A LIFELONG PROCESS:

Continuing Medical Education
The wide scope of opportunities for continuing medical education -- a lifelong process -- have been portrayed in this cartoon by MSU-COM student Val Johnson.

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Continuing medical education needs survey

COMMUNIQUE "Communique," a newsletter publication of the Michigan State University College of Osteopathic Medicine, is issued 15 times a year through the Health and Medicine Section of the Department of Information Services, A314 East Fee Hall, East Lansing, Michigan, 48824; telephone 517/353-0820. Members of the Editorial Advisory Committee include David Marler, Ph.D. (chairman); Henry Beckmeyer III, D.O.; Francis A. Bernier, Ph.D.; Gordon Spink, D.O., Ph.D.; Robert C. Ward, D.O.; Nancy Houston, B.A. (editor), and Patricia Grauer, M.A. (managing editor). Circulation manager is Mary Palmer. Production is done by Beth Stephens and Connie Burch; photography by Dick Wesley and Eileen Blass. Date of publication of the next issue is Monday, February 9, 1981. Deadline for material to be included in that issue is noon, Wednesday, January 28, 1981.

Michigan State University is an equal opportunity/affirmative action institution.
NEW EMPHASIS IN CONTINUING MEDICAL EDUCATION
AT MSU COLLEGE OF OSTEOPATHIC MEDICINE

In recognition of the growing number of quality continuing medical education programs for osteopathic physicians in Michigan, CME programming at the MSU College of Osteopathic Medicine will have new emphases this year.

"With the burgeoning number of fine CME programs in osteopathic hospitals and the Michigan Center for Continuing Education in Osteopathic Medicine, we're looking at the areas in which the College might uniquely serve the state's physicians," said Sandra Kilbourn, M.A., coordinator for continuing medical education at MSU-COM.

"Examples might include interaction with basic scientists, use of the university libraries and laboratories, and instruction in manipulative therapy through our Department of Biomechanics," she said.

In addition to maintaining the College's commitment to continuing medical education programs with interdisciplinary approaches and "hands on" experience, Kilbourn noted three new areas of approach for CME programs during 1981.

A Day at MSU-COM: Beginning in the summer or fall, volunteer clinical faculty will be invited to participate in a CME program individually tailored to their learning needs. Experiences might include attendance at lectures, workshops in manipulative therapy, use of the simulation learning center and other laboratories, library research and interaction with selected on-campus faculty. Persons interested in this program may indicate so on the questionnaire beginning on page 11 of this "Communique."

Travelling CME programs: "Physicians who live outside the Lansing and southeastern Michigan areas may have a more difficult time than their peers in gaining CME credits because of the travel time involved," Kilbourn said. "Pilot programs are being conducted in three Michigan communities this winter to assess the interest and participation in programs conducted at off-campus sites. If feedback is positive, we hope to develop more cooperative efforts between the hospitals in these areas and the College, she said.

Faculty Education: Inexpensive or free CME courses will be offered full-time faculty and part-time volunteer clinical faculty, who have donated much time to the teaching of osteopathic medical students.

Persons with questions or interest in continuing medical education programs of the MSU College of Osteopathic Medicine should contact Sandra A. Kilbourn, M.A., coordinator for continuing medical education, MSU-COM, A333 E. Fee Hall, East Lansing, Michigan, 48824; phone 517/353-8822.
BRIEFING ON NEW REGULATIONS

The following changes in regulations were noted by MSU-COM CME coordinator Sandy Kilbourn during the last year.

MSU-COM now accredits programs. The College has been granted tentative approval to accredit CME programs by the American Osteopathic Association Committee on Continuing Medical Education. Final approval is anticipated at the Committee's January meeting.

Category 2E expanded. The AOA now includes formal and informal educational activities such as educational development, faculty development, licensing examinations, hospital administration and quality assessment programs under Category 2E. Thirty credits each three years are allowed in this category.

Michigan Board meetings. The Michigan Board of Osteopathic Medicine and Surgery will be meeting less frequently.

