



Sir Ganga Ram Hospital
New Delhi- 110060, INDIA

Application for Critical Care Medicine Training



Sir Ganga Ram Hospital is a 650-bedded tertiary care teaching hospital in Delhi, India. The hospital conducts postgraduate & super-specialty training (Diplomate of National Board – DNB) in 24 specialties including Critical Care Medicine. Around 46 students enroll for this training every year. The hospital has 120 beds with critical care facilities. It has state of the art laboratory and imaging facilities and well-stocked library with online full text journal facility. All teaching activities are coordinated and supervised by the Academic department and all research topics are approved by the hospital's Ethics Committee.

CRITICAL CARE MEDICINE TRAINING **FELLOWSHIP/ SHORT TERM COURSES**



The Critical Care Medicine training program at Sir Ganga Ram Hospital is multidisciplinary clinical and research training program offered to doctors who have completed MD in Anaesthesia/ Pulmonology/ Internal Medicine. The Department of Critical Care Medicine inducts three Post Doctorate DNB Fellowship students (two years duration), four Post Doctorate IDCC students (Indian Diploma in Critical Care – 1 year/2 years recognized by Indian Society of Critical Care Medicine) and two IFCC students (Indian Fellowship in Critical Care – 1 year post-IDCC). The department also offers 6-months Basic Certificate Training Course in Critical Care & short-term Observership programmes.



The program is centered in a 40-bedded medical surgical ICU run by the Department of Critical Care Medicine. All fellowship trainees rotate to other related departments to have a first hand experience of the special aspects of critical care medicine. The Department of Critical Care Medicine has 11 teaching faculty having years of teaching and clinical experience. The other multidisciplinary faculty is also very experienced and is already involved in DNB training in their respective departments.

Clinical procedures performed by the Critical Care Services include:

<ul style="list-style-type: none"> • Airway management • Percutaneous tracheostomy • Ventilator support • Vascular access • Invasive hemodynamic monitoring • Temporary pacemaker insertion and maintenance • Pain relief • Nasojejunal tube placement 	<ul style="list-style-type: none"> • Bronchoscopy • MARS • PEG • Abdominal paracentesis • Thoracentesis • ICD tube placement • Nutritional planning • Haemodialysis • CRRT
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Didactic programs, including case discussions, seminars, journal clubs, audit, supplement clinical activities

Equipment available

Ventilators- Dräger Evita2 Dura, Evita4 and Savina, Siemens 300, BIPAP devices- Respironics STD 30 and BIPAP S, Sullivan VPAP II

Defibrillators- BPL, Wipro GE Cardioserve

Patient Monitors- Wipro GE Dash 4000, Wipro GE Solar 8000 M, Marquette 3000, Marquette 1000, L&T Stellar
Central monitoring stations- Wipro GE Sync Master

Pulse oximeters- Novamatrix, Simed, Nellcor Puritan Bennett 190, 195

Radiology equipment- X-ray machine-Siemens Multimobil, Transcranial Doppler-Multi Dop P,

Portable ultrasound- Siemens Sonoline SI 450

Infusion pumps- Terumo 523, Terumo 527, JMS SP 500, Top 5100

Enteral feeding pumps- Compact

Bronchoscope- Olympus BF 40 with camera reorder and projection facilities

Patient warming system- Snuggle warm SW 3000, Hot line fluid warmer

ABG and electrolyte analyzer- Chiron Diagnostics 850

Resuscitation & airway Teaching Learning Simulators- CPR trainer Resusci Anne, Laerdal

Intubation trainer, Central & peripheral Vascular access trainer- Laerdal IV Torso, Laerdal

Heartsim Interactive ACLS training system

Airway devices- Laryngoscopes, tube changers, LMA, Proseal, Fastrach, Combitube, Trachlight,

Cricothyroidotomy sets, Percutaneous tracheostomy sets.

MARS

CRRT

Hemodialysis machine

Application for Critical Care Medicine training

Print application form

Instructions to applicants:

- For 1-year Indian Diploma in Critical Care (IDCC), the applicant must hold MD in Anaesthesia/ Pulmonology/ Internal Medicine or MS/DNB. The course duration is 2-years for DA/DTCD or equivalent candidates. (Total 4 seats: – 2 seats each in January & June session)
- For 1-year Indian Fellowship in Critical Care (IDCC), the applicant should be IDCC qualified
- 6-months Basic Certificate Training Course in Critical Care is open to applicants holding MBBS degree with one year experience in ICU/ Casualty
- The short term Observership (1 to 3 months) is open to applicants holding MBBS/ Diploma/ MD with special interest in Critical Care Medicine.
- Under most circumstances, fellowship/ training courses begin in Jan-Feb. Observership dates are available on request.
- Please send application at least 6 months in advance. We have limited seats for these courses.
- Please attach additional sheets if required for CV.
- The completed application should be mailed at the address given below.
- Visit our website 'www.sgrh.com' for more information about hospital and Department of Critical Care Medicine

