

PHP 591- Advanced Outpatient Practice Experience (Community)

Course Information

Course Title:	Advanced Community Practice Experience (Community)
Course Number	PHP 591
Course Discipline:	Pharmacy
Course description:	This 5 week experience is designed to integrate current pharmacy practice with innovative patient-oriented services in a community pharmacy setting. Current patient-oriented services include hypertension management, diabetes education, and geriatric medication management. Future services to be developed include osteoporosis awareness, smoking cessation, and asthma management. Community pharmacy settings include independent as well as chain pharmacies. Other site-specific activities included in the rotation are diabetes support groups, medication management services, and Diabetes Foundation work. Students are expected to interact with patients and other healthcare providers and complete individualized pharmaceutical care plans documenting and resulting interventions. Students will also have the opportunity to attend community health screenings and “brown-bag” programs. Students will also complete a variety of drug-information and writing assignments to be used by their specific practice sites.
Meeting day(s):	Monday-Friday
Meeting time(s):	8:00 am – 5:00 pm (may be variable depending on your site)
Prerequisites:	Successful completion of all professional didactic course work and sixth year Doctor of Pharmacy program standing

Instructor information

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Textbooks:

Required reading *Drug Information Handbook* for the current year, Lexi-Comp clinical reference is one that is recommended either loaded on to a PDA or as a book reference.

Berardi RR, DeSimone EM, et al. Handbook of Non-prescription Drugs: An Interactive Approach to Self-Care, 13th edition. American Pharmaceutical Association, 2002.

Course Goals

The Advanced Community Practice Experience is designed to allow Doctor of Pharmacy students to meet the following course goals:

- To acquire the necessary clinical pharmacy skills to effectively counsel patients receiving prescription and non-prescription drug products from community pharmacies, and
- To integrate the necessary distributive pharmacy skills with clinical skills to deliver pharmaceutical care in a timely fashion, and
- To identify, intervene, and resolve potential or actual drug and/or nonpharmacologic therapeutic problems encountered in patients in a community pharmacy.
- To communicate with health professionals, patients, and caregivers regarding rational drug therapy, wellness, and health promotion.

Course Objectives:

The Advanced Community Practice Experience will enable the Doctor of Pharmacy student the ability to:

1. Build upon prescription processing skills, acquired earlier in the experiential curriculum, to deliver pharmaceutical care in conjunction with pharmacy workflow.
2. Review computerized patient profiles present in community pharmacies for drug-related problems such as contraindications, duplications, interactions, abuse or misuse, and adherence.
3. Gather and review subjective patient specific data, in addition to patient profiles if available, such as patient demographic information, chief complaint, history of present illness, past medical history, family history, social history, occupational history, and review of systems by patient/caregiver interview.
4. Gather and review current and past medication history, including prescription, nonprescription, and herbal or complimentary medications along with drug allergies or intolerances by profile review and patient/caregiver interview.
5. Generate physical assessment data by performing assessment techniques, where appropriate and allowable, such as blood pressure and pulse measurement, diabetic foot exam, skin exam or requesting such information from the patient's healthcare providers.
6. Gather and review laboratory or other diagnostic tests, where appropriate and allowable, that will effect therapeutic decision making.
7. Assess, design, implement, monitor, evaluate, and recommend modifications in drug and non-drug therapy to insure effective, safe, and economical patient care.
8. Triage patients to other health professionals as appropriate.
9. Monitor and counsel patients regarding the indications, uses, and potential side effects of their medications and related therapy.
10. Recommend, counsel, and monitor patient use of nonprescription and herbal medications, vitamins, and minerals.
11. Retrieve, evaluate, and disseminate drug information to inquirers, both professionals and consumers, appropriate to target audience.
12. Document pharmaceutical care outcomes using community pharmacy consultation forms.
13. Plan, design, and implement a community pharmacy outreach activity for health and wellness promotion to patients.