"This makes it imperative that all Michigan D.O.s maintain current personal CME files with proof of participation in all activities," Kilbourn said. "Because it will take the Board more time to respond to individual requests, physicians should not wait until the end of their relicensure year to see if they have fulfilled state requirements," she said. The MSU-COM CME office will continue to supply individual certification and process AOA credits for any physician attending a College program.

* * * *

MSU-COM DEPARTMENT OF PEDIATRICS:
A COST-EFFECTIVE CME MODEL

In an era of tight budgets and rising costs, the Department of Pediatrics at MSU-COM annually provides more than 200 CME credits at no charge to the College or participants.

"We have been delighted with the quality and participation in these programs," said Sandy Kilbourn, CME coordinator, "and they are representative of the direction in which the College would like to go."

Two hours weekly the department offers a didactic course in behavioral and basic science for all faculty, residents and specially invited persons. Topics have included review of embryology, infant nutrition, genetics, community medicine, immunology, sports medicine, and behavioral aspects of pediatrics. Presenters are primarily MSU faculty, and the program cycle repeats every two years.

From 10 a.m. to noon on Thursday, open sessions on selected topics in pediatrics are held for faculty, residents, clinicians, clerks and others. Clerks prepare papers and conduct roundtable discussions on assigned topics, which have included collagen disease in children, management of the pregnant teenager, birth control, and treatment of streptococcal disease. These programs emphasize clinical sciences.

In addition to its weekly courses, the department also conducts an annual pediatrics conference, which will be held this year on March 22 at MSU.
WIDE VARIETY OF COURSES HEADLINE CME PROGRAMS FOR 1981 AT MSU COLLEGE OF OSTEOPATHIC MEDICINE

Continuing medical education courses organized at the MSU College of Osteopathic Medicine for 1981 range from rheumatology to pediatric radiology. They include a heavy component of basic and advanced training in manual medicine coordinated by Associate Dean Philip E. Greenman, D.O. The year's schedule includes the following courses.

* * * *

"RHEUMATOLOGY UPDATE" AND "CURRENT PROBLEMS IN GASTROENTEROLOGY"
Saturday, February 7, 1981 - Saginaw Osteopathic Hospital and Saturday, February 21, 1981 - Holiday Inn, Muskegon Heights

Part of the College's effort to take continuing medical education programs to the communities, this joint program on rheumatology and gastroenterology was also held on January 10 at Traverse City Osteopathic Hospital. Other sponsors are Saginaw Osteopathic Hospital and Muskegon General Hospital.

PROGRAM

9:00 a.m. Therapeutic Failure in Rheumatoid Arthritis - Donald H. Briner, D.O., acting chairman and professor, Department of Internal Medicine, MSU-COM

10:15 a.m. Inflammatory Bowel Disease: An Overview - Howard A. Dean, Jr., D.O., assistant professor, Department of Internal Medicine, MSU-COM

11:10 a.m. The Problem of the Seronegative Spondyloarthopathies - Briner

1:00 p.m. Insight into Ascites - Dean

2:00 p.m. Early Recognition of Systemic Lupus Erythematosus - Briner

3:15 p.m. What's New in Peptic Ulcer Disease - Dean

This program has been approved by MSU-COM for six hours of Category I credit.

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"MEDICAL UPDATES ON TOPICS OF CONCERN FOR THE '80s"
Monday, February 23, 1981 through Monday, March 2, 1981 - St. Thomas, Virgin Islands

Sponsored by the MSU-COM Alumni Association, this program includes a varied CME course for practicing physicians coupled with a week in the Virgin Islands.

PROGRAM

Psychiatric Issues in General Practice - Rosemary Havey, D.O., psychiatric resident, Michigan Osteopathic Medicine Center, Inc.


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Children in Sports — To Do or Not To Do? — Kenneth Stringer, D.O., assistant professor, Department of Pediatrics, MSU-COM.


This course has been approved for 20 hours of Category I credit by MSU-COM.

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"STRESS AND ITS EFFECT ON MUSCULOSKELETAL PAIN"
Sunday, March 8, 1981 — Kellogg Center for Continuing Education, MSU

The third annual program to deal with the problem of pain research and control, this course is cosponsored by the Pain Research and Control Institute, Southfield Rehabilitation Center.

