

Information Booklet

Fellowship in Critical Care Pharmacotherapy (ECCP)





About Bhagwan Mahavir Medica Superspecialty Hospital

Bhagwan Mahavir Medica Superspecialty Hospital is a multispecialty Hospital managed by Medica Hospitals Pvt Ltd. The 300-bed BMMSH provides services in Cardiac Sciences, Neurosciences, Orthopaedics, Kidney Diseases, General Surgery, Obstetrics and Gynaecology, Critical Care, Emergency, Internal Medicine, General Surgery, and Physical Therapy and Rehabilitation.

Bhagwan Mahavir Medica Superspecialty Hospital brings you the finest ambience and services for inpatient and outpatient treatment, with special emphasis on quality care, reasonable price, management expertise and sophisticated medical devices.

Medica chain of hospitals started its journey with Medica North Bengal Clinic, a 150-bed multispecialty hospital in Siliguri. The 400-bed Medica Superspecialty Hospital in Kolkata, one of the largest and best equipped in eastern India, followed by Bhagwan Mahavir Medica Superspecialty Hospital in Ranchi. The healthcare chain also runs hospitals in Tinsukia, Siliguri, Kalinganagar, another hospital at Kolkata, a heart institute in Patna and a cancer hospital in Rangapani, Siliguri.

The Department of Critical Care at Medica Ranchi is one of the largest in eastern India, equipped with proposed 110 beds and all modern technologies, having specified ICUs for cardiothoracic surgery, trauma and orthopedics, neurology and neurosurgery, cardiology, renal transplant and nephrology, gastric surgery & gastroenterology and others.

BMMSH Vision, Mission and Core Values

Our Vision: Committed to bring the best in healthcare

Our Mission: We deliver excellent clinical outcome with superior patient care in a transparent manner within a safe environment



Fellowship in Critical Care Pharmacotherapy (FCCP)

- The purpose of the FCCP program is to equip the critical care pharmacotherapy specialist with advanced knowledge and experience to optimize patient outcomes by:
- Rapidly assessing clinical data and delivering direct patient care to the critically ill and injured patient who may require specialized pharmacologic or technological interventions to maintain blood pressure, respiration, nutrition, and other homeostatic functions, in addition to helping to manage the patient's primary condition.
- Reviewing, analyzing, and frequently reassessing multifaceted clinical and technological data to make reasoned decisions for patients with life-threatening conditions and complex medication regimens whose pharmacokinetic and the pharmacodynamics parameters differ substantially from the non-critically ill patient.
- Critical Care pharmacotherapy specialist plays an important role in the delivery of care for individuals who are critically ill and injured. As an integral part of the critical care team, critical care pharmacotherapy specialist represents a broad range of expertise and levels of practice, skills, and responsibilities.
- Critical Care pharmacotherapy specialist have the training and expertise that places them in an optimal position to provide evidence-based care to the patient, including initial treatment decisions and subsequent therapeutic management and supportive care.
- Critical Care pharmacotherapy specialists are involved not only in the development of clinical guidelines but also in other aspects of safe medication use and critical care practice.
- They typically work with other health care providers to ensure a current and accurate medication list, select the most appropriate therapy, monitor the effects of standard and investigational medications, identify and manage drug interactions, and manage adverse effects.

About the Fellowship Program

Duration: 2 years

Eligibility: Doctor of Pharmacy (PharmD) degree from a recognized university

Session: March

Intake: 2 seats per batch

Fellowship in Critical Care Pharmacotherapy is introduced for the first time in India by Medica Superspecialty Hospital with an intention to provide adequate Critical Care pharmacotherapy specialists to provide a safe and superior care to all critically ill patients.

It is a two years Post Graduate Super-Specialty Program in Critical Care for Pharm D graduates.

Rules and Regulations

Short title and Commencement:

The regulations and syllabi framed are subject to modifications from time to time by the authorities of the Medica Hospital and academics section.

1. Eligibility for the Program:

A candidate who has successfully completed PharmD degree with minimum aggregate marks of 60% (till 5th year) from any Pharmacy College/Institution/University approved by Pharmacy Council of India, New Delhi. Candidate must be registered in their respective state council.

2. Attendance:

- Each academic year shall consist of not less than 300 working days. Weekly 6 working days and not exceeding 8 working hours continuously per day.
- There shall be no condonation for lack of attendance in the fellowship program.
- Every fellow shall maintain a prescribed logbook and record of his/her participation in the program. The work diary/record shall be evaluated and certified by the clinical pharmacologist/clinical preceptor.
- A fellow is required to put 95% attendance in individual rotation in each FPY1 & FPY2 (i.e. 285 days each in FPY1 and FPY2). The candidate shall complete the prescribed clinical rotation “satisfactorily” to be eligible to progress for the next level of the program.
- Any fellow who fails to complete the clinical rotation assigned to him/her in the pattern stated above shall not be permitted to move to the next rotation until the minimum percentage or number of working days is achieved in the individual rotation.

