Chemotherapy and Biotherapy for Non-Cancer Pediatric Patients
A didactic course designed to provide nurses with the knowledge base needed to safely care for children and adolescents receiving chemotherapy and biotherapy agents for non-cancer diseases.
At the completion of this program the participant will be able to:

- establish education and practice standards for the administration of chemotherapy and biotherapy to children and adolescents;
- promote consistent practices in the administration of chemotherapy and biotherapy to pediatric and adolescent patients, and
- describe safe handling and administration of chemotherapy and biotherapy to non-cancer pediatric patients—identify chemotherapy and biotherapy agents that are used for specific non-cancer diagnosis and their potential side effects.
Chemotherapy and biotherapy administered to children and adolescents should be provided by registered nurses who have completed the Pediatric Chemotherapy and Biotherapy for Non-Cancer Pediatric Patients.
At the completion of this course the participant will be able to:

- describe the hematopoietic & immune response,
- discuss legal and ethical issues related to chemo/bio administration to non-cancer patients,
- identify principles of chemotherapy and biotherapy,
- outline steps required to safely administer chemotherapy agents to children and adolescents,
- describe safe-handling measures,
- recognize toxicities of common chemotherapy and biotherapy agents and nursing interventions to manage symptoms, and
- discuss specific disease processes and treatments that require chemotherapy/biotherapy as a medical intervention.
Safe and consistent administration of chemotherapy and biotherapy to children and adolescents requires specific knowledge and specialized skills.

- The Pediatric Chemotherapy and Biotherapy for Non-Cancer Pediatric Patients offers the specific knowledge required through a didactic course.
- A clinical practicum by the nurse’s employer is recommended to validate the clinical skills used in the administration of chemotherapy and biotherapy.
Following course attendance, participants will then follow institutional protocols for hands-on competency in administration of chemotherapy/biotherapy to the non-cancer patient for their clinical area.
Clinical Competence

- Clinical competency is assessed through orientation, observation, and supervision of administration of chemotherapy and biotherapy to patients.
Overview of Course

- Basic review of hematology/immunology
- Legal and ethical issues
- Principles of chemotherapy/biotherapy and administration issues
- Safe-handling issues
- Chemotherapy/biotherapy agents
- Disease-specific review
Questions