

Rotation Director (email)	Chris Sobey, MD (Christopher.m.sobey@vumc.org)
Rotation Name	Chronic Pain (Fellow)

COURSE OVERVIEW

Course Overview (75 – 100 words describing the course)

A 2 week rotation on the Adult Outpatient Pain Service (rotation titled Chronic Pain) will provide fellows in regional anesthesiology and acute pain management with the knowledge and skill set required to provide consultative-level care to adults with various types of acute and chronic pain complaints in an outpatient setting. Types of encounters include new patient consultations, returning patient follow-ups, and pain procedures. Time is spent at the One Hundred Oaks at the outpatient chronic pain service. Fellows will need to draw on excellent interpersonal and communications skills, exemplary level of professionalism, solid system-based practices and consistent practice-based learning and improvement to achieve the level of consultant.

LEARNING OBJECTIVES

Examples of verbs to be used in stating the learning objectives:

Knowledge	<i>Knowledge Recall</i>	define, repeat, list, name, restate, identify, report
	<i>Knowledge Analysis</i>	distinguish, differentiate, analyze, calculate, compare, relate, categorize
	<i>Knowledge Synthesis</i>	compose, propose, design, formulate, construct, organize
	<i>Knowledge Application</i>	interpret, apply, employ, illustrate
Skills	Demonstrate (a procedure)	
	Perform (a physical exam)	
	Determine the presence of (a finding)	
	Use (lab tests)	
	Point out (a physical finding)	
	Keep track of (lab data)	
	Practice (a technique)	
Attitudes	Show consideration (for patient comfort)	
	Show respect (for colleagues)	
	Pay attention (to patient concerns)	
	Express point of view	
	Express satisfaction in doing a particular activity	

Patient Care: Fellows must be able to provide patient care that is compassionate, appropriate, and effective for the treatment of health problems and the promotion of health.

	After successful completion of this rotation the fellow will be able to:	Methods of Evaluating Competency
Objective 1.	Prescribe narcotics in a safe, appropriate, and legal manner	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 2.	Demonstrate safe utilization of other medications for the management of chronic pain, including anticonvulsants, antidepressants, local anesthetics, NSAIDs, and topical agents.	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 3.	Take an accurate pain history and conduct a comprehensive physical examination, presenting data in a concise fashion.	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 4.	Perform all procedures competently, understanding risks, benefits, indications, and contraindications for interventional procedures	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 5.	progress from observing and performing procedures and clinical encounters, to include teaching and supervising residents	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)

Medical Knowledge: Fellows must demonstrate knowledge of established and evolving biomedical, clinical, epidemiological and social-behavioral sciences, as well as the application of this knowledge to patient care.

	After successful completion of this rotation the fellow will be able to:	Methods of Evaluating Competency
Objective 1.	Explain the principles of multidisciplinary pain management, including functional restoration	<input type="radio"/> Direct observation/Faculty Feedback <input type="radio"/> Written test <input type="radio"/> Oral presentation/quiz <input type="radio"/> Other (list)
Objective 2.	Describe the components of a pain history and physical, including how to distinguish between various causes of pain.	<input type="radio"/> Direct observation/Faculty Feedback <input type="radio"/> Written test <input type="radio"/> Oral presentation/quiz <input type="radio"/> Other (list)
Objective 3.	Understand the pharmacology and effects of opioid, non-opioid, and interventional approaches to pain management.	<input type="radio"/> Direct observation/Faculty Feedback <input type="radio"/> Written test <input type="radio"/> Oral presentation/quiz <input type="radio"/> Other (list)
Objective 4.	Describe pathophysiology of different types of pain, including nociceptive, inflammatory, neuropathic, and oncologic.	<input type="radio"/> Direct observation/Faculty Feedback <input type="radio"/> Written test <input type="radio"/> Oral presentation/quiz <input type="radio"/> Other (list)

Practice-based Learning and Improvement: Fellows must demonstrate the ability to investigate and evaluate their care of patients, to appraise and assimilate scientific evidence, and to continuously improve patient care based on constant self-evaluation and life-long learning. Fellows are expected to develop skills and habits to be able to meet the following goals:

- identify strengths, deficiencies, and limits in one’s knowledge and expertise;
- set learning and improvement goals;
- identify and perform appropriate learning activities;
- systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement;
- incorporate formative evaluation feedback into daily practice;
- locate, appraise, and assimilate evidence from scientific studies related to their patients’ health problems;
- use information technology to optimize learning; and,
- participate in the education of patients, families, students, residents and other health professionals.

