



First Year (P1) IPPE Training Goals and Objectives

Goal #1: Identify the scope of pharmacy services provided

Description: One of the primary goals of the first year IPPE site visits is for the student to gain exposure to a variety of practice settings and to begin the process of professional orientation to attitudes, values and behaviors expected in pharmacy practice.

Objective(s)

1. The student will complete a site profile questionnaire with guidance from the preceptor or the preceptor's designee which describes the nature of pharmacy practice at the site and services provided. This activity should not exceed a total of 60 minutes of on-site time.

Goal #2: Identify pharmaceuticals commonly utilized/dispensed at the site

Description: This activity is designed to reinforce the students' knowledge of the most commonly prescribed drugs they've been learning in the classroom. The student should be able to identify the pharmaceutical products frequently utilized at the site, with the ultimate ability to compare this to other pharmacy practice environments.

Objective(s)

1. The student will identify the top ten utilized pharmaceuticals (by volume, cost or both) in stock at this site. The student will determine which of these products are in common with the most widely prescribed drug list assigned in the classroom.
2. The student will observe, assist or perform the task of correctly placing medications into appropriate storage locations.

Goal #3: Describe the pharmaceutical packaging needs and requirements at the site, and how the product is prepared for dispensing.

Description: This goal is intended to expose the student to the many facets of pharmaceutical packaging (manufacturer and repackaging) including labeling, expiration dating, storage conditions, lot numbering, handling, container selection, stability vs. sterility, etc. This goal is also intended to allow the student to participate in as much pharmaceutical compounding (i.e. suspensions, creams, mouthwashes, sterile IV preparation, ophthalmic, etc.) as appropriate for the specific practice site.

Objective(s)

The student is to perform as many of the following activities as possible and appropriate for the practice site:

1. Inventory the pharmaceuticals for expiration status, and remove/identify expired or soon-to-expire products according to the direction of the preceptor. This activity should not exceed a total of 2 hours of on-site time.
2. Confirm that the storage conditions are appropriate for ten pharmaceutical products representing 10 different dosage forms.

3. Identify and review the presence of bar-coding on drug packaging (manufacturer and/or repackaged) and all uses for this bar-coding at the practice site.
4. Participate in the repackaging of drug products (including calculations and documentation) as typically performed at the site and at the discretion of the preceptor.
5. Document the expiration dating policy for repackaged items at the site.
6. Participate in the compounding of pharmaceuticals in preparation for dispensing.

Goal #4: Assess the availability of various dosage forms and their purpose

Description: This goal is in keeping with the curriculum P1 theme “Dosage Forms.” Through an understanding of the many available drug product dosage forms, students will ultimately be able to associate these dosage forms with indication and therapeutic goals. Types of activities may include: measuring/selecting the correct dose/volume, evaluating benefits of different dosage forms of the same pharmaceutical, compounding of alternative dosage forms (i.e., suspensions, solutions), etc.

Objective(s)

1. Identify the pharmaceutical product at the site which is available in the greatest number of available dosage forms. Review each dosage form and suggest under which circumstances it would be the preferred therapeutic choice.

Goal #5: Observe and participate in the pharmaceutical distribution process of the site

Description: The purpose of this goal is to provide the student with an understanding of the various dispensing/distribution methods (i.e., automation, centralized, decentralized, automated dispensing devices, etc.) and their purpose. These include the processes used within the pharmacy for preparation of the dispensable product and design of the end-product itself (e.g., prescription vial, multiple day blister packaging, unit-dose, etc.)

Objective(s)

1. Observe and participate (at preceptor discretion) in the preparation of pharmaceuticals for dispensing (e.g., selecting and counting tablets, filling of automated/robotic devices, filling of automated dispensing cabinets, etc.)
2. Observe and participate in the selection, preparation and/or organization of drug products for verification/checking by a pharmacist.

Goal #6: Participate in pharmaceutical inventory management of the site

Description: The purpose of this goal is to provide the student with an understanding of the process of procurement of pharmaceuticals. This is to include: source, ordering (method and frequency), receiving, invoicing, returns, handling of expired products, recalls, etc.

Objective(s)

1. Observe and participate in the medication ordering process utilized at the site.
2. Observe and participate in the order receipt and stocking process utilized at the site.