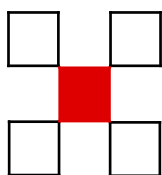


55	Jupiter Lifeline Hospital	<b>Thane</b>	Dr. Ravindra M Ghawat	<b>2</b>	<b>MR. B.D PATHAK</b>
			Dr. Dilip karnad		
			Dr Gauri Saroj		
56	Christian Medical College	<b>Vellore</b>	Dr.J.V.Peter	<b>3</b>	<b>Dr. Shoma V Rao</b>
			Dr.K.Subramani		
			Dr. Mathew Joseph		
			Dr Kishore Pichamuthu		
			Dr Shalini Nair		
			Dr Binila Chacko		

## Appendix : 3

### 3a. IFCCM Training & Assessment Record Form



**INDIAN COLLEGE OF CRITICAL CARE MEDICINE**

Indian Society of Critical Care Medicine

**Indian Fellowship Critical Care Medicine (IFCCM)**

**Training and Assessment Record**

## **PERSONAL PROFILE**

Full Name.....

Contact Address.....

.....

Telephone.....

Mobile.....

Email.....

Nationality.....

## **ACADEMIC & PROFESSIONAL QUALIFICATIONS**

### **BASIC MEDICAL REGISTRATION: (M.B.B.S.)**

Name of University / College	Date of Passing	Registration Authority	Registration number / ID

### **POSTGRADUATE QUALIFICATION:**

Name of University / College	Date of Passing	Registration Authority	Registration number / ID

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**IDCCM DETAILS:**

Name of Institute	Name of the Teacher	Date of Passing

**ADDITIONAL PROFESSIONAL DEGREES / DIPLOMAS:**

Qualification	Awarding Body	Date of Passing

**IFCCM TRAINING RECORD:**

ICU Type	Educational supervisor details	Start date	End date

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ICU Type	Educational supervisor details	Start date	End date

ICU Type	Educational supervisor details	Start date	End date

ICU Type	Educational supervisor details	Start date	End date



Topic	Date

PART II

Include Journal clubs, Departmental Seminars, Case presentation, Bedside Examination, **PRESENTED** during the course period

\* May add more pages if needed

Topic	Date	Comments of supervisor

Topic	Date	Comments of supervisor
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Conference Name	Date & Venue	Poster / Paper/ Lecture presented (If yes, please provide details)

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**PART IV**

**COURSES EXPECTED TO BE ATTENDED DURING THE COURSE:**

Description	Conducted By	Date	Venue
1. ACLS			
2. ATLS / ITLS			
3. Mechanical Ventilation			
4. Difficult Airway			
5. Hemodynamic Monitoring			
6. Comprehensive Critical Care Course (4C)			
7. Intensive Care Review Course			
8. Critical Care Infectious Diseases eCourse (CCIDC)			
9. Critical Care Ultrasound Course			

10. Others (Specify)			
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### Part V

#### AUDIT

Mention the title and a brief description of the audit conducted by the candidate during the course period. Also mention the interpretation of the audit on your clinical practice.

(Eg: Hand hygiene, Head of bed elevation, Nutritional target achieved, CRBSI rate, CAUTI rate, VAP incidence, Re-admission rate, Decubitus ulcer incidence, re-intubation rate)

Date	Description
------	-------------

### Part VI

#### RESEARCH

List the title and provide a brief description of the research carried out over the course period.

RESEARCH ABSTRACT:

Title:
--------

Abstract:





## **PUBLICATIONS**

List any journal and book publications below.

PUBLICATIONS:

Sl. No	Authors, Title and Publication Details


**CRITICAL CARE COMPETENCIES ASSESSMENT**



The purpose of this section is to assess the candidate for the critical care competencies in a time structured curriculum.

The trainer will be judging the trainee in three time frames:

**First 3 months of joining the course** – Basic competencies

**3 months to 9 months of training** - Advanced competencies (under supervision)

**9 months to 12 months of training** – Competencies where the candidate performs independently

Each competency has to be graded in an objective manner with the below mentioned grades

- 1 - Non competent, to be reviewed in 3 months
- 2 - Meets some requirement but to be reviewed in 4 weeks
- 3 - Meets requirement
- 4 - Meets more than requirement
- 5 - Excellent