PROGRAM

8:00 a.m. Registration

9:00 a.m. Stress — Gail Riegle, Ph.D., professor of physiology and assistant dean for curriculum, MSU-COM

9:50 a.m. Normal Biomechanics — Robert W. Little, Ph.D., chairman, Department of Biomechanics, MSU-COM

10:50 a.m. Effect of Stress on Paraspinal Musculoskeletal Support Systems — Robert C. Ward, D.O., professor of medical education and research, of family medicine, and director of special projects, MSU-COM

12:40 p.m. Biomechanical X-ray Studies to Demonstrate Changes Due to Stress — David Kellam, D.O., chief of radiology, Pontiac Osteopathic Hospital; clinical professor of radiology, MSU-COM

1:10 p.m. Electromyographic Findings in Stress-Related Musculoskeletal Pain — Joseph Vorro, Ph.D., assistant professor of anatomy, MSU-COM

1:40 p.m. Appropriate Laboratory Studies to Measure the Effect of Stress on Glucose Tolerance, Catecholamines, Corticosteroids, Polypeptides, and Endorphins — Allan R. Fox, D.O., assistant professor of pathology, MSU-COM

2:10 p.m. Introduction to Treatment Procedures in Stress-Induced Musculoskeletal Pain Problems — Claude Oster, D.O., medical director, Southfield Rehabilitation Center Pain Research and Control Institute
MONDAY, FEBRUARY 23, 1981

"St. Thomas Adventure," a varied CME program for practicing physicians coupled with a week in the Virgin Islands. Topics include psychiatric issues, an OMT tutorial, culposcopy, innovations in emergency care, cost containment, children in sports and pulmonary function studies. Sponsored by the MSU-COM Alumni Association. Through March 2. Contact Sandy Kilbourn, 517/353-8822. Approved for 20 hours Category I CME credit through MSU-COM.

TUESDAY, FEBRUARY 24, 1981

4 p.m. Pharmacology and Toxicology and Interdepartmental Cardiovascular Training Group seminar: "Is There a Brain Stem Respiratory Oscillator?" by Jack Feldman, Department of Physiology, Northwestern University. B448-9 Life Sciences.

MONDAY, MARCH 2, 1981

4 p.m. Biochemistry seminar: "Non-Invasive \(^{31}\)P NMR and Optical Studies on Large and Small Animals" by Britton Chance, ACS Distinguished Lecturer, Johnson Research Foundation, University of Pennsylvania, Philadelphia. 138 Chemistry.

TUESDAY, MARCH 3, 1981

4 p.m. Pharmacology and Toxicology and Interdepartmental Cardiovascular Training Group seminar: "Membrane Potentials and Sensitivity of Smooth Muscle to Drugs" by William Fleming, Department of Pharmacology and Toxicology, West Virginia University. B448-9 Life Sciences.


SUNDAY MARCH 8, 1981

"Stress and Its Effect on Musculoskeletal Pain," featuring stress as it affects the biomechanics of the neck and low back and its pain manifestations. Contact Sandy Kilbourn, 517/353-8822 for information. Approved for seven hours Category I CME credit by MSU-COM. Kellogg Center for Continuing Education, MSU.

MONDAY, MARCH 9, 1981

4 p.m. Biochemistry seminar: "Regulation of Biological Processes by Protein Phosphorylation" by Edwin G. Krebs, Department of Pharmacology, University of Washington, Seattle. 101 Biochemistry.

MONDAY, JANUARY 26, 1981

4 p.m.  Biochemistry seminar: "Function of the Iron-Sulfur Protein of the Cytochrome-bc1 Complex in Electron Transfer and Energy Conservation" by Bernard L. Trumper, Department of Biochemistry, Dartmouth Medical School. 101 Biochemistry.

