

Yale-New Haven Hospital

Critical Care Pharmacy Residency Program

Yale-New Haven Hospital (YNHH) is a 1541-bed academic medical center located in the heart of New Haven, Connecticut. With one of the largest residency programs in the country, we have 15 postgraduate year one (PGY1) and 10 postgraduate year two (PGY2) residents with specialty practice areas in critical care, psychiatry, transplantation, oncology, pediatrics, administration, and infectious disease. Our PGY1 residency program offers many rotational experiences, with required rotations in general medicine, intensive care, administration, ambulatory care clinic, pediatrics, drug information, and patient quality improvement. Elective opportunities include emergency medicine, solid organ transplantation, oncology, psychology, and informatics.

Our PGY2 critical care pharmacy program offers exclusive rotational experiences in our eight intensive care units (ICUs). By participating in diverse critical care learning experiences as a pharmacist completing the YNHH PGY2 critical care pharmacy residency program, you will gain the skills and attributes necessary to improve patient outcomes in the critically ill population, participate in the multidisciplinary provision of health care, provide evidence-based recommendations to guide the treatment of critically ill patients, and effectively manage your individual professional practice in critical care.

Our required PGY2 critical care rotations include 8 weeks in the medical ICU and 4 weeks each in emergency medicine, critical care nutrition, neuroscience ICU, surgical ICU, cardiothoracic ICU, and cardiac ICU. Elective rotations consist of solid organ transplantation, critical care anesthesia, critical care pharmacy administration, investigational drug service, clinical toxicology, infectious disease, pediatric ICU, burn ICU, and telemedicine ICU.

In addition to these experiences, the critical care resident will have the opportunity to participate as a rotating responder on the cardiac arrest team and serve on the hospital-wide resuscitation and rapid response committee. Pharmacists at YNHH play a unique role at cardiac arrest events, and we currently document all activities, ensure compliance with advanced cardiac life support (ACLS), provide pharmacotherapeutic support, and assist in the preparation of medications. All residents undergo ACLS training at the beginning of the year if not previously certified.

As a PGY2 resident, you will also play an important role in formulary management. You will be trained to respond to requests for restricted or non-formulary medications. Requests range from antibiotics to sedatives and analgesics and include both adult and pediatric patients. You will also serve as a specialized preceptor for the PGY1 residents, assessing difficult requests for ICU patients.

Finally, you will have many opportunities for scholarly growth. You will be required to give at least two formal case presentations as well as a 1-hour continuing education lecture on a topic of your choice. We have affiliations with Yale University Schools of Nursing and Medicine, where you may provide lectures to nursing and physician assistant students. We also serve as a practice site for ICU rotations in affiliation with schools of pharmacy at the University of Connecticut and University of St. Joseph. As a PGY2 critical care resident, you may serve as a preceptor during student ICU rotations. You will also be expected to complete a longitudinal research project that is to be submitted for a national critical care or pharmacy meeting the following year as well as submitted as a manuscript for consideration in a peer-reviewed journal.

We train residents to practice as ICU clinical specialists and be prepared to successfully earn board certification in critical care after completing the program. As a resident, you will gain experience in a

broad range of critical care settings, giving you the knowledge base to practice in a mixed critical care unit or a more specialized unit. Past graduates of the program practice in a variety of ICUs across the country, with positions in schools of pharmacy and at large academic medical centers.

More information about the residency program can be found at <https://www.ynhh.org/medical-professionals/gme/our-programs/pgy2-critical-care-pharmacy.aspx>.