



## Examination Specifications Pediatric Pharmacy Board of Pharmacy Specialties

<b>Name of Credential</b>	BPS Board-Certified Pediatric Pharmacy Specialist
<b>Certification-Issuing Body</b>	Board of Pharmacy Specialties
<b>Designation Awarded</b>	BCPPS
<b>Level of Proficiency</b>	Specialty Certification
<b>Target Population</b>	Pharmacists who ensure safe and effective drug use and optimal medication therapy outcomes in patients up to 18 years of age
<b>Program Purpose</b>	To validate that the pharmacist has the advanced knowledge and experience to optimize outcomes for pediatric patients by providing patient care, alternative dosage forms, and specialized drug therapy monitoring; advocating for and educating children and their families about medications; and promoting wellness, health, and advancement of pediatric pharmacy
<b>Eligibility Requirements</b>	<ul style="list-style-type: none"><li>• Graduation from a pharmacy program accredited by the Accreditation Council for Pharmacy Education (ACPE) or a program outside the United States that qualifies the individual to practice in the jurisdiction</li><li>• Current, active license or registration to practice pharmacy in the United States or another jurisdiction</li><li>• One of the following, within the past 7 years:<ul style="list-style-type: none"><li>○ At least 4 years of specialty area practice with at least 50% of time spent in the scope defined by the exam content outline</li><li>○ Completion of PGY1 pharmacy residency and at least 2 years of specialty area practice experience with at least 50% of time spent in the scope defined by the exam content outline</li><li>○ Completion of PGY2 residency in Pediatric Pharmacy</li></ul></li></ul> <p><i>Residency programs must be accredited by or deemed candidate status by the American Society of Health-System Pharmacists (ASHP) for PGY1, PGY2, and International Pharmacy Practice Residency Programs, or accredited by the Canadian Pharmacy Residency Board (CPRB) for year-1 programs.</i></p>
<b>ECO Creation Date</b>	December 2017

**This document serves as examination specifications and certification scheme according to the respective requirements of the NCCA 2021 and ISO-IEC 17024:2012 standards.**

**For more information about the BCPPS examination program, please refer to the BPS website and candidate's guide: [www.bpsweb.org/specialty-exams/candidates-guide/](http://www.bpsweb.org/specialty-exams/candidates-guide/).**

## Examination Content Outline

<b>1</b>	<b>Patient Management</b>
1.01	Collect patient-specific information on which to base safe and effective medication therapy
1.02	Analyze and interpret collected patient information
1.03	Identify and prioritize current or potential patient-specific medical, medication, and nutrition related problems. Establish therapeutic goals with healthcare team and patient/caregivers
1.04	Design, recommend, implement, and document age and developmentally appropriate cost-effective therapeutic regimen with healthcare team and patient/caregivers
1.05	Design and implement a plan to monitor the safety and efficacy of a therapeutic regimen, and adjust as necessary
1.06	Participate in the management of pediatric emergencies (e.g., NRP, PALS)
1.07	Reconcile medications as necessary across the continuum of care including on admission, transfer, discharge, and during outpatient encounters
1.08	Identify and manage barriers to successful transitions of care (e.g., social barriers, prior authorization, payment considerations)
1.09	Identify patients with needs beyond the scope of the pediatric pharmacy specialist and refer as appropriate (e.g., emergency department, urgent care, specialists)
1.10	Identify and refer patients with needs beyond the scope of the pediatric pharmacy specialist to an appropriate alternative level of care
<b>2</b>	<b>Practice Management and Medication Safety</b>
2.01	Develop and implement systems to ensure appropriate drug delivery throughout the medication use process
2.02	Collaborate in the selection, implementation, and maintenance of equipment/technology and decision support involved in the medication use process
2.03	Develop and maintain a preferred formulary and ensure appropriate pediatric dosing is incorporated in all formulary monographs
2.04	Adopt, adapt, or develop evidence-based practice guidelines and protocols for the management of pediatric patients in accordance with health system policies and procedures
2.05	Anticipate, prevent, review, and report medication use events (e.g., trigger review, root cause analysis, failure mode and effects analysis, MedWatch, VAERS) to assess need for system changes
2.06	Perform continuous quality improvement activities aimed at enhancing safety and cost-effectiveness of medication use
2.07	Document the clinical and financial impact of pediatric pharmacy services
2.08	Justify and document the clinical and financial value of pediatric pharmacy services
<b>3</b>	<b>Information Management, Research, and Education</b>
3.01	Educate healthcare professionals, trainees, and students concerning safe and effective use of medications and other issues related to the care of the pediatric patient
3.02	Provide medication counseling to patients/caregivers regarding the safe and effective use of medications, adverse effects, and the importance of adherence to the treatment regimen
3.03	Contribute to the pediatric body of knowledge (e.g., conduct or participate in research, deliver presentations, participate as a peer reviewer, publish)
3.04	Retrieve and interpret biomedical literature regarding study methodology, statistical analysis, study results, and applicability to pediatric pharmacy practice
3.05	Develop and maintain a pediatric-specific medical reference library
<b>4</b>	<b>Public Health and Patient Advocacy</b>
4.01	Advocate for public health initiatives to promote health, safety, and wellness