4 p.m.  Physiology and Interdepartmental Cardiovascular Training Group Seminar: "Lead, Hypertension and the Renin-Angiotensin System" by Arthur J. Vander, M.D., professor of physiology, University of Michigan. Refreshments at 3:45 p.m. 101 Giltner

TUESDAY, JANUARY 27, 1981

8:15 a.m.  Faculty and Professional Development Program: "Basic Considerations in Visual Communication" by Bruce Miles, coordinator for educational resources, and Kent Sheets, graduate assistant. Topics will include design and preparing copy for slides, diagrams, etc., and also basic considerations of visual communication. Until 10 a.m. RSVP Sharon Rochon, 353-7285. A338 E. Fee Hall.

4 p.m.  Microbiology and Public Health seminar: "Natural Resistance of Man to Trypanosoma brucei — Role of a Trypanocidal Factor in Normal Human Serum" by Mary R. Rifkin, Laboratory of Parasitology, The Rockefeller University, New York. 146 Giltner.


WEDNESDAY, JANUARY 28, 1981

7:45 a.m.  Hematology/Oncology lectures: "Hereditary Coagulation Disorders" by J. Penner, M.D. For information, contact David Decker, 353-9453. B205 Life Sciences.

THURSDAY, JANUARY 29, 1981

1:30 p.m.  Obstetrics and Gynecology seminar: "Prenatal Diagnosis" by Gerald B. Holzman, M.D., and "DIC and Related OB/Gyn Problems" by Jon M. Hazen, M.D. Until 4:30 p.m. Contact Fereshteh Fahimi, 353-4740. A221 Clinical Center.
COMMUNIQUÉ

Please use this form for submission of material for the biweekly College of Osteopathic Medicine Communique.

Items might include achievements and activities of College personnel such as honors and awards, publications, papers, professional offices, and participation in programs and committees.

The form may also be used for items for the Calendar of Events, suggestions for feature stories, updating of programs, and provision of any other information that might be pertinent for publication in the newsletter.

The editors and editorial advisory committee retain the right to edit or exclude any material.

Please print or type, and do not include any information that is more than one month old.

Date of submission

Name ____________________________ Highest degree ____________________________

Position ____________________________

Address ____________________________ Phone ____________________________

CALENDAR ITEMS

Date ____________________________ Time ____________________________

Event ____________________________

Sponsor ____________________________

Location ____________________________

Other information

__________________________

NEWS ITEMS OR FEATURE SUGGESTIONS

PLEASE RETURN TO the Health and Medicine Section, Information Services, A314 East Fee, Michigan State University, East Lansing, MI 48824. For assistance call 517/353-0820.
SATURDAY, JANUARY 31, 1981

8 a.m. "Emergency Treatment of Specific Illnesses," sponsored by Continuing Medical Education Department of Detroit Osteopathic Hospital with a grant from Ayerst Laboratories, McNeil and Upjohn. Application has been made for six CME Category IA credits. Until 2:30 p.m. For information, call 313/252-4923. Detroit Osteopathic Hospital, Highland Park.

MONDAY, FEBRUARY 2, 1981

Michigan Heart Association seminar: "Cardiology for Primary Care Clinicians." Through February 5. For information, contact Eleanor D. Peterson, Michigan Heart Association, Box 160-LV, Lathrup Village, Michigan, 480761; phone 313/557-9500. Boyne Mountain, Boyne Falls, Michigan.

4 p.m. Biochemistry seminar: "Control of Cell Surface Mobility in Lymphocytes" by Elliot Elson, Department of Biological Chemistry, Washington University. 101 Biochemistry.

4 p.m. Microbiology and Public Health and Genetics Program seminar by Lucia Rothman-Denes, Department of Biophysics, University of Chicago. 146 Giltner.

4 p.m. Physiology and Interdepartmental Cardiovascular Training Group seminar: "Brainstem Units with Activity Related to Sympathetic Nerve Discharge" by Susan M. Barman, Ph.D., assistant professor of pharmacology and toxicology, MSU. Refreshments at 3:45 p.m. 101 Giltner.

TUESDAY, FEBRUARY 3, 1981

4 p.m. Pharmacology and Toxicology seminar: "Therapeutic Applications of Choline" by Dean Haubrich, Merck Institute for Therapeutic Research, West Point, Pennsylvania. B448-9 Life Sciences.

