



CONTENT OUTLINE FOR PHARMACOLOGY PEDIATRIC UPDATES

PNCB offers these learning activities to increase knowledge and enhance clinical practice through a review of current literature and clinical resources related to pharmacology and medications used for the care of children and adolescents primarily in the outpatient settings. **Individual modules offer:**

- specific learning outcomes and objectives, range between 35 and 40 questions and are available for purchase for approximately 2 years.
- content derived from data obtained through annual needs assessment surveys and trending topics in contemporary health care literature.

Current Concepts in Pharmacology	Specialty Topics in Pharmacology	Psychopharmacology
<p>Modules with the title of “Current Concepts” provide a broad overview content related to pharmacologic topics and agents used in the pediatric primary care setting.</p> <p>Published annually, they are a collection of peer-review journal articles or textbooks. They reflect current, evidence-based information for APRNs who provide care to children of all ages in primary care or outpatient subspecialty care. Assessment questions help to gauge learning and are a component of earning continuing education (CE) credit.</p>	<p>Specialty modules provide a deeper review of one or two body system or specialty-based health concerns for children in the primary care or subspecialty care setting.</p> <p>Pharmacology Specialty Topic modules are published every two years, each time with a different focus.</p> <p>The content of these modules may address conditions seen among children and adolescents, with a primary care focus in the outpatient settings.</p>	<p>Modules with a title that includes “Psychopharmacology” focus on content related to psychopharmacology and its relation to behavioral mental health issues that affect children in the primary care setting.</p> <p>Peer-reviewed journal articles or textbooks are used, with accompanying assessment items to evaluate learning.</p> <p>Psychopharmacology modules alternate with Pharmacology Specialty Topics modules and are published every two years.</p>

Pharmacology modules may include, but are not limited to:

Prescriber role

- Medication selection
- Specification of dose and formulation
- Schedule and duration
- Legal and ethical considerations
- Contraindication and medication safety
- Cost

Education

- Education for child and family
- Sources of medication information
- Adverse events/risks

Monitoring

- Efficacy
- Adverse effects and interactions
- Labs, assessments
- History, physical, and patient variables
- Dependence/tolerance/abuse
- Reporting

Pharmacology

- Pharmacodynamics
- Pharmacokinetics
- Pharmacogenomics/genetics