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| 4.02 | Advocate for the availability of age-appropriate formulations, safety and efficacy studies, and product labeling   |
| 4.03 | Educate the public regarding the importance of health, safety, and wellness (e.g., poison prevention, vaccination, safe and effective medication use, antimicrobial stewardship, substance abuse/misuse) |
| 4.04 | Advocate for pediatric pharmacy practice and advanced training through professional organizations  |
| 4.05 | Facilitate access to care and treatment in times of crisis (e.g., financial need, disaster, drug shortage, public health threat)   |

**The examination content outline is a product of a job analysis (aka role delineation study) that includes facilitation of discussions with a representative panel of 15-20 subject matter experts who identify competencies required for safe and effective pharmacy practice in this specialty area as well as a validation survey soliciting endorsement of the identified competencies from certified pharmacists in this specialty area. The job analysis process is conducted every 5 years to help ensure that the competencies in the examination content outline reflect current pharmacy practice in the specialty area.**

## Examination Administration and Scoring

<u>Number of Examination Items</u>		Certification Exam	Recertification Exam
1	Patient Management	100	57
2	Practice Management and Medication Safety	37	21
3	Information Management, Research, and Education	29	17
4	Public Health and Patient Advocacy	9	5
<b>TOTAL</b>		<b>175</b>	<b>100</b>

	Certification Exam	Recertification Exam
<b>Exam Administration Time</b>	4 hours 23 minutes	2 hours 30 minutes
<b>Minimum Score</b>	200	200
<b>Minimum Passing Score</b>	500	500
<b>Maximum Score</b>	800	800

The certification examination is split into two parts with an optional break (up to 30 minutes) in between. Part 1 consists of 100 items (2 hours 30 minutes) and Part 2 consists of 75 items (1 hour 53 minutes).

## Maintenance of Certification

<b>Recertification Requirements</b>	<p>Pharmacists who earn the BCPPS designation will be required to maintain their certification over a 7-year period by completing one of the following recertification pathways:</p> <ul style="list-style-type: none"> <li>• Achieving a passing score on the BCPPS recertification examination in their seventh year following initial certification</li> <li>• Earning 100 hours of BPS-approved continuing pharmacy education (CPE) credit provided by the professional development programs offered by the American College of Clinical Pharmacy (ACCP) and/or the American Society of Health-System Pharmacists (ASHP) and/or the Pediatric Pharmacy Association (PPA).</li> </ul> <p><i>The Pediatric Pharmacy Preparatory Review and Recertification Course offered by either of the approved providers may only be completed for recertification credit up to two times, in nonconsecutive years, during the 7-year recertification cycle.</i></p>
<b>Ethics and Professionalism</b>	<p>The Board of Pharmacy Specialties ascribes to the belief that certification carries an obligation for ethical behavior and professionalism necessary in all conduct. Candidates or certificants who are found to have exhibited unethical behavior or lack of professionalism may be prevented from pursuing certification or may be subject to suspension or withdrawal of certification, at the discretion of the Board of Pharmacy Specialties.</p> <p>Please refer to the BPS Ethics and Professionalism Policy:  <a href="https://www.bpsweb.org/wp-content/uploads/2015/11/ethics.pdf">https://www.bpsweb.org/wp-content/uploads/2015/11/ethics.pdf</a></p>