THURSDAY, FEBRUARY 5, 1981

"Medical Profiles in Family Practice" through February 8. Program chairman is Sander A. Kushner, D.O., presented by Osteopathic General Practitioners of Michigan. For information, contact Duane Tester, Michigan Center for Continuing Education in Osteopathic Medicine, 313/335-7742. 14 hours CME credit requested. Sugar Loaf Mountain Resort, Cedar Michigan.

7:30 p.m. Student Associate Auxiliary board meeting at home of Gail Tenorio, 1420C Spartan Village, East Lansing.

SATURDAY, FEBRUARY 7, 1981

9 a.m. "Rheumatology Update" by Donald Briner, D.O., and "Current Problems in Gastroenterology" by Howard Dean, D.O., both of MSU-COM. Approved for six hours Category I CME credit by MSU-COM. Contact Sandy Kilbourn, 517/353-8822. Saginaw Osteopathic Hospital.
MONDAY, FEBRUARY 9, 1981

4 p.m. Biochemistry seminar: "Light-Dark Modulation of Enzyme Activity in Chloroplasts: the LEM System" by Louise Anderson, Department of Biological Chemistry, University of Illinois Circle Campus, Chicago. 101 Biochemistry.

4 p.m. Physiology seminar: "Relation of Cholinergic System to Secretion of Pituitary Prolactin and Luteinizing Hormone" by Carlos Galaretta, Ph.D., visiting associate professor, Department of Physiology. Refreshments at 3:45 p.m. 101 Giltner.

TUESDAY, FEBRUARY 10, 1981

4 p.m. Microbiology and Public Health seminar: "Determinants of Cellular Recognition in the Rhizobium-Clover Symbiosis" by Frank B. Dazzo, Department of Microbiology and Public Health, MSU. 146 Giltner.

4 p.m. Pharmacology and Toxicology seminar: "Neuropeptide Receptors in the Gut" by Richard Miller, Department of Pharmacology, University of Chicago. B448-9 Life Sciences.

TUESDAY, FEBRUARY 17, 1981

12 p.m. Pharmacology and Toxicology and Interdepartmental Cardiovascular Training Group seminar: "Participation of the Area Postrema in the Central Regulation of Cardiovascular Function" by Carlos Ferrario, Hypertension Department, Cleveland Clinic. B448-9 Life Sciences.

SATURDAY, FEBRUARY 21, 1981

8 a.m. "Human Sexuality for the Clinical Practitioner — Sexual Attitude Reassessment II," sponsored by the Student Osteopathic Medical Association. Through 5 p.m. February 22. The program will help health professionals examine their own attitudes about sexuality, and help them deal with sexual dysfunction in their clients.

9 a.m. "Rheumatology Update" by Donald Briner, D.O., and "Current Problems in Gastroenterology" by Howard Dean, D.O., both of MSU-COM. Approved for six hours Category I CME credit by MSU-COM. Contact Sandy Kilbourn, 517/353-8822. Muskegon Holiday Inn.
2:20 p.m.  Relaxation Techniques: Biofeedback Demonstration - Patrick Leverty, president, Bio-Medical Instruments, Inc., registered metrologist

2:50 p.m.  Relaxation Techniques: Hypnotherapy - Jude T. Cotter, Ph.D., certified hypnotist, professor of psychology and social science, Oakland Community College

3:20 p.m.  Osteopathic Manipulative Therapy - John E. Upledger, D.O., professor of biomechanics, MSU-COM

3:50 p.m.  Physical Therapy Manipulation - Jim Traylor, B.S., R.P.T., Southfield Rehabilitation Center

Contributors to this program include Merck, Sharp and Dohme, Roche Laboratories, Stimulation Technology, Inc., The Purdue Frederick Company, and Wright and Filippis, Inc. Seven hours of Category I CME credit have been granted by MSU-COM.

