DEPARTMENT OF INTERNAL MEDICINE

MEDICAL INTENSIVE CARE UNIT (MICU) ELECTIVE
Course Dir: Javed Iqbal, MD, MPH, FCCP
Duration: 4 Weeks

GOALS

The goals of the MICU elective is to provide medical students with a suitable background in critical care medicine and outpatient settings.

OBJECTIVES

Medical students are expected to learn:
• Critical care physiology.
• Principles of managing respiratory failure.
• Basic as well as advanced modes of mechanical ventilation.
• Principles of managing various shocks; septic, cardiac, neurogenic, etc.
• Acid-base disorders and its clinical application.
• Manage fluid and electrolyte abnormalities.
• Basics of nutrition supplementation in critical care units.
• Managing neurological disorders.

EXPERIENCE

The experience and knowledge gained during this elective should provide medical students with the background to perform an initial evaluation in the treatment of critically ill patients.

DIDACTICS EXPERIENCE

The student will participate in didactic sessions including grand rounds, journal clubs, and lectures.

EVALUATION METHODS

Clinical observation will be completed mainly by the course director.

HOW TO APPLY

If you are interested in applying, please call 516-572-5399 or visit us at www.numc.edu.