



## 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 and availability of contemporary pediatric 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-reviewed journal articles, book chapters, or a textbook. 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 gauge learning and are a required component of earning continuing education (CE) credit.</p>	<p>Specialty modules provide a deeper review of one or two organ system(s) or specialty-based health concerns for children in primary or outpatient subspecialty care settings.</p> <p>Pharmacology Specialty Topic modules are published every two years, each time with a different focus.</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, book chapters, or a textbook 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
- Economic 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