Kansas City University of Medicine and Biosciences
College of Osteopathic Medicine

IDIS 003
Osteopathic Clinical Skills

Course Description

This is a mandatory clerkship for students who are unsuccessful in passing a clinical clerkship. Students focus on the functional knowledge and application of the multiple facets of osteopathic clinical skills necessary to perform a competent diagnostic evaluation and subsequent treatment of patients.

5 semester credits Repeatable: yes (10 credits)

Competencies & Objectives

The KCUMB educational program has identified specific broad areas that students should develop during their training. These help ensure that the students are able to demonstrate and/or develop specific skills. The overarching competencies and objectives specifically addressed in the Osteopathic Clinical Skills course are denoted in bold:

1. **Demonstrate basic knowledge of osteopathic philosophy and practice and osteopathic manipulative treatment;**
2. **Demonstrate medical knowledge through one or more of the following: passing of course tests, standardized tests of the NBOME, end-of-clerkship tests, research activities, presentations, and participation in directed reading programs and/or journal clubs; and/or other evidence based medical activities;**
3. **Demonstrate interpersonal and communication skills with patients and other health care professionals;**
4. **Demonstrate knowledge of professional, ethical, legal, practice management, and public health issues applicable to medical practice;**
5. Demonstrate the ability to effectively treat patients, provide medical care that incorporates the osteopathic philosophy, patient empathy, awareness of behavioral issues, the incorporation of preventive medicine, and health promotion.
6. Demonstrate the ability to critically evaluate their methods of clinical practice, integrate evidence-based medicine into patient care, show an understanding of research methods, and improve patient care practices.
7. Demonstrate an understanding of health care delivery systems, provide effective and qualitative patient care with the system, and practice cost-effective medicine.

General Course Objectives

Medical Knowledge

- Demonstrate knowledge of diseases common in various populations and the influences affecting occurrence in populations

Patient Care/ Osteopathic Philosophy and OMT

- Demonstrate an understanding of differences in acute and chronic onset of disease and how these alter the approach physicians use to treat illness
- Demonstrate an understanding of age appropriate development for patients and how environmental factors can influence development
- Appreciate the physician's role in the care of the patient and patient's family

- Identify differences in screening and diagnostic tests and general applicability of each
- Demonstrate age-appropriate physical examinations

Interpersonal and Communication Skills
- Demonstrate proper interviewing skills with patients
- Properly elicit a patient history

Professionalism
- Maintain professional attributes throughout all aspects of patient and health care team interactions

Detailed Objectives

Knowledge

- **Epidemiology**
  - Understand how the prevalence of disease in a population changes the predictive value of a screening test (e.g., PSA screening and ethnicity).
  - Describe the prevalence and natural history of common problems and illnesses over the course of individual and family life cycles.
  - Describe community-based interventions to modify or eliminate identified risks for disease or injury.
  - Recognize the barriers to coordination of health care and recommend improvements.
- **Clinical Medicine**
  - Describe the benefits of providing longitudinal, comprehensive, and integrated care for patients with common, chronic medical problems.
  - Describe normal growth and development during adolescence
  - Describe the principles of behavioral change strategies (e.g., smoking cessation).
  - Define the healthy aging process
- **Practice Measures**
  - Demonstrate basic knowledge of the complex factors involved in behavioral change.
  - Describe the role of the family physician as coordinator of care.
  - Describe strategies for patient education and disease prevention that can be implemented with those who do not present for care on their own.
  - Describe the continuing role & responsibility of the family physician in the care of patients during the process of consultation and referral.
  - Analyze the impact of referral patterns within a family practice context.

