



Post-Graduate Track: Pediatric Hematology/Oncology & Critical Care

The Comprehensive Hematology/Oncology & Critical Care Postgraduate Advanced Practice Provider (APP) Training Program is a one-year, post-graduate experience designed for nurse practitioners (*PNP-AC, PNP-PC, FNP*) and physician assistants at the nationally ranked Riley Hospital for Children at IU Health. The program will offer a comprehensive design with rotations in multiple areas of pediatric specialties.

The trainee will have the opportunity to build on their graduate academic training and to strengthen and develop skills in a variety of domains critical to advance practice. The clinical sites include both inpatient and outpatient experiences caring for a diverse and often complex patient population at Riley Hospital for Children. Based on individual interests, career goals and system needs, the APP trainee will focus on Hematology/Oncology or Critical Care areas as noted below.

IU School of Medicine is the largest medical school in the U.S. with many residents, fellows, and other learners. IU Health promotes inter-disciplinary collaboration, however, APPs will primarily train under APP supervision. The APP program will ensure that all trainees collaborate to promote respectful teamwork with clear expectations on roles, procedures, and scope of practice. This will help prepare APP trainees for their future work as a vital part of team-based care.

The program provides trainees with:

- A solid foundation to build their advanced practice career in the states only nationally ranked children's hospital in Indiana.
- Comprehensive experience including:
 - Clinical experiences in inpatient and outpatient Pediatric Specialty Care
 - Rotations through subspecialized clinics
 - Didactic Sessions
 - Mentorship
 - Simulation experiences focusing on clinical patient management
 - Case-based learning

Clinical Experiences – Hematology/Oncology

- General Oncology
- Leukemia/Lymphoma
- Solid Tumor
- Neuro Oncology
- Immunology
- Stem Cell Transplant
- Adolescent & Young Adult
- Fertility Preservation
- OR & Proceduralist
- Emergency Care
- Telehealth
- Clinical research and quality improvement

Clinical Experiences – Critical Care

- Ventilator management
- Transplant (including liver, kidney, bowel, and multivisceral)
- Chronic ventilator management and care coordination
- ICU care of the trauma patient
- Post-operative Surgical ICU care
- ECMO basis
- Critical Care procedures relevant to APP future practice needs
- Critical Care research and quality improvement

Training Objectives

1. Enhance knowledge of diagnosis, treatment and prevention of blood diseases and cancer
2. Participate within a broad multi-modality specialty comprised of several subspecialty teams
3. Collaborate with support services, and other students, residents/fellows, and trainees in interdisciplinary care
4. Evidenced-based management of complex and challenging patients
5. Strengthen physical assessment and critical thinking skills to provide high-quality, evidence based and cost-effective care