

The Learning and Practice Portfolio

First Name:

Sample

Last Name:

LPP Segment #2

Diploma:

1000

Desired Practice Outcome #

1

PART 1: REVIEW YOUR SELF-ASSESSMENT FORM



PART 2: CREATE AND IMPLEMENT A PROFESSIONAL DEVELOPMENT PLAN

Part 2A: Define Desired Practice Outcome Below:

In my practice at XXHospital, a significant part of my day involves managing anticoagulation patients. The internists here believe that a centralized anticoagulation service managed by the hospital pharmacy will provide the best care for these patients. Numerous studies also prove this theory. Our staff manages the anticoagulation of between 10 to 20 patients on a daily basis both as inpatients and outpatients. These patients are managed until stable and then are referred back to their general physician due to department staffing restraints.

Until now my instruction in the management of anticoagulation has largely been learned under the guidance of our department head, a Pharm.D who is trained in this field. I firmly believe that warfarin dosing is more an art than a science and my 3 years of experience has taught me a great deal. However, I would feel more confident in this practice area with a formal anticoagulation training program. To this end I am enrolled in a training and certification course in early November 2004. A more thorough understanding of anticoagulation theory and patient assessment will allow me to better treat my patients and provide a smoother and faster journey to therapeutic INR. They will spend fewer days outside targets and will be better educated about the management of their anticoagulation. With training in thromboembolic and hemorrhagic risk as well as numerous other aspects of case assessment I feel my patients will be given the best care I can deliver.

The impact of these expanded skills will also be felt within our department as I will be able to better structure counseling sessions, educate other staff in new advances, and offer advice on case management.

Part 2B: This Desired Practice Outcome is most relevant to the following Role(s) and Function(s) in the Framework of Professional Practice

Role(s)	Function(s)						
<input checked="" type="radio"/> 1	<input checked="" type="radio"/> A	<input checked="" type="radio"/> B	<input checked="" type="radio"/> C	<input checked="" type="radio"/> D	<input checked="" type="radio"/> E		
<input checked="" type="radio"/> 2	<input checked="" type="radio"/> A	<input checked="" type="radio"/> B	<input checked="" type="radio"/> C	<input checked="" type="radio"/> D			
<input type="radio"/> 3	<input type="radio"/> A	<input type="radio"/> B	<input type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E		
<input checked="" type="radio"/> 4	<input type="radio"/> A	<input checked="" type="radio"/> B					
<input checked="" type="radio"/> 5	<input checked="" type="radio"/> A	<input checked="" type="radio"/> B	<input checked="" type="radio"/> C	<input type="radio"/> D	<input type="radio"/> E		

This DPO primarily relates to the following FPP Role: 1

Part 2C: List the Professional Development Strategy(ies) you plan to use to achieve this Desired Practice Outcome.

Live programs
 Read related books/articles
 Work/consult with others
 Give a presentation

Part 3: EVALUATE AND DOCUMENT YOUR LEARNING AND PRACTICE ACHIEVEMENTS

Part 3A: Fill in the Professional Development Strategy(ies) you used, the specific activities you completed, and when you completed them.

Professional Development Strategy(ies) - Accredited continuing educational courses, and programs:

Accredited continuing educational courses:	Specific Activities:	Date Completed: (mmm/yy)
<input checked="" type="radio"/> Live programs	Anticoagulation Certification Course	NOV 04
<input type="radio"/> Home study print-based programs		
<input type="radio"/> Videotapes, audio cassettes		
<input type="radio"/> Computer based CE programs		
<input type="radio"/> Interactive multimedia CD-ROM		
<input type="radio"/> On-line distance education		
<input type="radio"/> Other		

Professional Development Strategy(ies) - Other continuing professional development activities:

Other continuing professional development activities:	Specific Activities:	Date Completed: (mmm/yy)
<input checked="" type="radio"/> Read related books, journals, articles, newsletters	1. Ansell JE, Buttaro ML et al. Consensus guidelines for coordinated outpatient oral anticoagulation therapy management. Ann Pharmacotherapy. 1997;31:604-15. 2. Hirsh J et al. American Heart Association/American College of Cardiology Foundation Guide to Warfarin Therapy. Circulation. 2003; 107:1692-1711. 3. Ansell JE, Ortel LB & Wittowsky AK. Managing Oral Anticoagulation Therapy: Clinical & Operational Guidelines. Gaithersburg, MD: Aspen Publishers Inc. 2001. 4. Leong WA. Outpatient DVT Treatment. Hosp Pharm Practice 1998;6(2):1,24-31. 5. The Seventh ACCP Conference on Antithrombotic and Thrombolytic Therapy. Chest 2004;126(3)Suppl;163S-696S - Summary of Recommendations.	NOV 04
<input type="radio"/> Perform a literature search to gather information on a related topic		
<input type="radio"/> Participate in a peer study group, journal club or mentorship program		
<input checked="" type="radio"/> Participate in a related on-line discussion group	Certified anticoag. Pharmacists routinely participate in email forums	
<input type="radio"/> Work with others in your practice to solve a related problem		
<input type="radio"/> Participate in relevant hospital rounds		
<input checked="" type="radio"/> Consult with others outside your practice	work with dentist to treat patient using tranexamic acid	NOV 04
<input checked="" type="radio"/> Give a presentation to colleagues on a relevant topic	90 min PowerPoint presentation for RN's and LPN's	JAN 05
<input type="radio"/> Contribute to a relevant research project		
<input type="radio"/> Write a paper based on research or observations about a relevant aspect of your practice		
<input checked="" type="radio"/> Other	www.clotcare.org www.theheart.org	