Clinical Skill

- **Application**
  - Apply screening protocols based on guidelines and recommendations to identify risks for disease or injury and opportunities to promote wellness for the following care groups:
    - Child care (e.g. nutrition, immunizations)
    - Adolescent care
    - Adult (e.g., hypertension, hypercholesterolemia, diet, CAD, CA, HRT, substance abuse, environmental exposure, occupational disease, STD)
    - Maternity care
    - Geriatric (e.g., advance directives)
  - Apply culturally appropriate behavioral change strategies (e.g., smoking cessation) to support patient wellness.
- **Performance**

- Complete a Clinical Skills Assessment (CSA) successfully at the onset and conclusion of the elective.
    - Be able to formulate an appropriate differential diagnosis and treatment plan, based on the patient history, structural and physical exam.
- Osteopathic Philosophy and OMT
    - Demonstrate the ability to select an appropriate osteopathic treatment plan based on the patient's presentation and overall clinical scenario.
    - Demonstrate proficiency in utilization of various OMT modalities
    - Be able to correctly document the osteopathic structural examination
- Interpersonal and Communication Skills
    - Demonstrate the core communication skills in both a clinical setting as well as in Objective Structured Clinical Exams (OSCEs)
    - Be able to present patients to clinical faculty in a clear, concise manner, including pertinent portions of the history and physical exam findings, as well as pertinent negative findings.
    - Demonstrate the ability to accurately document the patient encounter in written format, for both inpatient and outpatient encounters, as well as any OSCEs.
- Use appropriate technology (e.g., Web-based, handheld computer) to support patient education and disease prevention activities.
- Document appropriate information for acute and continuing care in the patient record.
- Perform concise, problem-focused presentation of the patient that reflects critical thinking in clinical decision making.
- Use appropriate screening tools and protocols for health maintenance in specific populations, including immunizations across the age spectrum.
- Participate in a chronic disease management plan in partnership with the patient, patient's family, and other health care professionals that enhance functional outcome & quality of life.
- Appropriately manage and apply proper nutrition guidelines for patient presentations
- Encourage patients with episodic or acute illnesses to seek continuing medical care.

<u>Attitude/Behavior</u>

- **Recognize**
    - The complexity of providing longitudinal, comprehensive, and integrated care for patients with common, chronic medical problems
    - The importance of maintaining continuing professional responsibility for the patient's and family's health care.
    - Advocate for quality patient care and assist patients in dealing with system complexities.
- **Demonstrate**
    - Therapeutic and ethically sound relationships with patients and families utilizing a patient-centered approach.
    - The ability to communicate effectively with patients and families through an interpreter.

Evaluation (subject to change with notice)

A Clinical Skills Assessment (CSA) at the onset and conclusion of the clerkship to obtain:

- Objective data on the following domains:
    - Communication skills
    - Physical examination skills

        - Structural examination
        - OMT modality selection and delivery
        - Written documentation of the encounter
            - Ability to formulate a differential diagnosis
            - Ability to select an appropriate plan for patient care

Preceptor Evaluations:

- The student will be evaluated by faculty who have worked with the student during the clerkship, and a written evaluation generated, based partly on the following criteria:
    - Whether the student has adequate or deficient skills as compared to their peer group for:
        - Ability to efficiently complete a patient interview and PE, for both inpatients and outpatients.
        - Completion of accurate written documentation of the encounter
        - Demonstrated ability to select and deliver OMT
        - Verbally present the patient to a preceptor
        - Professional demeanor of interaction with peers, preceptors, and clinical staff
        - Completion and quality of reading/study assignments and presentations as directed by preceptors.

Shelf examination:

- Performance on the Family Medicine or OPP Shelf Examination

GRADES

This clinical experience is graded satisfactory/unsatisfactory, based on performance on the evaluation mechanisms listed above.

COURSE MATERIALS

Recommended reading/resources:

The KCUMB Electronic Resource Collection has an excellent selection of resource to complete assigned readings/research patient care information.

http://www.kcumb.edu/library/

This website has a growing selection of digital books that are available free of charge (some selections require free registration). http://www.freebooks4doctors.com/

DIRECTED STUDIES

The student can expect to have daily reading assignments as well as assigned SOAP notes and other activities designed to improve clinical skills. The student will be expected to present their reading assignments the following day.

