

This elective rotation is a two four (2 4) week introductory, structured clinical experience under direct supervision designed to provide the student experience diagnosing, treating and caring for patients with infectious disease disorders. There is no post rotation exam for the elective. Most students electing to take this rotation will be in the third year of osteopathic medical school.

Purpose of Rotation

Clinical experiences are intended to assist the student's transition from didactic to integrated clinical evaluation and patient management. The goals of this rotation are to prepare the student to recognize common acute and chronic infectious disease disorders. The student should further understand the causes, prevention, and appropriate treatment options for those disorders. The student should also develop fundamental psychomotor skills by performing routine basic procedures under direct supervision.

The College recognizes that two four (2 4) weeks is insufficient time to cover a comprehensive list of objectives; experience gained is dependent on the numbers of patients and types of disease entities

these procedures, and understand their indications, risks, contraindications, and benefits. Although residents and attending are responsible for obtaining written consent, none of the following procedures should commence without following appropriate protocols to obtain the consent, and students should participate in obtaining an informed consent. In addition, students should gain experience writing procedure notes that document the indications, how the procedure was done, and complications.

- Arthrocentesis: elbow, knee or ankle and interpretation
- Central venous catheterization: internal jugular vein, subclavian vein, and femoral vein
- Arterial line placement
- Lumbar puncture and interpretation

Meningitis, encephalitis and other central nervous system infections.
H. Endocarditis: diagnosis, treatment and prophylaxis.
J. Bacteremia: staph species, enterococcus species, others

It is strongly recommended that students spend approximately 10 hours per week reading independently. Students should not rely solely on the review books to be adequately prepared for the rotation as they do not provide the knowledge base needed to successfully pass the rotation.

Reading Assignments

1. Review all core topics and diseases listed above.
2. Supplemental readings are encouraged to augment pathology seen in a dermatology office. Students must make a concerted effort to read supportive material to assist in achieving the goals and objectives of the rotation.

Implementation

Course objectives are to be accomplished under supervision. Course objectives should be covered during the rotation to assure adequate student preparation for board examinations and clinical practice. The use of diverse methods appropriate to the individual and the clinical site are encouraged, but patient centered teaching is optimal.

Didactic methods to achieve required objectives include:

- Reading assignments
- Lectures
- Computer assisted programs (if available)
- Student attendance at/participation in formal clinical presentations by medical faculty

Clinically oriented teaching rotation computer

Required Textbook:

1. Mandell, Douglas, and Bennett's Principles and Practice of Infectious Diseases, 9th ed. ISBN 9780323482554
2. Kochar's Clinical Medicine for Students, 6th Ed. ISBN 978 1491781340

Required Media:

1. Up to Date (free through WesternU)

Optional Textbooks: For additional references

1. Bates' Guide to Physical Examination & History Taking, 12th Ed. Bickley, et al. (Wolters Kluwer) ISBN 9781469893419
2. Cecil's Essentials of Medicine, 9th Ed. ISBN 9781437718997
3. Pocket Medicine: The Massachusetts General Hospital Handbook of Internal Medicine, 6th Ed. ISBN 9781496349484
4. Internal

- Ebsco A to Z Database provides links

KEYS TO SUCCESS:

1. READ, READ, READ!!!!!! It is imperative that you read for this clerkship. If you read the required text, it will make it easier for you to understand the medical management of your patients an.40TD0.0046Tc(you)5.4(r)TJ

Entrustable

Evaluation/Grading

Grading for your clerkship will be calculated according to the Clinical Education Manual (<https://www.westernu.edu/media/osteopathic/pdfs/cem.pdf>)

Please note, your attending/preceptor's evaluation is based on, but not limited to the following:

- Communication skills regarding patients
- Care provided to assigned patients
- Attendance and participation at conferences, morning reports lectures and meetings
- Demonstration of library references on patients
- Completion and accuracy of paperwork on patients (Histories and Physicals, progress notes, treatment plans, presentations, hand outs, etc.)
- Interaction with attendings, residents, students, medical staff, nursing and ancillary personnel
- General knowledge base and knowledge applied to specific patients
- Motivation in the learning process
- Overall performance, participation, enthusiasm to learn, and effort to improve
- Mid rotation grades should be given by the intern/resident/attending. The final grade should be given/reviewed with the student on the last day of the rotation.

Evaluation/grading of your performance on the rotation will be based on the following scenarios:

1. Four Week In Person/On site Clinical Rotation

- Clinical rotation site will grade your performance during the rotation (4 credit hours).

2. Hybrid Clinical Rotation (Part of rotation is in person and part is virtual)

- Clinical rotation site will grade your performance during the rotation (4 credit hours).
- Student must complete all ~~requirements for the rotation~~

3. Two Weeks of Virtual Rotation and Two Weeks On site Clinical Rotation

- Department of Internal Medicine faculty will grade your performance during the 2 weeks of virtual rotation (2 credit hours).
- Clinical rotation site will grade your performance during 2 weeks of on site rotation (2 credit hours).
- Student must attend all mandatory teleconference learning sessions during the virtual portion of the rotation.

4. Four Week Virtual Rotation

- Department of Internal Medicine faculty will grade your performance during the 4 weeks of virtual rotation (4 credit hours).
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3. Patient Care 4. Interpersonal and Communication Skills	Residents are expected to demonstrate interpersonal/communication skills that

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