	After successful completion of this rotation the fellow will be able to:	Methods of Evaluating Competency
Objective 1.	Respond to real-time suggestions and advice for improvement in procedural technique, incorporating these suggestions into current and future performance.	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list): Journal Club
Objective 2.	Perform relevant literature searches and apply data to daily patient care	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 3.	Review patient outcomes to reflect on the appropriateness of care and potential alternatives	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 4.	Encourage patients to reconsider a “successful” outcome as increased functionality rather than decrease pain score	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)

Interpersonal and Communication Skills: Fellows must demonstrate interpersonal and communication

skills that result in the effective exchange of information and collaboration with patients, their families, and health professionals. Fellows are expected to:

- communicate effectively with patients, families, and the public, as appropriate, across a broad range of socioeconomic and cultural backgrounds;
- communicate effectively with physicians, other health professionals, and health related agencies;
- work effectively as a member or leader of a health care team or other professional group;
- act in a consultative role to other physicians and health professionals; and,
- maintain comprehensive, timely, and legible medical records, if applicable.

	After successful completion of this rotation the fellow will be able to:	Methods of Evaluating Competency
Objective 1.	Demonstrate cooperation with all members of the multidisciplinary team, including clinical staff	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 2.	Communicate effectively and professionally with referring providers	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 3.	Take time to educate patients, regarding contributing factors and treatment options related to pain	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 4.	Empower patients to participate in medical decision-making and to take responsibility for their role in the treatment plan	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)

Professionalism

Fellows must demonstrate a commitment to carrying out professional responsibilities and an adherence to ethical principles. Fellows are expected to demonstrate:

- compassion, integrity, and respect for others;
- responsiveness to patient needs that supersedes self-interest;
- respect for patient privacy and autonomy;
- accountability to patients, society and the profession; and,
- sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.

	After successful completion of this rotation the fellow will be able to:	Methods of Evaluating Competency
Objective 1.	Demonstrate responsiveness to patient needs that supersedes self-interest.	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 2.	Demonstrate compassion, integrity, and respect for others.	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 3.	Demonstrate respect for patient privacy, modesty and autonomy.	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 4.	Demonstrate sensitivity and responsiveness to a diverse patient population, including but not limited to diversity in gender, age, culture, race, religion, disabilities, and sexual orientation.	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)

Systems-based Practice

Fellows must demonstrate an awareness of and responsiveness to the larger context and system of health care, as well as the ability to call effectively on other resources in the system to provide optimal health care.

Fellows are expected to:

- work effectively in various health care delivery settings and systems relevant to their clinical specialty;
- coordinate patient care within the health care system relevant to their clinical specialty;
- incorporate considerations of cost awareness and risk-benefit analysis in patient and/or population-based care as appropriate;
- advocate for quality patient care and optimal patient care systems;
- work in interprofessional teams to enhance patient safety and improve patient care quality; and
- participate in identifying system errors and implementing potential systems solutions.

	After successful completion of this rotation the fellow will be able to:	Methods of Evaluating Competency
Objective 1.	Utilize multidisciplinary resources for the management of pain	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 2.	Learn how to bill and document appropriately	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)
Objective 3.	Recognize psychological, social, and economic issues which may affect patients and their families, and necessitate adjustment in management plan to accommodate these	<input type="radio"/> Direct observation/Faculty Feedback
		<input type="radio"/> Written test
		<input type="radio"/> Oral presentation/quiz
		<input type="radio"/> Other (list)

TEACHING METHODOLOGIES

Students on this rotation will be expected to learn and achieve the learning objectives through the following methodologies and activities:

- | | |
|----------------------------------|---|
| <input type="radio"/> Lecture | <input type="radio"/> Clinical Experience |
| <input type="radio"/> Lab | <input type="radio"/> Research |
| <input type="radio"/> Conference | <input type="radio"/> Small Group |
| <input type="radio"/> Seminar | <input type="radio"/> Independent Study |

PATIENT ENCOUNTERS

Fellows on this rotation will be expected to work up and/or manage the minimum number of patients/cases per 2 week rotation with the specified conditions as listed below: (e.g., 10 craniotomies, 20 vaginal deliveries with CLE, etc.)

Number	Patient Condition / Case
10	New patient pain evaluations, of which some are oncologic in nature.
40	Established patient visits
15	Interventional pain procedures, including interlaminar or transforaminal epidural injections, trigger point injections, radiofrequency ablations, medial branch blocks, IT pump refills, etc.

FEEDBACK

Please identify when and how the student will receive feedback on his/her performance.

Daily	Final
<input type="radio"/> Written	<input type="radio"/> Written
<input type="radio"/> Verbal	<input type="radio"/> Verbal

SUBMITTED BY _____

Today's date _____