**BASIC COMPETENCIES**

Competency	Grades	Review Grade
Can obtain relevant clinical history of the patient and perform structured clinical examination		
Can order relevant investigations in a timely manner		
Understands the indication of performing electrocardiography (ECG) and its interpretation (at least 50 correct interpretations required)		
Knows the technique of obtaining appropriate microbiological samples		
Interprets Chest X-rays appropriately (at least 100 correct interpretations required)		
Obtains and interprets at least 100 blood gas analysis		

Performs Rapid Sequence Intubation (RSI) (at least 20 RSI required)		
Administers induction agents required for intubation in appropriate dosages and as per the clinical condition of the patient (at least 20 administrations required)		
Identifies the difficult airway scenario and understands emergency airway management (at least 10 scenarios required)		
Administers various oxygen devices appropriately (at least 50 administration required)		
Identifies patients with acute respiratory distress and the need for respiratory support (at least 20 patients identified)		
Performs Non Invasive Ventilation initiation correctly (at least 25 applications required)		
Performs Cardiopulmonary Resuscitation as per the latest guidelines (at least 25 CPR performed)		
Identifies the indications for defibrillation and cardioversion (at least 15 correct judgements required)		
Understands the indications of Lumbar Puncture in Critical Care practice and performs it correctly (at least 10 Lumbar Punctures required)		
Recognises the convulsive state and manages timely (at least 5 correct drug administrations required)		
Identifies timely the indication and need for thrombolysis in an ischaemic stroke		
Understands the indications of fluid therapy (at least 50 correct administrations required)		
Understands the mechanism of action of various inotropic/vasopressor agents and initiates accordingly (at least 25 correct administration		

required)		
Performs arterial cannulation and setting up of transducer (at least 20 correct setup required)		
Performs central venous cannulation under ultrasound guidance at various sites (at least 25 insertion required)		
Identifies tension pneumothorax and performs needle thoracocentesis		
Identifies patients with or at risk of Gastrointestinal problems (at least 20 scenarios identified)		
Understands the indication of feeding tube insertion (at least 25 patients identified)		
Understands the need for emergency endoscopy for GI bleed (at least 10 patients identified)		
Has knowledge of correct dosing of various antibiotics with their dose adjustments (at least 50 correct prescriptions required)		
Assesses and provides initial management of the patients with Burns (To be filled only if relevant to the institution of practice)		

### **ADVANCED COMPETENCIES**

Competency	Grades	Review Grade
Can interpret the relationship of various investigations in relevance to the clinical condition of the patient		
Can perform Lung ultrasound examination of the patient (at least 100 correct interpretations required)		
Has performed at least 100 supervised transthoracic echocardiographic examinations relevant in critical		

care practice and correlate clinically		
Can perform FAST examination and DVT evaluation (at least 50 evaluations required)		
Performs difficult and emergency airway management (at least 10 scenarios required)		
Performs percutaneous tracheostomy under supervision (at least 25 tracheostomy required)		
Interprets arterial blood gas reports by both conventional and Stewart approach (Performs at least 50 analysis by Stewart approach)		
Understands the indication and the type of CT Scan and MRI and other Radiological interventions		
Has knowledge about the interpretation of Gram stain reports and its appropriate antibiotic selection (at least 100 correct interpretations required)		
Identifies the implications of Chronic and Co-Morbid diseases in Critically ill patients		
Performs the management of Trauma patients		
Understands the concept of various Blood product Transfusion in Trauma scenario		
Understands and performs the management of mass casualties (To be filled only if relevant to the institution of practice)		
Manages the patients with Neurological impairment and performs various relevant investigations including correct interpretation of CSF analysis (at least 10 scenarios managed)		
Manages the patients of Acute Respiratory Distress with various Ventilatory and Non-Ventilatory modalities (at least 50 scenarios with different modes of ventilation managed)		

Performs bronchoscopy and BAL under supervision (at least 10 required)		
Performs timely management of patients with Cardiogenic Shock (at least 10 scenarios managed)		
Understands the indications and the usage of various mechanical assist devices to support circulatory failure		
Identifies the indications for Extra-corporeal respiratory assist therapies		
Manages the patients at risk/of Renal Failure medically /with various Renal Replacement Therapies (at least 25 scenarios managed)		
Manages the patients with Acute Liver Failure and understands the indications for Liver Transplant/Liver assist therapies (at least 5 scenarios managed)		
Manages patients with Gastrointestinal failure like Intestinal obstruction, perforation peritonitis and abdominal sepsis		
Performs Sengstaken tube (or equivalent) placement		
Manages and plans the dose, route and supplemental nutritional support in Critically ill patients		
Recognises the Toxidromes and manages the patients with appropriate antidotes and supportive therapies (at least 10 scenarios managed)		
Manages Life Threatening Obstetric conditions (at least 10 scenarios managed)		
Prescribes the appropriate combination of various antibiotics/ antifungals as per the clinical condition or microbiological reports (at least 25 prescriptions required)		