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"BASIC MUSCLE ENERGY TUTORIAL"
Monday, March 9, 1981, through Friday, March 13, 1981 - Phoenix (Arizona) General Hospital

The course concentrates on the examination, analysis and treatment of the joints of the spine, ribs and pelvis. Emphasis is on the basic knowledge and skills applicable to physical diagnosis of the musculoskeletal system and the use of isometric techniques to treat somatic dysfunction which can be described at the postural/structural conceptual level.

This course has been approved for 40 hours of Category I CME credit for both D.O.s and M.D.s.

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"PEDIATRIC RADIOLOGY"
Sunday, March 22, 1981 - Kellogg Center for Continuing Education, MSU

The fourth annual professional program sponsored by MSU's Department of Pediatrics, this course is designed to provide the pediatrician with radiologic aspects of athletic injuries and child abuse, and a general review of pediatric radiology.

PROGRAM

7:30 a.m.  Registration

8:00 a.m.  Radiology of Athletic Injuries - Richard White, D.O., assistant professor of radiology, MSU

10:00 a.m.  Pediatric Radiology - Joseph Reed, M.D., Department of Radiology, Children's Hospital of Michigan, Detroit

1:00 p.m.  Pediatric Radiology - Reed

3:30 p.m.  Radiology and Child Abuse - Gerard Breitzer, D.O., assistant professor of pediatrics, MSU-COM

This conference has been partially supported by a grant from the Mead Johnson Company. It is approved for eight hours of Category I CME credit by MSU-COM.

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"MANUAL MEDICINE TO EXTREMITIES"
Tuesday, April 7, 1981, through Thursday, April 9, 1981 - Kellogg Center for Continuing Education, MSU

This course has been approved for 24 hours of Category I credit by MSU-COM for both D.O.s and M.D.s.

* * * * *

"BREAST CANCER"
Saturday, April 11, 1981 - Kellogg Center for Continuing Education, MSU

Cosponsored with the MSU College of Human Medicine, this program covers the subject of breast cancer from its genetics and epidemiology to detection and sophisticated forms of treatment. Some speakers are tentatively confirmed.

PROGRAM

8:00 a.m.  Registration

8:30 a.m.  Genetics of Human Breast Cancer - Henry Lynch, M.D., Creighton University School of Medicine, Omaha, Nebraska

9:00 a.m.  Current Diagnostic Modalities in the Detection of Breast Cancer - Gary P. Jelinek, D.O., Bloomfield Hills, Michigan

10:15 a.m.  Zero-mammography, Scans, Pre-operative Evaluation - John Wolfe, M.D., Detroit, Michigan

10:45 a.m.  Panel of morning speakers

1:00 p.m.  In Vivo Models to Study Developmental Growth and Tumorigenesis of the Human Breast - Clifford Welsch, Ph.D., professor of anatomy, MSU

1:30 p.m.  Surgery - Richard Margolese, M.D., director, Department of Oncology, Department of Surgery, Sir Mortimer B. Davis Jewish General Hospital, Montreal, Quebec

2:00 p.m.  Alternatives to Surgery - William Powers, M.D., chairman of Radiation Oncology Center, Harper-Grace Hospitals, Detroit

2:30 p.m.  Prognostic Factors - Edwin Fisher, M.D., director of laboratories, Shadyside Hospital, Pittsburgh, Pennsylvania

3:00 p.m.  The Role of Radiation Therapy - George Gustavson, D.O., certified in radiation therapy, Highland Park, Michigan

3:30 p.m.  The Role of Adjuvant Chemotherapy in Breast Cancer - Michael McKenzie, D.O., oncologist, Highland Park, Michigan

4:00 p.m.  Hormonal Therapy and Chemotherapy of Advanced Breast Cancer - Silvana Martino, D.O., assistant professor, Department of Oncology, Wayne State University School of Medicine, Detroit

4:30 p.m.  Panel of afternoon speakers

This program has been approved for eight hours of Category I credit for both D.O.s and M.D.s.