REQUIRED INSTRUMENTS

Equipment as required for rotations, including a quality stethoscope.

COURSE SCHEDULE

This elective is a 4-week experience. A detailed schedule will be provided at the clinical site and will be specific to that student. It is the student's responsibility, prior to the end of the day, to determine their location and study assignments for the following day. **It is the student's responsibility to contact the Office of Community Clinical Education (OCCE) in order to complete the necessary paperwork for observing patients in the hospital. The student should do this at least 1 week in advance of the start of this clerkship.**

Lectures: students should attend any student, resident, or preceptor lecture as assigned by their preceptor.

POLICIES

Academic Dishonesty

The University holds its students to the highest standards of intellectual integrity. Therefore, the attempt of any student to pass any examination by improper means, present work which the student has not performed or aid and abet a student in any dishonest act may result in disciplinary action including immediate dismissal. Any student witnessing or observing a perceived violation of academic dishonesty is required to report it as outlined in the Guidelines. Students failing to report an observed violation may also receive disciplinary action.

Attendance

If a student is determined to demonstrate unprofessional behavior or wear unprofessional or inappropriate attire, he/she may be subject to disciplinary action per Kansas City University of Medicine and Biosciences policy. Attendance of lectures and laboratories is based on the University's stated attendance policy. Refer to the Student handbook for more information.

Electronic Mail

It is the student's responsibility to check their e-mail daily. Students should be aware that it is possible that a faculty member may elect to e-mail materials outside the normal Monday – Friday business hours.

Conduct

The University expects all students to be responsible individuals who possess the highest standards of integrity, honesty and personal conduct. These traits are prerequisites to independent learning, professional development, the successful performance of academic and clinical assignments, and the conduct of one's personal life. Accordingly, students are expected to adhere to a standard of behavior consistent with the University's high standards at all times off and on campus. Compliance with institutional rules and regulations, in addition to city, state and federal laws, is expected.

Copyright Policy

KCUMB must respect and observe the right and privileges of copyright holders, obey the United States Copyright Act and preserve the integrity of its internal network systems. All students must sign the technology and software use policy. A copy of this policy may be obtained from the Information and Technology Department.

Dress Code

All students are expected to maintain the highest standards of professional appearance at all times. During years one and two and while on campus, COM students are required to wear scrubs or white coats with appropriate dress. Appropriate dress for all KCUMB students includes business slacks with open-collar shirt for men, and business slacks or skirt with professional shirt or sweater for women. Jeans, tank tops, low-cut shirts, short skirts, and hats are not permitted.

Student Identification

While performing duties related to patient care, all students must clearly identify themselves as a medical student both verbally and by wearing their KCUMB picture identification badge in addition to any hospital issued identification. Misrepresentation of oneself as a licensed physician is both illegal and unethical. Should the KCUMB identification badge become lost or broken, the student should contact Student Affairs immediately to order a replacement. A charge of $5.00 may apply.

Hospital Rules & Regulations

Each hospital/health care system has individual rules and regulations. Medical students must familiarize themselves with and adhere to these protocols during training. At no time should a medical student alter, remove or otherwise tamper with medical records. Specific rules and regulations with respect to student entries in medical records must be clarified during the first day of the clinical experience.

Students must respect and follow all policies regarding the use of hospital facilities and equipment. All hospital equipment including library materials, pagers, and keys must be returned before leaving a clinical experience. Students are financially responsible for any damage to or loss of hospital property. As a result, it is strongly recommended that students obtain and retain a receipt as proof that property was returned and/or damage was not incurred.

Special Accommodations

Requests for accommodations are made by the student according to the procedures outlined in the Student Handbook. Applications may be submitted at any time during the academic year. An application for accommodations is a request for only the academic year in which it was submitted. If an accommodation is granted during the first academic year, a renewal application must be submitted the following year should the student desire continuation of the granted accommodations. Requests for special accommodations do not signify privilege until official notice is received from the appropriate college dean.