Training fee:

All applicants will be charged tuition fees. The total course fee for various courses is:

Short term Observership (1 to 3 months)	- Rs. 5000 per month
6-months Basic Certificate Training Course in Critical Care	- Rs. 12000

The total course fee has to be deposited at least three months in advance either in cash or by bank draft payable to Sir Ganga Ram Hospital, New Delhi.

Candidate will have to make his/her own arrangement for meals and accommodation. Write to us if any help is needed to arrange private accommodation near the hospital.

Training program required (✓ your choice)

- 1-year Indian Diploma in Critical Care (IDCC - recognised by Indian Society of Critical Care Medicine)
- 6-months Basic Certificate Training Course in Critical Care
- Short term Observership: 1 Month 2 Months 3 Months

For Post-doctoral DNB Fellowship and IDCC/ IFCC Course, curriculum as per guidelines of National Board of Examination and Indian Society of Critical Care Medicine is followed respectively.

6-month Critical Care Basic Certificate Course

1st Month

Lectures:

1. Initial evaluation of a patient in ICU
2. Cardiopulmonary Resuscitation
3. Airway management – difficult airway algorithm
4. Arrhythmia recognition

Procedures on mannequin/ observe on patients:

1. Cardiopulmonary Resuscitation
2. Airway management
3. Arrhythmia recognition
4. Central line placement
5. Arterial line placement

2nd Month

Lectures:

1. Haemodynamic monitoring
2. Definition and management of shock
3. Trauma management
4. Arterial blood gas
5. Mechanical ventilation – basics

Procedures to Observe/ Assist:

1. Intubation
2. Central line placement
3. Arterial line placement
4. Lumbar puncture
5. Percutaneous tracheostomy
6. Bronchoscopy

3rd Month

Lectures:

1. Mechanical ventilation – advanced
2. Fluid and electrolyte balance
3. Sepsis – definition, pathophysiology & management
4. Infection control

Procedures to assist:

1. Intubation
2. Central line placement
3. Arterial line placement
4. Lumbar puncture
5. Percutaneous tracheostomy
6. Bronchoscopy
7. Intercostal drain insertion
8. Dialysis catheterization
9. Intra and inter-hospital transport

4th Month

Lectures:

1. Empiric antibiotic therapy
2. Oliguria and acute renal failure
3. Thrombocytopenia & disseminated intravascular coagulopathy in ICU
4. Blood product transfusion in ICU

Procedures under supervision:

1. Intubation
2. Central line placement
3. Arterial line placement

5th Month

Lectures:

1. Analgesia and sedation in ICU
2. Nutrition in ICU patients
3. Management of traumatic brain injury
4. Management of Stroke

Procedures under supervision:

1. Intubation
2. Central line placement
3. Arterial line placement
4. Lumbar puncture

Procedures to assist:

1. Percutaneous tracheostomy
2. Bronchoscopy

6th Month

Lectures:

1. Management of acute coronary syndrome
2. Management of fulminant hepatic failure
3. Management of COPD and bronchial asthma in ICU
4. ARDS – pathophysiology and management

Procedures under supervision:

1. Intubation
2. Central line
3. Arterial line
4. Lumbar puncture

Procedures to assist:

1. Percutaneous tracheostomy
2. Bronchoscopy
3. Intercostal drain insertion
4. Dialysis catheterization
5. Intra and inter-hospital transport

Professional experience:

Detail your experience placing the most recent first. Include final or current disposition

From	To	Employer	Position

Publications/Presentations:

Membership, Honors and awards:

Name and address of two references-

1.

2.

Signature

Date

Mail/fax application form to-
Dr BK Rao
Chairman,
Department of Critical Care Medicine
Sir Ganga Ram Hospital, Rajinder Nagar, New Delhi-110060, INDIA
Telephone: 91-11-42252404 Fax: 91-11-42252409 E-mail: icuoffice@sgrh.com

For "DNB POST-DOCTORATE CRITICAL CARE FELLOWSHIP" write to:
Directorate, National Board of Examinations
(Ministry of Health & Family Welfare, Govt. of India)
NAMS Building, Ansari Nagar, Ring Road, New Delhi-110029
(www.natboard.edu.in)