

CERTIFICATE COURSE IN LIVER INTENSIVE CARE NURSING

The course is certified by
Dr. Rela Institute & Medical Centre



Dr. Rela Institute & Medical Centre (RIMC) is a Multi-speciality Quaternary Care Medical facility dedicated to fostering and responding to the needs of a diverse set of patients. The hospital is committed to being an internationally significant healthcare system with the state-of-the-art infrastructure facilities, functioning in a sprawling campus of 36 acres located in Chromepet, Chennai, India. With the facility of 450 beds inclusive of 130 critical care beds, 14 operating rooms, contemporary reference laboratories and radiology services, this centre is in close proximity of road, rail and air transport. The institute is designed to provide high expertise care in all specialities with special focus on care of critical illness and multi-organ transplantation. This hospital houses one of the world's largest dedicated liver intensive care units.

Liver Intensive Care Nursing is a highly specialized and demanding speciality, which requires integration of good clinical knowledge, evidenced based practices and technical skills. Our team has handled more than 1500+ liver transplants including 250+ paediatric liver transplantation in the last decade. Our centre has the unique provision of both cadaveric and living donor liver transplantation. Our Liver Intensive Care Unit has 36 beds providing most comprehensive service to the patients with state-of-the-art facilities.

This course will provide a comprehensive curriculum emphasizing care of patients with Acute liver disease, Advanced Liver Disease, Liver Transplantation, Post-transplant Care, and Hepato-biliary Malignancies. The main goal of the program is to prepare nurses to become experts in the field of Liver Intensive Care Nursing.

The objectives of the program is...

- To build capacity of nurses to work in Liver Intensive Care Unit with confidence
- To establish proficiency in handling critically ill patients with advanced liver diseases, acute liver failure and pre and post-liver transplant care

- To establish competencies in following the intensive care protocol towards managing pre- and post-transplant liver recipients

Certificate Course in Liver Intensive Care Nursing Covers

- Basic understanding of liver anatomy, physiology and pathophysiological changes in liver diseases
- Fundamental investigations and interpretation of liver diseases
- Overview of ICU management - Admission & Discharge criteria
- Hemodynamic monitoring, High Flow Nasal Oxygen Therapy, Arterial, Central and PICCO-lines, Pulseoximetry-SpO₂ and Capnography - EtCO₂
- Management of patients with Liver failure (Acute & Chronic), Pre-transplant optimization and post-transplant care
- Care of patients under Immuno-suppressive therapy
- Care of patients with ascitic and pleural drain
- Handling of Mechanical Ventilators; Pumps; multi-parameter, Cardiac output monitors; Renal replacement Therapy, Peritoneal dialysis, Hemo-dialysis (HD) and HD access sites, continuous renal replacement (CRRT) and ECMO machine
- Nutritional Support by assessing Nutrition Needs, Determining Nutrition Route, Enteral Nutrition: Delivery Devices, Enteral Tube Placement, Parenteral Nutrition (PN)
- Patients and Family Education: Patient Update, Ongoing Focused Assessments, Ongoing Reassessments, Anticipating Complication and Preventing strategies
- Special situations in Critical Care; Rapid response teams and transport of the critically ill patients
- Quality Assurance: Design of ICU / CCU, quality assurance models, standards, protocols, policies and procedures

Benefits of undergoing Training at RIMC

- Exposure to Quaternary Intensive Care Units with the state-of-the-art facilities
- Learning directly from the pioneers in the field of Critical Care
- Extended job opportunities soon after completion of the course

No. of Posts Available: 10 per batch

Starting Date : July 1st, 2021 - 1st Batch

Course Duration : 6 Months

Eligibility Criteria : GNM / BSc. (N) / MSc. (N)

(with minimum 1 year experience in Critical Care Unit)

Interested candidates please mail your CV to
email: nurse.educator@relainstitute.com
yayathee.s@relainstitute.com
Cell: +91 - 96772 32041 / 93846 81767

Sponsorship and stipend available for eligible candidates

ISCCM DIPLOMA IN CRITICAL CARE NURSING (IDCCN)

The course is certified by
Indian Society of Critical Care Medicine (ISCCM)



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Critical Care Nursing is a highly specialized and demanding speciality, which requires integration of good clinical knowledge, evidenced based practices and technical skills.

Our Intensive Care Units cater to all medical and surgical cases across various specialties like Internal Medicine, Pulmonology, Renal, Urology, Hepatology, Hepatobiliary Surgery, Neurology, Neuro Surgery, Cardiology and Cardiac Surgery. Our Multi-Organ Transplant unit caters predominately towards Liver Transplant, Kidney Transplant, Heart and Lung Transplant patients.

Our Intensive Care Units have all the modern facilities including Extracorporeal membrane oxygenator to provide exemplary care for all patients undergoing high risk surgical procedures. The intensive care unit's has state of the art facility with completely equipped beds for invasive hemodynamic monitoring and management. Our Intensive Care Unit also has an isolation suite to treat critically ill and infected patients.

The objectives of the program is...

- To build capacity of nurses to work in Intensive Care Units with confidence

- To establish proficiency in handling and supervise care of critically ill patients
- To establish competencies in following the intensive care protocol towards critically ill patients

Diploma in Critical Care Nursing (IDCCN) covers

- Appreciate trends and issues related to Critical Care Nursing
- Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients
- Describe the various drugs used in critical care by nurses - Responsibility in their administration
- Demonstrate advance skills / competence in managing critically ill patients including Advance Cardiac Life Support
- Demonstrate skill in handling various equipments used in ICU
- Provide comprehensive care to critically ill patients
- Appreciate team work and coordinate activities related to patient care
- Practice infection control measures
- Assess and manage pain
- Identify complications and take appropriate measures.
- Assist patients and their family to cope with emotional distress, grief and anxiety
- Assist in various diagnostic, therapeutic and surgical procedures
- Identify the sources of stress and manage burnout syndrome among health care providers
- Teach and supervise nurses and allied health workers
- Design a layout of ICU and develop standards for critical care nursing practice

Benefits of undergoing Training at RIMC

- Exposure to Quaternary Intensive Care Units with the state-of-the-art facilities
- Learning directly from the pioneers in the field of Critical Care
- Extended job opportunities soon after completion of the course

No. of Posts Available: 4

Starting Date : July 1st, 2021 - 1st Batch

Course Duration : 1 Year (Fresh batch every year)

Eligibility Criteria : GNM / BSc. (N) / MSc. (N)

(with minimum 1 year experience in Critical Care Unit)

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