



Product Preparation PLAR Challenge Exam

Sterile Product Preparation – Verification of Competency

The Prior Learning Assessment and Recognition (PLAR) challenge process for Product Preparation includes a requirement to demonstrate practical as well as theoretical competency. PLAR candidates are required to find a pharmacist assessor who will attest to their competency in extemporaneous compounding and sterile product preparation, using checklists especially prepared for this purpose.

Student Name: _____

CPBC Registration ID: _____

UBC-CPPD Student ID (if applicable): _____

Assignment: Candidates must demonstrate safe and accurate preparation of a sterile parenteral admixture in a Laminar Air Flow Hood (LAFH) with emphasis on aseptic technique and meeting the standards established by the Canadian Society of Hospital Pharmacists (CSHP), USP Chapter 797 and Good Manufacturing Practice (GMP). **Note: Demonstration of each evaluation criteria is mandatory.**

Evaluation Criteria	Competency Demonstrated	Competency Not Demonstrated
Set-Up		
Selected appropriate ingredients		
Selected appropriate equipment		
Accurately calculated quantities		
Prepared labels prior to entering the LAFH		
Positioned supplies appropriately in the hood		
Operator Preparation		
Demonstrated appropriate hand washing technique		
Selected and put on appropriate personal protective equipment (gloves, gown, mask, head cover, etc.)		
Performed appropriate disinfection procedures – e.g. gloves, puncture sites		
Aseptic Technique		
Performed procedures 6 inches within the LAFH and 3 inches above the work surface		
Ensured critical sites were in direct airflow		
Demonstrated appropriate needle safety techniques		
Placed needle caps on alcohol swabs during manipulations		
Re-sprayed or wiped gloves when re-entering the hood (after leaving to retrieve additional supplies)		
Wiped spills immediately with either an alcohol swab or with a gauze soaked with 70% alcohol		
Specific Procedure to be demonstrated		
Withdrawal from a Multi-Use Vial: Demonstrated appropriate technique		
Withdrawal of a Solution from an Ampoule: Demonstrated appropriate technique		

Product Preparation PLAR Challenge

Injection of a Solution into an I.V. bag: Demonstrated appropriate technique		
Reconstitution of a Powder: Demonstrated appropriate use of technique with a non-vented vial Demonstrated appropriate use of technique with a vented needle		
Final Steps		
Inspected the finished product before performing the verification		
Followed protocols for labeling and sealing product		
Verified appropriateness of product to prescription		
Completed required documentation		
Cleaned preparation area and equipment appropriately		
Removed and discarded personal protective equipment appropriately		

Pharmacist Assessment:

I declare that I have:

- reviewed the competencies on the checklists and ensured that I have adequate knowledge and understanding of the processes to enable me to assess the competence of the technician; and
- observed the technician performing **each of the evaluation criteria** for the sterile product preparation and have accurately recorded my observations on this checklist.

Name: _____
Please Print
Signature

CPBC Registration ID: _____ Date: _____

Name/Address of pharmacy/lab where assessment was completed:
