



CRITICIMA
INDIAN MEDICAL ASSOCIATION TAMILNADU



IMA AMS TNSB CRITICAL CARE WORKSHOP

BASICS OF MANAGING THE CRITICALLY ILL

A Structured Programme for General Practitioners

AREAS COVERED

1. Basics of Critical Care
2. Trauma and basics of fluid management
3. Poison management and airway skills for ICU
4. Sepsis and mechanical ventilation
5. Managing acutely ill scenarios

Total – 5 sessions
Over 5-month duration
1 session every month
Lectures and workstations
9 AM to 4 PM

WORKSHOP COMMENCES FROM JANUARY 2023



IMA AMS CHAIRMAN Dr. R. Kannan

Sai Eye Clinic & Multispecialty
VNR Nagar, 18th Street #7A,
Nellikuppam high road,
Cuddalore-607001
P: 9442577394
Email: gothy75@hotmail.com,



IMA AMS Secretary Dr. V. Rajeshbabu

No. 6, VNR Nagar, 18th Street
Vadavalli
Coimbatore-641041
P: 9360030094
Email: svrbmch@gmail.com

PROGRAMME CO-ORDINATORS



Dr. M. N. Sivakumar

Consultant Intensivist,
Head-Institute of Critical Care Medicine,
Royal Care Super Speciality Hospital Ltd
P: 98422 49230
Email: drsivaicu74@gmail.com



Dr. Vivekananthan P

Consultant Intensivist
Royal Care Superspeciality Hospital Ltd
Phone : 9790470908
Email : vivekananthanicu@gmail.com

WHO SHOULD ATTEND

Clinicians who manage critically ill patients on a day-to-day basis including General physicians, Emergency physicians, Anaesthetists, Surgeons, Nursing home owners, Post graduates of all specialties and post MBBS doctors.

E-Mail your application: Mr. Chelladurai, IMA TNSB Manager Ph: 7338785360, Email: imatamilnadu@gmail.com

For Further Queries contact: Dr. N. R. T. R. Thiagarajan, Hony State Sec IMA Tamil Nadu Head, Qtrs building, Doctors Colony, off. Mudichur Road, Bharathi Ngr 1st main road, Tambaram west, Chennai & Dr. V. Rajesh babu - 9360030094

Workshop Fee: 20,000/-

Account Name: Indian Medical Association

AMS Account No: 75260100001890

Bank: Bank of Baroda. Branch: Theni

IFSC Code: BARBOTHENIX (fifth character is zero)



Royal Care Super Speciality Hospital Ltd.,
1/520, Neelambur, Sulur Taluk, Coimbatore-641062

1. BASICS OF CRITICAL CARE (1ST MONTH)

LECTURE

1. Recognizing and assessing critically ill patients
2. Stabilizing critically ill patients
3. Judicious Use of invasive lines in critically ill- when, where and how?
4. Basic Life Support and Advanced Cardiac Life Support – Overview
5. Common electrolyte abnormalities and management

ADDRESS YOUR QUERIES: PANEL DISCUSSION

HANDS ON WORKSHOPS

1. Arterial Blood Gas (ABG) Interpretation
2. Radiology In ICU
3. Hands on BLS training
4. Hands on ACLS training
5. Arterial And Central Venous Line Set Up and Trouble Shooting

2. TRAUMA AND BASICS OF FLUID MANAGEMENT (2ND MONTH)

LECTURE

1. Key concepts of ATLS management- primary and secondary survey
2. Basics of trauma resuscitation- fluids, Blood and Blood products- which one, how much and when to use
3. Head and spinal Injury- Learning the basic concepts and management skills
4. Chest and abdominal Injury- Basics and pitfalls explained
5. Transport of Critically ill – Protocols and precautions

ADDRESS YOUR QUERIES: PANEL DISCUSSION

HANDS ON WORKSHOPS

1. Fluids use in critical care- crystalloids Vs. colloids
2. Scenario- chest Injury- ICD placement and flail chest management
3. Scenario- Spinal injury and more- identify, principles of care, applying neck collar, applying pelvic binder, identifying compartment syndrome and log roll demo
4. Scenario- transport of critically ill patients- Personnel, protocol, precautions to take and safety features

3. POISON MANAGEMENT and AIRWAY SKILLS for ICU (3RD MONTH)

LECTURE

1. Initial Assessment and decontamination methods in poisoning
2. Antidotes And General Critical Care Support
3. Commonly Encountered Poisoning and their management- OPC, Glyphosate, Aluminum phosphide and Paraquat
4. Commonly encountered poisoning and their management- Beta blockers, Calcium channel blockers, Plant poisons and Rat killer poison
5. Envenomation- protocolized management
6. Airway Management Skills for ICU