B. Evaluate achievement of your Desired Practice Outcome

Did you achieve this Desired Practice Outcome? _____ Yes No

Through a very extensive training and certification in the management of anticoagulation I have greatly increased my knowledge and skills in this practice area - See the specific knowledge areas covered in this certification workshop (Documentation #1). This training has made me part of a small group of Canadian pharmacists that have the skills to effectively manage all aspects of anticoagulation.

As a result of the recent training, I offered to provide an interactive presentation on the basics of clotting disorders and antithrombotic treatments to the staff of one the LTC facilities our hospital pharmacy provides service to. The PowerPoint presentation was well received by the nursing staff of this 100 bed facility and the team leader expressed her appreciation in the attached letter (Documentation #2). A copy of my slide presentation is also attached (Documentation #3)

Another aspect of my training involved the management of "Bridge Therapy" patients. These are patients managed on oral warfarin who require low molecular weight heparin (LMWH) therapy both pre and post surgery. One of the patient populations I wanted to focus on were the patients undergoing dental extraction. Many of these patients were being taken off their warfarin and treated with LMWH for extended intervals. After reviewing the Chest Guidelines Summary of Recommendations I spoke with a dentist in our community who was willing to implement the use of tranexamic acid mouth rinse and maintain his patient on warfarin therapy (Documentation #4). This saved time and money for all involved and most importantly was very easy for the patient. I will suggest the use of this practice in future dental extraction patients.

To make the process of a new referral to our anticoagulation service more streamlined I have put together patient folders that include all the necessary documents for a pharmacist to complete an initial counseling session. This includes patient history forms, dosing monograms, lab requisitions, home care referral forms, and patient teaching aids. The patients are less intimidated and overwhelmed when these sessions run smoothly and all the required paperwork is at our fingertips. For those patients undergoing surgical procedures I have created an easy to follow form that describes the timeline of events during the bridging process (Documentation #5). Patients appreciate the calendar and feel it simplifies this confusing procedure. I have shown the recommendations/interventions made for six patients on anticoagulation therapy based on the Bridge therapy flow sheet (Documentation #6).

As a means of furthering my skills in this area:

I plan to participate in XX Health Authority Anticoagulation Management Team that will work on standardization of protocols throughout the region. Some of the initial proposals brought forward have been regional standards in the areas of VTE prophylaxis and warfarin reversal.

I plan to do a chart review next fall and determine if the patient group from 2005 achieves therapeutic INR faster than the patient group of 2004. A budget savings for the department should be recognized, as patients will receive fewer doses of LMWH.

I plan to continue to learn from my fellow certified anticoagulation pharmacists as part of an email network where new information is shared and where difficult or interesting cases can be discussed amongst the group.

At XXHospital I have the responsibility to oversee pharmacy services to two smaller facilities that do not have an on site pharmacy. I plan to deliver my PowerPoint presentation to the nursing staff and physicians at the two facilities as both facilities are always looking for educational opportunities from the pharmacy department.

C. Provide documentation or evidence that supports or verifies your learning and practice achievements and use the lists below to indicate what you have provided

DIRECT EVIDENCE- Documentation produced as a direct result of your work

VERIFICATION EVIDENCE (Indirect) - Documentation about your work, what others say about you or your work

- Work samples, e.g. copies of chart notes, records, patient interventions etc. [Documentation #: 4, 6]
- Notes from a clinic you facilitated [Documentation #: 0]
- Copy of a recent presentation that you gave [Documentation #: 3]
- Orientation notes for new staff or interns [Documentation #: 0]
- Policy or procedure manual you prepared [Documentation #: 0]
- Information brochure you developed [Documentation #: 0]
- Paper or article you authored/co-authored that was accepted for publication [Documentation #: 0]
- Other [Documentation #: 5]

- Certificates or transcripts of continuing education courses or seminars [Documentation #: 1]
- Award or certificate you received [Documentation #: 0]
- A recent performance appraisal [Documentation #: 0]
- Letter(s) from supervisors or colleagues [Documentation #: 2]
- Feedback from clients [Documentation #: 0]
- Letters from physicians or others [Documentation #: 0]
- Article about you and your work [Documentation #: 0]
- Other [Documentation #: 0]

Flow sheets - Bridge therapy