Understands the pharmacokinetics and pharmacodynamics of antimicrobials and prescribes accordingly (at least 50 appropriate prescriptions required)		
Performs tube thoracentesis for various indications (at least 20 required)		
Correctly performs defibrillation and cardioversion for various arrhythmias (at least 25 correct scenarios required)		
Performs transthoracic/ transvenous cardiac pacing		
Identifies the indication for emergency pericardiocentesis		
Understands the concept of various advanced hemodynamic modalities (at least 10 applications required)		
Interprets the hemodynamic variables in conjunction with the condition of the patient (at least 25 scenarios managed)		
Performs abdominal paracentesis under ultrasound guidance (at least 10 required)		
Manages the postop high risk surgical cases (at least 20 cases managed)		
Manages the care of post of cardiac surgery patients		
Understands the management of post transplant patients		
Manages the patients with need for isolation chambers in the ICU (at least 10 neutropenic patients managed)		
Manages sedation and neuromuscular blockade in		

ventilated patients (at least 25 required)		
Identifies and attempts to minimize physical and psychosocial consequences of critical illness for patients and families		
Performs Brain-stem death testing		
Identifies the potential brain dead organ donor		
Undertakes the transport of critically ill mechanically ventilated patient (at least 25 transports required)		
Conducts the quality indicators of the ICU by various scoring systems (at least 200 patients screened)		
Actively participates in various academic activities of the department		
Liases with other specialities regarding the management of the patient		
Maintains accurate and legible documentation of patient records		

### **INDEPENDENT PERFORMING COMPETENCIES**

Competency	Grades	Review Grade
Adopts a structured clinical approach in recognition, assessment and stabilization of a critically ill patient		
Co-ordinates Cardiopulmonary Resuscitation as a team leader and guides Post CPR management		
Correctly interprets CT Scan of various Organs and takes appropriate actions (at least 20 interpretations)		

required)		
Outlines the management of Septic patients as per the Surviving Sepsis Campaign (at least 25 scenarios managed)		
Co-ordinates the management including medicolegal aspects of patients presenting with intoxication (at least 05 scenarios managed)		
Identifies and coordinates the management of complications after high risk cardiac cases (at least 05 cases managed)		
Identifies and coordinates the management of complications after high risk neuro-surgery cases (at least 05 cases managed)		
Identifies and manages the various post of complications in transplant patients (at least 05 scenarios identified)		
Initiates the End of Life issues and discusses it with the family (at least 10 discussions required)		
Manages the process of withholding and withdrawing life support in accordance with local hospital policy		
Co-ordinates the implementation of various infection control policies in the ICU		
Identifies and manages the ICU admission and discharge criteria		
Conducts the nurses bedside training		
Identifies and minimises the risk of critical incidents and adverse events		
Takes initiative in preparing/presenting abstracts in various conferences		
Communicates effectively with the patients and relatives and discusses the plan of action		



**Acute Diseases:-**

1. Acute Myocardial Infarction
2. Pulmonary Embolism
3. Cardiogenic Shock
4. Life Threatening Arrhythmias
5. Pericardial Tamponade
6. Acute Ischemic Stroke
7. Intracranial Hemorrhage
8. Status Epilepticus
9. Head & Spine Trauma
10. Acute neuromuscular failure (OPP / GBS / MG / Snakebite, etc)
11. Acute severe Asthma
12. Acute Exacerbation of COPD
13. Severe Community acquired pneumonia
14. Chest Trauma
15. Acute Hypoxemic Respiratory Failure including ARDS
16. Acute GI Bleed
17. Acute Liver Failure
18. Acute Pancreatitis
19. Acute Abdomen
20. Neutropenia
21. Acute coagulation disorders
22. Thrombocytopenia
23. Sepsis & Septicemic Shock
24. Meningitis
25. Acute Hemorrhagic Fevers
26. Severe Malaria
27. Acute Renal Failure
28. Eclampsia
29. Acute poisoning

\*This list is not exclusive and may be expanded to include relevant conditions.

**Appendix 3b and 3c : IDCCM & CTCCM Training & Assessment record form is in process of making.**