ADDRESS YOUR QUERIES: PANEL DISCUSSION

HANDS ON WORKSHOPS

1. Airway Assessment, Use of Airway Adjuncts and Bag and Mask Ventilation Practice
2. Oxygen therapy devices and intubation skills practice in mannequins
3. Decontamination Procedures- How is it done and What Not to Do?
4. Elimination techniques- Forced Alkaline Diuresis, Charcoal Hemoperfusion, and Hemodialysis
5. Basic ECMO Principles, Indications Explored and when to refer

4. SEPSIS AND MECHANICAL VENTILATION (4TH MONTH)

LECTURE

1. Basics of antimicrobial therapy
2. Identification, diagnosis and resuscitation in sepsis
3. How to reduce Hospital Acquired Infections in Day-to-day Practice and bundle management
4. Non-Invasive Ventilation – modes, initiation, and maintenance
5. Invasive Mechanical Ventilation – modes, initiation, and maintenance

ADDRESS YOUR QUERIES: PANEL DISCUSSION

HANDS ON WORKSHOPS

1. Septic Shock Management – Fluids, Inotropes and Vasopressors- Right Choices, Sepsis Bundles and how soon to achieve them ?
2. Choosing The Right Antibiotic, antibiogram interpretation and Antibiotic Stewardship
3. Management of patient of mechanical ventilation - humidification, suctioning, DVT prophylaxis and Nutrition
4. Hands-on-training on NIV, HFNO and various interfaces
5. Hands-on-training on invasive mechanical ventilator

5. MANAGING ACUTELY ILL SCENARIOS AND NUTRITION IN CRITICALLY ILL (5TH MONTH)

LECTURE

- 1.Acute Coronary Syndrome- Early Detection, Biomarkers, Immediate Medical Therapy and Definitive Therapy, ECG Pitfalls
- 2.Diabetic Ketoacidosis (DKA) And Hyperosmolar Hyperglycaemic State (HHS / HONK)- Key Management Principles and their rationale
- 3.Acute Stroke- Early Detection, Imaging Modalities, Immediate Medical Management, Referral Criteria and Indications for thrombolysis / Endovascular therapy
- 4.Burns- Estimating Severity, Fluid Management, Renal Protection and Immediate surgical indications
- 5.Peripartum Collapse- Common Causes, Step by Step Approach, Resuscitation Principles and Referral Criteria

ADDRESS YOUR QUERIES: PANEL DISCUSSION

LECTURES AND DEMO STATIONS

Upper GI bleed - interventions and gadgets use,

Pancreatitis - fluids, antibiotics, nutrition, imaging, ERCP and Surgery

Practical aspects of nutrition - Types of nutrition, when to initiate and routes ?

Practical aspects of nutrition - Feed Intolerance and trouble shooting

CRITICIMA

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This Programme has been organized by IMA AMS in association with
Royal care Super Speciality Hospital Ltd



Royal Care Super Speciality Hospital Ltd., 1/520, Neelambur, Sulur Taluk, Coimbatore-641062



IMA AMS TNSB WORKSHOP - CRITICIMA APPLICATION FORM

- Name (in Capital Letters) :
- Date of Birth & Age :
- Sex : Male / Female :
- Father's / Husband Name :
- Nationality :
- Address :
- Mobile No. : WhatsApp No.....
- E Mail id :
- Medical Council Registration Number & Year :
- IMA Local Branch :
- IMA Life Membership No. :
- IMA AMS Membership No. :
- Qualification :
- Workshop fee : Rs. 20,000/-

D.D. No/UPI TRANSACTION ID _____ Date _____ Bank _____

in favour of - **"Indian Medical Association AMS"** payable at **"Theni"**) In case of online Payment: Ac name: **Indian Medical Association AMS**, Ac No. **75260100001890**, Bank: **Bank of Baroda, Theni** branch, IFSC: **BARBOTHENIX** (FIFTH CHARACTER IS ZERO) and inform State office.

Date :

Signature

(Filled form send to: Dr.N.R.T.R. Thiagarajan, Hony. State Secretary-IMA TNSB, IMA Tamilnadu HQs. Building, Doctors Colony, Bharathi Nagar First Main road, Off: Mudichur Road, Tambaram West, Chennai-40 00.)