Policies

- We will meet about two times a week either as a large group or small group with individual faculty preceptors. Be prepared to discuss your site experiences and bring all consultation forms and other documented activities to these sessions. You will be graded upon your preparation and participation in-group discussions.
- In addition, activities have been scheduled that may require you to leave the primary site. When not at these activities, students are expected to be at their primary site. You may go to the library or other places for research at the discretion of the site preceptor.
- We have prepared a calendar outlining your activities for the rotation. Your preceptors have been provided with a copy of this schedule as well. You must keep your preceptor aware of any changes that may occur.
- You are expected to interact with patients and other healthcare professionals in a professional manner. Any non-professional behavior could lead to a failure for the experience.
- Report all activities, cases, and potential interventions and drug information responses to your preceptors. It is your responsibility to keep him or her informed. Also, several assignments require the verification of your preceptor or another pharmacist at the site.
- You must be prompt to all activities. Tardiness will not be tolerated.
- Projects and assignments are to be done on your own time. With your preceptor's approval, you may work on them during clerkship hours. However, during this time, your first priority is to be available to your site, not to work on projects.
- Be independent and assertive. Time moves quickly and our preceptors, though genuinely interested in your progress and experiences, are very busy. This will not be a "hand-holding" experience. You have to "dig" for interventions and involvement, but they are there.

Required Assignments

Written project

You will be required to write one paper that will constitute a percentage of your final grade. Each paper will be a 3-5 page paper on a topic related to community pharmacy including herbal and alternative medicine, "hot OTC topics" such as Rx-OTC switches, or other community pharmacy issues, such as technology, medication errors, or narcotic diversion. You may also choose to write one paper on a new drug. You may choose your own topic, after the approval of your faculty preceptor. Please research your paper thoroughly, as primary resources can be very difficult to find when dealing with herbal remedies and community pharmacy issues. Papers should be typed with 12-point font and double-spaced. Please document your references according to the format listed in the clerkship manual and include copies of your articles/citations when turning in your paper. We will return references to you after grading at your request.

OTC Worksheet

Each student will be assigned a therapeutic area per week regarding over-the-counter or herbal products. The student is required to complete the worksheet and have it signed by the site preceptor. This activity should only be done at your site, so you can have full access to the products in the pharmacy. The worksheets will then be discussed with your faculty preceptor each week during group meetings.

Consultation/Drug
Info Request Form

You will be expected to document your patient/provider interactions utilizing the SOAP format. Students will be expected to document at least 10 patient or provider interactions per week on the Consultation form, the drug information form, or the OTC encounter form. This is a **minimum** requirement. Remember that these forms are considered a log of your activities and represent your work while you are at your site. We encourage students to document as many interventions/consultations as possible. They will be collected periodically throughout the practice experience and assessed, however, bring them to every group session completed and ready for discussion. Consultations may include a variety of things:

1. OTC/herbal patient or health care provider counseling or drug info
2. Counseling on devices such as glucometers, MDI's, etc
3. Drug-drug, interactions, drug-disease interactions, dosage changes, inappropriate drug choices. Document if your recommendations was accepted by the MD or not.
4. Drug regimen reviews solicited by patients and/or other health care providers

Formal Case
Presentation

Each student will be assigned a topic to present on for a final case presentation. You will be required to develop a power point presentation that approximately 20 minutes. An example will be provided for you.

Site Project

Each may be assigned a project for your specific site at some time during your community experience. This can be a presentation to a senior center, a nursing home, or another facility in the area. You can also develop a program for other health care professionals (e.g. technicians). A dosing sheet, disease state update, or other information sheet for your preceptor can also be done. Be creative and please ask your site preceptor for ideas.

Friday
Discussions

You will be expected to attend and participate in disease states seen frequently in community/ambulatory practice within a group setting. You will be assigned to bring a "hot topic" or current event in pharmacy and give brief 10-15 minute overview. You will also be required to present an interesting topic or case you had encountered that week. Also within our Friday discussions, we will review Top 100 drugs and counseling points, along with self care scenarios.

Journal Club

You will be provided 1 article for in-depth analysis. You will be expected hand in the journal checklist of the article and participate in the discussion.