



**Pacific Northwest University
Of Health Sciences
Years III and IV Clerkship Curriculum
Student Clinical Rotation
Osteopathic Principles and Practice**

Course Title: Osteopathic Principles and Practice – OPP 701

Credits: 8 credits

Rotation Length: Required 4 week rotation

Prerequisites: None

Syllabus Components

1. Rotation Description, Purpose and Philosophy
2. Rotation Objectives
3. Orientation to Rotation
4. Required Activities and Assignments
5. Student Performance Evaluation
6. Recommended Resources
7. Standards of Professional Conduct
8. Tips for Successfully Completing the Rotation

Last update: 12/30/11

This syllabus has been reviewed by the Curriculum Committee and Dean's Council with final approval by the Dean.

1. Rotation Description, Purpose, and Philosophy

The purpose of this rotation is to provide the student with the opportunity to enhance his/her knowledge and skills to a level appropriate for a beginning PGY 1 trainee. To accomplish this, the rotation provides a broad overview of primary care. The student is expected to encounter a variety of experiences. To achieve rotation objectives, the student is encouraged to apply the concepts of diagnosis and management to the patient and, if relevant, develop a working knowledge of both inpatient and outpatient treatment modalities. Throughout the rotation, students should have multiple opportunities to perform procedures and to practice problem-solving skills.

2. Rotation Objectives

Learning objectives for this rotation should guide the student's learning activities and serve as a baseline for assessment of the student's enhanced knowledge, skills, and professional behavior.

Interpersonal and Communication Skills Objectives:

1. Obtain through an interview, a thorough and accurate medical history of any patient, regardless of age, ethnic or socioeconomic origins. Take into account a patient's mental state, motivation for seeking treatment and ability to communicate. Employ appropriate interviewing techniques, making sure that there is full understanding between the physician and the patient.
2. Communicates effectively with attending, resident, team members and other health care professionals.
3. Documentation in medical records is legible and timely
4. Communicates appropriately and professionally to patient and family members
5. Demonstrate appropriate use of telephone, e-mail, and other communication modalities and acts professionally in communicating with patients and other members of the health care team.

Medical Knowledge

1. To give the student practice with performing patient interviews and structural palpatory exams to identify somatic dysfunction.
2. To familiarize the student with varying OMM techniques.
3. To increase student proficiency with using OMM.
4. To instruct the student in billing of OMM.
5. To show the student how to integrate OMM into an office visit.

6. To show the student how to perform OMM in a timely manner.
7. To instruct the student about contraindications to OMM.
8. To instruct the student about adverse reactions to OMM.
9. To instruct the student in proper ordering of tests based on OMM findings.
10. To instruct the student in proper documentation of OMM.

During this elective rotation, the student is expected to develop her/his competencies in the following clinical skills:

1. Focused interviewing for musculoskeletal pain.
2. Palpatory diagnosis of somatic dysfunction of the entire body.
3. Muscle energy to at least one area of body.
4. HVLA to at least one area of body.
5. Counterstrain to at least one area of body.
6. Functional Methods to at least one area.
7. Indirect method to at least one area of body.
8. Writing a SOAP note including OMM.
9. Assessment of leg length discrepancy.
10. Interpretation of laboratory or imaging results.
11. Re-evaluation for effect of treatment.

Osteopathic Philosophy and Osteopathic Manipulative Medicine Objectives:

1. Demonstrate the ability to apply Osteopathic principles and treatment to this group of patients.

Patient Care Objectives:

1. Demonstrate knowledge of patient-monitoring procedures to assess improvement, deterioration or change of status.
2. Demonstrate the ability to communicate effectively and interview patients and families in various clinical settings.
3. Perform complete and time-efficient physical examinations of patients. Demonstrate an ability to adapt the physical examination procedures to the patient's age and/or condition. Include inspection, palpation, auscultation, and motion testing for systemic and musculoskeletal abnormalities.
4. Communicates effectively with attending, resident, team members and other health care professionals.
5. Documentation in medical records is legible.
6. Demonstrates the ability to integrate the principles of preventive medicine and health promotion in all interactions with patients, including lifestyle change recommendations when appropriate.
7. Demonstrates ability to develop and execute patient care plans appropriate for level of training and follows a problem oriented format (SOAP).

Practice Based Learning Objectives:

1. Demonstrates motivation and a desire to learn.
2. Demonstrates the ability to learn from practice.
3. Demonstrate the ability to understand and apply decision-making tools.
4. Describes quality assurance activities within the scope of the students clinical training
5. Demonstrates recognition of the importance of lifelong learning in medical/surgical practice.
6. Demonstrates the ability to obtain the best available evidence to answer a clinical question efficiently.
7. Demonstrate the ability to communicate evidence (including osteopathic principles and practices to patients and colleagues.
8. Seeks and responds to feedback.

Professionalism Objectives:

1. Demonstrates a respect for the right of the patient to be involved in the decisions about their care.
2. Demonstrates a commitment to continuity of patient care.
3. Demonstrates a respect and protection of confidential information
4. Displays a sense of responsibility and respect to patients, families, staff and peers.
3. Demonstrates cultural sensitivity.
4. Maintains a professional appearance, well-groomed, appropriately dressed.
5. Punctual in attendance, prompt and available when called upon.
6. Motivated to learn, shows appropriate assertiveness, flexibility, adaptability toward education.
7. Demonstrates appropriate attitude, cooperative, receptive to feedback.
8. Introduce self to those who you are working with, the patient, attending, resident, other physicians, nurses, staff, etc...

