

A note from Dean David N. Bailey regarding Global Learning Objectives for Regularly Scheduled Series (RSSs): The following learning objectives are established by the CME Application Self Study for each event listed. The learning objectives are periodically reviewed by a CME process to measure their effectiveness in representing the educational needs of the learner via performance gap identification and to provide some measure of outcome achievement via annual evaluations, period evaluations and quarterly focus group reviews and participant impact studies. Specific learning objectives are established for special lectures presented by guest speakers. ***If you need help in developing learning objectives see the Objective Writing link available on this website.***
<http://musom.marshall.edu/cme/objectives.htm>

Breast Cancer Conference (SMMC sponsored):

1. Discuss, review and develop a treatment plan for newly diagnosed breast cancer patients.
2. Discuss, review and develop a social plan based on needs of newly diagnosed breast cancer patients.

Cabell County Medical Society (SMMC sponsored):

1. Explore various subjects related to quality of care in the community.
2. Broaden individual knowledge base from exposure to various local, regional, and national opinions on current topics.

Cardiology Basic Science (MUJCESOM sponsored):

1. Provide didactic instruction in cardiovascular anatomy, physiology, metabolism, molecular biology, pharmacology, and pathology.
2. Develop an appreciate and respect for the Basic Science contribution to the practice of cardiovascular medicine.
3. Provide an avenue for interfacing with the Basic Science faculty at Marshall University School of Medicine

Cardiology Catherization (MUJCESOM sponsored):

1. Competently evaluate coronary angiograms, including significance of lesions, different angiographic views, and appropriate therapy for pertinent findings.
2. Appropriately assess invasive hemodynamic data obtained from right and left heart catherization.
3. Appropriately interpret left ventriculography, aortography, and peripheral angiography studies.
4. Develop presentation skills.

Cardiology Journal Club (MUJCESOM sponsored):

1. Competently assess the quality of a clinical review artery published in one of the major cardiovascular journals including Journal of American

College of Cardiology, The American Journal of Cardiology, Circulation and the New England Journal of Medicine.

2. Dissect and appropriately evaluate statistics used in analysis of original research presented in above mentioned journals.
3. Competently present and summarize an article to peers of equal academic knowledge.
4. Appropriately critique conclusions drawn from reviewed articles.

Cardiology Nuclear Conference (MUJCESOM sponsored):

1. Review interpretative steps for nuclear cardiovascular studies with appropriate clinical application.
2. Devise steps for improving interpretation with prognostic value.
3. Identify limitations of potential errors of the studies as well as sensitivity & specificity in clinics.
4. Review appropriate use of nuclear cardiology testing.

Core Curriculum (MUJCESOM sponsored):

1. Outline the specific steps for clinical communication skills.
2. Explore research design and statistical analyses necessary for clinical presentation.
3. Critique medical literature critical review techniques for comprehension and clinical presentation and lifelong learning skills acquisition.

Echo Conference (SMMC sponsored):

1. Prepare cardiology fellow's to successfully complete ABIM Boards in Cardiovascular Diseases.
2. Enhance technicians skill abilities by increasing overall knowledge of techniques and understanding of disease processes.

Electronic Health Records Conference (Training) (MUJCESOM sponsored):

EKG Cardiology Conference (MUJCESOM sponsored):

1. Competently and coherently interpret a 12 lead electrocardiogram in its completion.
2. Appropriately evaluate rhythm disturbances including supraventricular, ventricular, and accessory pathway findings.
3. Appropriately and competently evaluate pacemaker rhythms including single chamber and dual chamber EKG interpretations.
4. Appropriately diagnose non-cardiac conditions from 12 lead EKG's including electrolyte abnormalities, hyperthyroidism and pulmonary abnormalities.
5. Appropriately assess congenital heart disease including ASDVSD, Ebstein's abnormality, Tetralogy of Fallot.

6. Appropriately recognize and diagnose pericarditis as distinguished from myocardial infarction.
7. Improve teaching skills regarding electrocardiography as it relates to the teaching of medical students and residents.
8. Gain skill in Cardiovascular Board EKG Testing Format.
9. Competently evaluate and interpret signal average electrocardiograms.

Faculty and Professional Development (MUJCESOM sponsored):

1. Review the principle of adult learning.
2. Apply these principles to the instructional setting.
3. Observe the application of technology to achieve the application of adult learning principles.
4. Identify the advantages of a system whereby lectures are formatted for use on the internet and intranet to maximize their educational values.
5. Define the elements of effective presentation strategies.
6. Analyze their own teaching behaviors in terms of the major components through video analysis.
7. Identify areas for improvement in their teaching style and implement these changes in future presentations.

Family & Community Health Grand Rounds (MUJCESOM sponsored):

1. Receive instruction regarding updates in medical topics germane to the scope of family practice.
2. Receive instruction regarding aspects peculiar to the specialty of family practice, including but not confined to: psychosocial, preventive aspects.

Gynecology Conference (MUJCESOM sponsored):

1. Recognize every aspect of benign gynecology and gynecologic pathology.
2. Analyze the newest techniques and procedures in reproductive endocrinology and infertility.
3. Discuss the latest information of the newest treatments and procedures in the field of gynecologic oncology.
4. Evaluate all procedures performed during the previous month and discussions of any problems concerning these procedures.

Lung Cancer Conference (SMMC sponsored):

1. Discuss, review and develop treatment plans for newly diagnosed lung cancer patients.
2. Discuss, review and develop social plan based on newly diagnosed lung cancer patients.

