 hrs	Use of Toramixin (polyB) filter as a rescue therapy in septic shock: 20 MIN	Dr. R K Mani	
13:25-14:30 hrs	Lunch		
14:30-18:00 hrs	Hands on Training Video, Simulation		
Station 1	CRRT	Dr. Sunil Karanth Dr. Rajeev Annigeri	
Station 2	ECMO	Dr. Yatin Mehta Dr. Pranay Oza	
	Hands on Training		
Station 3	Toramixin Filter	Dr. R K Mani	
18:00-18:30 hrs	Economic Aspect of ECLS Followed by Discussion		
	Discussion and Final Remarks, Hi Tea	All The Faculty	

Total Duration **09:45 hrs**

ECMO session is supported by

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