Systems Based Practice Objectives:

1. Know where to go for help— personal and professional.
2. Demonstrates an understanding of how to make an appropriate decision relative to the health care delivery systems
3. Attends all required orientations presented by the facility and completes needed paperwork for rotation.
3. Follows policy and procedures set forth by the health care facility and departments within that facility.
4. Recognizes common methods and available resources in health care systems to ensure quality of care.

3. Orientation to the Rotation

The rotation orientation provides an opportunity to set/clarify expectations, answer questions

and define roles, assess skill level and experience; and to resolve issues in a timely manner. The student should attempt to meet with the preceptor either prior to, or early on, the first day of the rotation. S/he should be prepared to share past clinical experiences and personal objectives for this rotation with the preceptor. Clarifying the following details with the preceptor will help to ensure a rewarding and successful rotation:

- a. Specific student responsibilities on the service.
- b. Specific preceptor expectations of the student on the service.
- c. Goals, objectives, structure and expected measurable outcomes of the rotation.
- d. Required rotation assignments and responsibilities in the preceptor's practice (e.g. clinics, lectures, conferences, other didactics, journal clubs, rounds, office hours, morning report).
- e. During this orientation, the student and preceptor should negotiate specific times (e.g. mid-rotation) when feedback on student performance will be provided. The Evaluation of the Student Clinical Performance form will also be completed and discussed with the student.

4. Required Learning Activities, Assignments, and Responsibilities

The following activities are required for satisfactory completion of this rotation:

- a. Attend and participate in at least 70% of PNWU education day presentations (remote access is acceptable). This is a graduation requirement.
- b. Attend and participate in any other workshops, seminars, or professional development activities assigned by the PNWU Regional Dean.
- c. Present clinical case conferences, as assigned by the Director Clinical Rotations.
- d. Submit the online Student Evaluation through New Innovations. If you need instructions, please ask your PNWU or site staff.
- e. Submit Procedures Log through New Innovations.
- f. Submit a copy signed by your preceptor of the log summary (from New Innovations) at the end of this rotation with at least treatment of 20 patients recorded.
- g. Fulfill all required responsibilities identified by the preceptor during orientation.

5. Student Performance Evaluation

A student must receive a passing grade from the preceptor in order to pass the rotation. If the preceptor considers the student *Marginal*, then a remediation recommendation should be made by the PNWU Regional Dean, in consultation with the preceptor, and submitted to the Director of Clinical Rotations Dean for approval.

6. Recommended Resources

Recommended Text

Nicholas, A., (2008). *Atlas of Osteopathic Techniques*. Lippincott.

The following have been identified as resources for ALL rotations by PNWU preceptors.

Cooper, D. H., Krainik, A. J. & Lubner, S. J., (2007). *The Washington Manual of Medical Therapeutics*, (32nd ed.). Philadelphia: Lippincott Williams & Wilkins.

McPhee, S. J., Papadakis, M. A. & Tierney, L. M., (2007). *2007 Current Medical Diagnosis and Treatment*. New York: McGraw-Hill. Also available on AccessMedicine.

Ward, R., (2003). *Foundations for Osteopathic Medicine*, (2nd ed.). Philadelphia: Lippincott Williams & Wilkins.

Medical Dictionary (Dorland, Taber, or Stedman)

Available through the PNWU Library:

PubMed (www.pubmed.gov)

PNWU Library Catalog (<http://opac.libraryworld.com/cgi-bin/opac.pl?command=signin&libraryname=MLRC>)

MD Consult with remote access (www.mdconsult.com)

OSTMED.DR Osteopathic Medicine Digital Repository (<http://www.ostmed-dr.com:8080/vital/access/manager/Index>)

Interlibrary loan is available to PNWU COM students at no charge. Contact the library at 509-249-7745 or at library@pnwu.org for assistance. A complete list of library resources can be accessed by students by logging into the PNWU network and checking the Library page on Connections (<http://connections/Pages/Default.aspx>).

7. Standards of Professional Conduct

The PNWU Honor Code applies to all activities at PNWU.

Students are encouraged to study together and to share their knowledge freely with one another during the learning process. During examinations, however, no assistance from other students or from outside sources is allowed, unless explicitly permitted by the PNWU office. Books, notes, and other materials must be left outside the testing area during examinations.

Professional standards required of a member of the Osteopathic profession are a requirement for passing this rotation, as is compliance with the professional standards of the hospital and outpatient offices of the student's preceptor. Students are expected to maintain high professional standards of behaviors. They should exhibit such personal characteristics as honesty and integrity, as well as to maintain patient confidentiality at all times.

Unprofessional behavior may result in a failing grade in this rotation, regardless of other academic performance on this rotation, and could subject the student to dismissal from the hospital in which they are based. Professional conduct shall be evaluated by the PNWU Regional dean through observation of and interaction with the student, his/her preceptor, and other hospital attending physicians and staff.

8. Tips for Successfully Completing the Rotation

Be proactive: taking an interest in the specialty and becoming an active team member of the service is critical to learning in a clinical setting. Remember, the clinical learning environment differs from the classroom. You will be “thinking on your feet” and “learning as you go.” To capitalize on “the learning moment,” seek out opportunities to ask questions and supplement your experiences with medical literature.

In addition, be sure to:

1. review the syllabus to ensure that you understand all requirements.
2. discuss with your preceptor your previous clinical experiences and personal goals and objectives for this rotation. The rotation orientation is an opportune time to initiate this discussion and to develop positive rapport with you preceptor.
3. clarify your preceptor’s expectations of your activities.
4. complete your skills and procedure log as you proceed through the rotation; avoid procrastinating until the end.
5. come prepared to take advantage of the opportunities this rotation has to offer.

If you have any questions, contact your PNWU Administrator or PNWU Regional dean.