Medical Grand Rounds (SMMC sponsored):

1. Provide didactic instruction in degrees and treatment of internal medicine.
2. Provide clinical procedural instructions in internal medicine.

Norval Carter Memorial Medical Society (SMMC sponsored):

1. Explore various subjects related to the quality of care in the community.
2. Broaden individual knowledge base from exposure to various local, regional and national opinions on current topics related to healthcare.

OBGYN Grand Rounds (MUJCESOM sponsored):

1. Assess new developments and procedures in the field of obstetrics and gynecology.
2. Determine if such developments are germane to his/her practice and implement these changes.
3. Assess impact of new developments in the outcome of their practice.

OBGYN Morbidity & Mortality Conference (MUJCESOM sponsored):

1. Describe and differentiate common high risk obstetrical problems so that practicing physicians will be able to diagnose, treat and triage appropriately.
2. Review perinatal morbidity and mortality statistics.

Oncology Club (SMMC sponsored):

1. Review proper selection of patients for antiplatelet therapy (gender/racial acknowledgement).
2. Review use of Statins in secondary stroke prevention
3. Review combination therapy program for plaque stabilization cerebrovascular disease.

Orthopedic Round Table (Grand Rounds) (MUJCESOM sponsored):

1. Discuss cases that will benefit the group regarding input on treatment options after review of pertinent patient history, physical exam and radiographic studies.
2. Discuss treatment options for difficult orthopedic cases and surgical procedures.
3. Compare treatment options in terms of effectiveness for the following type cases-orthopedic trauma, pelvic fractures, pediatric orthopedic, hand, foot and ankle, joint arthroscopy, arthroscopy, sports medicine, upper and lower extremities.

Pediatric Case Presentations (MUJCESOM sponsored):

1. Identify signs and symptoms of particular pediatric diseases.
2. Explain the disease process to patients and their families.
3. Propose better ways of improving patient health care.

Pediatric Grand Rounds (SMMC sponsored):

1. More effectively diagnose and manage pediatric problems.
2. Recognize & implement new approaches to treatment of pediatric problems.
3. More effectively communicate among the specialties involved with the treatment of children.

Pediatric Journal Club (MUJCESOM sponsored):

1. Identify signs and symptoms of particular pediatric diseases.
2. Explain the disease process to patients and their families.
3. Apply information to improve patient care/health.

Pediatric Residents Lecture (MUJCESOM sponsored):

1. Identify signs and symptoms of particular pediatric diseases.
2. Explain the disease process to patients and their families.
3. Propose better ways of improving patient health care.
4. Provide information to improve clinical knowledge to assist in preparation for Certifying Board Examination.

Pulmonary Conference (MUJCESOM sponsored):

1. Provide knowledge of common and uncommon pulmonary diseases.
2. Permit improvement in problem solving skills in clinical cases.
3. Provide an approach to evaluation of pulmonary processes.

Pulmonary Journal Club (MUJCESOM sponsored):

1. Review publications and data in an analytic manner.
2. Review current medical knowledge in pulmonary medicine as part of the ACGME requirements for Pulmonary Fellowship Training.

Pulmonary Pathology (MUJCESOM sponsored):

1. Identify common pulmonary diseases from pathologic slides.
2. Correlate pathologic, clinical and radiologic data in common pulmonary diseases as part of the ACGME requirements for Pulmonary Fellowship Training.

Pulmonary Research (MUJCESOM sponsored):

1. Become familiar with basic research processes and its principles as it pertains to the clinical setting.
2. Discuss and critically assess research to new therapies.
3. Understand how to interpret and analyze data.

Radiology Conference (SMMC sponsored):

1. Review individual topics or case presentations via x-rays for relevant diagnosis of clinical findings.
2. Review current and new diagnostic steps concerned with radioactive substances, including x-rays, radioactive isotopes, and ionizing radiations, and the application of this information to prevention, diagnosis, and treatment of disease.

Surgical Grand Rounds (MUJCESOM sponsored):

1. Demonstrate ability to review and evaluate literature.

2. **Demonstrate ability to discuss implications of treatment.**
3. **Demonstrate ability to present and discuss presentation of information in a logical and systematic manner.**

Surgical Morbidity and Mortality (MUJCESOM sponsored):

1. **Demonstrate knowledge of technical skills.**
2. **Demonstrate ability to manage surgical disorders.**
3. **Demonstrate the use of critical thinking skills.**

Surgical Rounds (SMMC sponsored):

1. Discuss and evaluate diagnostic methods and alternative treatments.
2. More effectively participate as part of a team (physicians, nurses, social workers, chaplains, dietitians and physical therapists) to improve patient care.
3. Participate in presentations of interesting or difficult surgical cases.

Surgical Science (MUJCESOM sponsored):

1. **Correlate scientific knowledge and research findings to clinical care of patients.**

Tumor Conference CHH (SMMC sponsored):

1. Review and discuss diagnosis and treatment of cancer cases at Cabell Huntington Hospital.
2. Review specific problems in the management of cancer.
3. Recognize and implement a standardized approach to cancer with regard to diagnosis, staging, treatment and follow-up.

Tumor Conference SMH (SMMC sponsored):

1. Discuss and analyze treatment options available for particular cancer cases.
2. Apply recommendations for major cancer sites in regard to diagnosis, staging and treatment.
3. Identify current oncology research and practices (i.e., radiation, surgical and medical) in the delivery of patient care.

Vascular Conference (SMMC sponsored):

1. Discuss the correlation of clinical findings and radiological studies.
2. Review the accuracy of the Doppler/vascular ultrasound readings.