Course Introduction:
The pain management rotation is an opportunity for students to be exposed to the interdisciplinary evaluation and management of acute, chronic, and cancer-related pain, and to procedures related to the treatment of these patients. The student will display the skills of patient evaluation, communication, teamwork, and participate in clinical decision-making.

Course Grading:
This course is graded on a 5-tiered grade system: A (Honors), B (Near Honors), C (Satisfactory), D (Marginal), F (Fail). The student’s grade is based entirely on clinical performance evaluations. The student is responsible for sending an evaluation link to his/her staff and resident at the end of each day. If no evaluations are submitted, the student will receive an incomplete. If fewer than three evaluations are submitted, the highest grade possible will be Satisfactory.

Student Expectations:
Attendance:
1. Arrive daily at the Comprehensive Pain Center or the APS office (as scheduled) by 7:15am.
2. Participate daily in activities as directed by the faculty, fellow, or resident.

Professionalism:
1. Have pager on and functioning each day.
2. Send an evaluation to each faculty member/resident with whom you train, at the end of the day (instructions on next page.)
3. If planned absences during the rotation are necessary, email Dr. Mauer and Debi Stabler as soon as possible.

Pain Management Staff:
Faculty:
Grace Chen
Julio Gonzalez-Sotomayor
Kim Mauer
Andrei Sdrulla
David Sibell

Fellows:
Sherif Al-Hawarey
Kelly Zach
Natt Zinboonyahgoon

Nurse Practitioners:
Long Ong
Lisa Whitmore

Each month there are also 2-3 anesthesia residents on the pain service.

Schedule, Locations and Attire:
Students will spend half of their time in the clinic and half on the Inpatient Adult Pain Service. Two days per week, during the noon hour, pain didactic activities take place at CHH in the 3rd floor conference center. Students are expected to attend with the pain team. Pertinent articles for these didactics may be found at the following link: https://ohsu.box.com/s/3ik1j6hql0ai0ttjeko8dyi20kh97axh

Comprehensive Pain Center (Clinic):
Center for Health & Healing, 4th floor
Wear business professional attire, with white coat and ID badge
Contact the resident/fellow on the service.

Inpatient Adult Pain Service (APS):
Sam Jackson Hall 4125
Wear business professional attire or scrubs, with lab coat and ID badge
Ask the front desk to contact Tanja Doss (clinic manager), who will introduce you to the attending.
Evaluation Instructions:
Clinical Performance Evaluations – Student must send to faculty & residents daily during the rotation

Every week, the student will email his/her staff and resident an evaluation link to complete concerning that week’s cases. Students will be provided with a unique survey link and should copy/paste the following text into an email to the individuals with whom they trained, adding their name, date, and link.

*******************************************************************************************
Please provide feedback for medical student
NAME
By clicking on this link: [INSERT UNIQUE LINK PROVIDED TO STUDENT VIA EMAIL AT START OF ROTATION]
We worked together on:
Date

If you have any questions, please contact Mandi Mizuta (mizuta@ohsu.edu) or Debi Stabler (stablerd@ohsu.edu)
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Curriculum: GOALS

Medical Knowledge
- Understand the basic anatomical and pathophysiological mechanisms involved in common acute, chronic malignant and non-malignant pain problems.

Patient Care
- Understand the procedures and medical data for inpatient consultations involving parenteral/oral opioid conversion, moderate complexity malignant and non-malignant pain problems
- Understand the management of acute, postoperative pain including postoperative epidural analgesia management, as well as other forms of regional infusion therapies.
- Understand common pain management procedures, e.g., lumbar, thoracic, and cervical epidural access and injection techniques, selective nerve root blocks, trigger point injections, etc.
- Understand advanced pain management techniques and observe these techniques where practical (e.g., neurolytic techniques, including radio frequency ablation techniques; neuroaugmentation techniques, including spinal cord stimulation; chronic neuraxial drug delivery techniques, including implanted intrathecal drug administration systems).

Interpersonal & Communications Skills
- Practice oral communication with other services and clinics regarding patient assessment and care.

Professionalism
- Demonstrates responsibility and physical/mental attentiveness in a positive and constructive manner.
- Demonstrates willingness to show consideration and appreciation for patients and co-workers.
- Exhibits compassion, empathy and support in patient care and professional interactions.
- Demonstrates truthful and ethical standards in professional interactions and conduct.

Practice Based Learning and Improvement
- Gain experience in evaluating patients for and observe more advanced pain management techniques and observe these techniques where practical (e.g., neurolytic techniques, including radio frequency ablation techniques; neuroaugmentation techniques, including spinal cord stimulation; chronic neuraxial drug delivery techniques, including implanted intrathecal drug administration systems).

System Based Learning
- Gain experience in the principles of multimodal acute pain management, including psychological and physiotherapy evaluations and treatment options for inpatients.
• Gain experience in the principles of interdisciplinary pain management, including psychological and physiotherapy evaluations and treatment options.

OBJECTIVES

Medical Knowledge
• Discuss the basic anatomical and pathophysiological mechanisms involved in common acute, chronic malignant and non-malignant pain problems.

Patient Care
• Evaluate and manage inpatient consultations for parenteral/oral opioid conversion, and with chronic malignant and non-malignant pain problems
• Create a management plan for acute, postoperative pain including postoperative epidural analgesia management, as well as other forms of regional infusion therapies.
• Evaluate patients for pain management procedures (e.g., lumbar, thoracic, and cervical epidural access and injection techniques, selective nerve root blocks, trigger point injections, etc.)
• Evaluate patients for advanced pain management techniques (e.g., neurolytic techniques, including radio frequency ablation techniques; neuroaugmentation techniques, including spinal cord stimulation; chronic neuraxial drug delivery techniques, including implanted intrathecal drug administration systems).
• Monitor the performance of advanced techniques (e.g., neurolytic techniques, including radio frequency ablation techniques; neuroaugmentation techniques, including spinal cord stimulation; chronic neuraxial drug delivery techniques, including implanted intrathecal drug administration systems).

Interpersonal and Communication Skills
• Engage in communication to ensure other services and clinics are equipped to provide excellent patient assessment and care.

Professionalism
• Engage in communication to ensure collegiality for all members of the Pain Management team and other service providers
• Express plans, issues and concerns in language and using non verbal cues to demonstrate respect for the diversity of our patient and work communities
• Maintain privacy of records and communication
• Discloses conflicts of interest to appropriate personnel
• Maintain a neat, clean, professional appearance at all times.
• Perform clinical duties, including reading, in a timely manner.
• Attend all departmental conferences.
• Acknowledge limits of competence and act accordingly

Practice Based Learning and Improvement
• Evaluate patients for and observe more basic pain management techniques
• Observe techniques where practical (e.g., neurolytic techniques, including radio frequency ablation techniques; neuroaugmentation techniques, including spinal cord stimulation; chronic neuraxial drug delivery techniques, including implanted intrathecal drug administration systems).

System Based Learning
• Describe the options multimodal acute pain management, including psychological and physiotherapy evaluations and treatment for inpatients.
• Describe principles of interdisciplinary pain management, including psychological and physiotherapy evaluations and treatment options