All requests for special accommodations due to a physical, psychological or learning disability must contain appropriate documentation and be directed to the Academic Accessibility Committee, which makes recommendations to the appropriate college dean, who makes approval decisions. COM students needing special accommodations will need approval of both the clinical training site and KCUMB. If a request for accommodations impacts multiple clinical training sites, each site must be in accordance with the accommodation requested for training accomplished at that site. KCUMB cannot assure that approval of accommodations by KCUMB for MSI and MSII students, or endorsement of accommodations for MSIII and MSIV students for clinical experiences will be accepted by clinical training sites.

Exposure to Blood-born Pathogens

Students who are exposed to blood and/or body fluids should follow the policy of the institution where the incident occurred. A copy of the completed incident report should be sent to the OCCE. Any expense incurred due to exposure to blood and/or body fluids is the student's responsibility and should be billed to his or her personal health insurance.

Didactic Conferences & Reading Assignments

Didactic conferences and reading assignments are critical components of the medical education process. While the focus of years three and four is hands-on experience, didactic conferences and reading assignments are often provided as an adjunct to this learning process. Attendance at didactic conferences and completion of reading assignments imposed by KCUMB, the core site hospital, clinical experience service or preceptor must be followed without exception.

Work/Call Schedule

The work and call schedule during clinical experiences is at the discretion of the core site hospital, service and/or preceptor. Students generally follow the same schedule as their preceptor, however, if the preceptor is on vacation, or scheduled away from the office/hospital, additional arrangements must be made for completion of the clinical experience. If this occurs, contact your KCUMB Student Administrator immediately. Additional call time may be required on evenings, weekends or holidays. Students should clarify work and call schedules during the first day of the rotation. Work/call scheduling imposed by KCUMB, the core site hospital, clinical experience service or preceptor must be followed without exception. FEDERAL LAWS

RESTRICTING INTERN/RESIDENT WORK HOURS DO NOT APPLY TO MEDICAL STUDENTS.

Medical Ethics

All medical students are expected to conduct themselves in a professional manner demonstrating an awareness and compliance with the ethical, moral and legal values of the osteopathic medical profession. In observing the principles and practices of medical ethics, students will:

- Place primary concern on the patient's best interests
- Be available to patients at all reasonable times as expected by the preceptor/core site
- Perform medical activities only within the limitations of a medical student's capabilities and within the guidelines determined by the site and/or preceptor
- Strictly maintain patient and institutional confidentiality

Physical Examinations

During the third and fourth-year clinical experiences, students are routinely expected to see and examine intimate parts of patient bodies. It is necessary that all intimate examinations of patients be appropriately structured, supervised, and consented in the interests of all parties, including the patient, student and attending physician.

Students must wear their KCUMB picture identification badge and introduce themselves to patients as a medical student. Patient consents for a student to perform an intimate examination must always be voluntary. Consent for an intimate examination must be either verbal and/or written. Irrespective of the gender of the examining student and the patient being examined, a chaperone, defined as another medical professional, preferably the preceptor is required during all intimate examinations. A chaperone is not an accompanying person i.e. friend or relative of the patient. A chaperone, similarly, is not another medical student. Students are highly encouraged to record the date, time, and the results of the examination as well as the name of the chaperone in the medical record.

PROCEDURES

ABSENCE FROM CLINICAL EXPERIENCES

ANY ABSENCE MUST BE REPORTED TO BOTH THE PRECEPTOR AND THE KCUMB STUDENT ADMINISTRATOR PRIOR TO THE START OF AN ASSIGNED SHIFT. Failure to report an absence to the core site or preceptor and the KCUMB Student Administrator will be considered abandonment of duties and the student will face appropriate disciplinary action. (For additional information see Clinical Clerkship Manual).

KCUMB FACULTY CONTACT INFORMATION

A faculty preceptor will be assigned.