3. Curriculum:

The detailed curriculum shall be framed by the Program Director, Program Coordinator and advisory board for the program.

The course of study for the program shall include the subjects as given in the tables below. The number of months of clinical rotations, devoted to each subjects for its teaching in theory, practical and tutorials.

FPY1 Curriculum (for 12 months):

<i>Clinical Rotation</i>	<i>Duration</i>
<i>Mandatory (10 months)</i>	
Internal Medicine	1 month
Cardiology	1 month
Pulmonary Medicine	1 month
Nephrology	1 month
Neurology	1 month
Infectious Disease	1 month
Gastroenterology & Hepatology	1 month
Gynecology & Obstetrics	1 month
Pediatrics	1 month
Emergency Medicine & Trauma Care	1 month
<i>Electives (2 months)</i>	
Anesthesia & Palliative Care (R)	1 month
Ambulatory Care Clinic	1 month
General Surgery (R)	1 month
CTVS	1 month

**(R) indicates recommended rotation(s)*

Note: Maximum two electives are permitted.

FPY2 Curriculum (for 12 months):

<i>Clinical Rotation</i>	<i>Duration</i>
Intensive Care Unit (ICU)	2 months
Medical Intensive Care Unit (MICU)	1 months
Cardiac Care Unit (CCU)	2 months
Progressive Care Unit (PCU)	1 month
Neuro Intensive Care Unit (Neuro-ICU)	2 months
High Dependency Unit (HDU)	2 month
Pediatric High Dependency Unit (PHDU)	1 months
Emergency & Trauma Care	1 months

4. Assessment & Examination:

Fellowship Program Year-1

End of every clinical rotation a MCQ test will be conducted; 2 clinical case presentations should be made in each clinical rotation.

Theory exams will be conducted at the end of 1st year on the following subjects:

- | | |
|--|-------|
| 1. Applied Anatomy, Physiology & Biochemistry | [100] |
| 2. Applied Therapeutics | [100] |
| 3. Clinical Pathology & Clinical Pharmacology | [100] |
| 4. Critical Care Therapeutics, Palliative Care & Pain Management | [100] |
| 5. Pharmaceutical Care & Management, Pharmacovigilance, Healthcare Quality | [100] |
| 6. Clinical Research Methodology & Biostatistics | [100] |

To pass each subjects candidate need to score 50% in individual subjects. To get promoted in the next fellowship year candidate needs to pass all the subjects.

Fellowship Program Year-2

End of every clinical rotation a MCQ test will be conducted; 4 clinical case presentation should be made for 2 months of clinical rotation and 2 clinical case presentations should be made for 1 month of clinical rotations, 1 journal club should happen in every month. Research work shall be carried out during the second year of the program and the thesis should be submitted at the end for the year for successful completion of the program.

**Selected candidate for student exchange program may pursue 1 month of the FPY2 at the international practice site.*

Assessment & Evaluation at the end of 2nd year:

- | | |
|------------------------------------|-------|
| 1. Research Work (Thesis defense). | [300] |
| 2. Case Presentation & Viva-voice. | [100] |

Thesis evaluation shall be made in presence of both internal and external evaluator.

Case Presentation & Viva-voice shall be made in presence of both internal and external evaluator.

After qualifying the assessment of 2nd year of the program, the candidate will be awarded with the fellowship degree.

5. Stipend:

Every fellow is entitled to receive a stipend of INR 12,000/- (Twelve Thousand Only) per month upon fulfilling minimum required working days.

6. Course Fee:

The candidates need to pay course fee of INR 1, 80,000/- (One Lakh Eighty Thousand Only) per year for both FPY1 and FPY2.

7. Selection of candidate:

The candidates for the fellowship program will be selected by Entrance Test followed by interview.

8. Leaves/Vacations:

Fellows will have fifteen paid leaves in a year that they will not be scheduled to work. No vacations (Winter/Summer) given to the fellows.

Recognized Holidays: The fellows are entitled to get all the government holidays and one day off in a week (either on Sunday or any other day as per the administrative convenience of the hospital).

HOW TO APPLY

Stepwise guide to application for FCCP Admission 2023:

1. Download the application form. Click here [Application Form for Fellowship in Critical Care Pharmacotherapy](#)
2. Follow the instruction given in the application form, and fill it completely.
3. Scan the filled application form with the other supportive documents.
4. Send all the documents in a single email To: academiccoordinator.bmmsh@medicasynergie.in
5. Confirmation email post submission of the Application Form will be sent to all applicants.

Application Deadline: Dec 1st 2022 to Jan 15th 2023.

For any query please mail to academiccoordinator.bmmsh@medicasynergie.in

Academics Office:

Bhagwan Mahavir Medica Superspecialty Hospital

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Regarding any further queries:

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Academics Department

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