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"ADVANCED MUSCLE ENERGY TUTORIAL (DIAPHRAGM AND BELOW)"
Saturday, April 25, 1981 through Wednesday, April 29, 1981 - Kellogg Center for Continuing Education, MSU

This course presents examination, analysis and treatment of the lower extremities, pelvis, abdomen, and lumbar spine. Postural/structural concepts are expanded into functional and integrative analysis. Concepts of stress and adaptation, compensation and joint hypermobility are addressed. Examination and treatment methods are more sophisticated than those presented in the Basic Muscle Energy Tutorial, which is a prerequisite for this course.

Course coordinator is Fred Mitchell, Jr., D.O., professor of biomechanics at MSU-COM. Forty hours of Category I CME credit have been approved for this course for both D.O.s and M.D.s.

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"BASIC PRINCIPLES OF MANUAL MEDICINE"
Monday, June 15, 1981 through Friday, June 19, 1981 - Kellogg Center for Continuing Education, MSU.

This is a five-day intensive course in the fundamentals of manual medicine, including lectures, demonstrations, and small group practice sessions. Content includes the spine, pelvis and extremities, and practical application is emphasized. The program is sponsored by MSU-COM, MSU College of Human Medicine, and the North American Academy of Manipulative Medicine.

PROGRAM

Monday
Overview of Manual Medicine - John Mennell, M.D., past president, North American Academy of Manipulative Medicine and noted author of multiple texts on manipulative medicine
Learning Psychomotor Skills - Myron Beal, D.O., professor of biomechanics, MSU-COM
Spinal Anatomy Overview - Paul Kimberly, D.O., Steunenberg Professor and chairman of the Department of Osteopathic Theory and Methods, Kirksville College of Osteopathic Medicine, Kirksville, Missouri
Screening Exam Musculoskeletal System - Beal
Anatomy: Wrists, Elbows, Fingers - Kimberly
Joint Play - Mennell
Upper Extremities: Wrists, Elbows, and Fingers - Mennell

Tuesday
Layer Palpation - Philip E. Greenman, D.O., associate dean, MSU-COM, and professor of biomechanics, MSU-COM
Essentials of Structural Diagnosis - Beal
Anatomy of Thoracic and Lumbar Spine - Kimberly
Vertebral Motion - Greenman
Anatomy of Shoulder - Kimberly
Upper Extremities: Shoulder - Mennell

Wednesday
Concept of Resistant Barrier - Kimberly
Principles of Soft Tissue and Articulatory Technique - Beal
Thrusting Technique (Thoracic Spine) - Bourdillon
Thrusting Technique (Lumbar Spine) - Bourdillon
Trigger Points: Disease and Treatment - Mennell

(more)
Thursday
Manipulative Prescription - Greenman
Pelvic Anatomy - Kimberly
Sacral Disease and Treatment: Indirect Technique - Beal
Anatomy: Foot and Ankle - Kimberly
Lower Extremities: Foot and Ankle - Mennell

Friday
Anatomy of Cervical Spine - Kimberly
Soft Tissue and Articulatory Technique: Cervical Spine - Beal
Muscle Energy Technique: Cervical Spine - Greenman
Anatomy: Hip and Knee - Kimberly
Hip and Thigh Restriction - Greenman
Lower Extremities: Hip and Knee - Mennell
Summary panel

This program has been approved for 40 hours of Category I CME for both D.O.s and M.D.s.

"TUTORIAL ON DIRECT ACTION THRUSTING TECHNIQUE"
Monday, August 24, 1981 through Friday, August 28, 1981 - Kellogg Center for Continuing Education, MSU

Faculty for this course include:
Philip E. Greenman, D.O., associate dean and professor of biomechanics, MSU-COM
Paul Kimberly, D.O., Steunenberg Professor and chairman of the Department of Osteopathic Principles and Practice, Kirksville College of Osteopathic Medicine
Fred Mitchell Jr., D.O., professor of biomechanics, MSU-COM

This course has been approved for 40 hours of Category I CME credit for both D.O.s and M.D.s.

* * * *

"THIRD ANNUAL ALUMNI SCIENTIFIC SYMPOSIUM"
(in conjunction with MSU/Illinois football)
Friday, September 11, 1981 and Saturday, September 12, 1981 - Kellogg Center for Continuing Education, MSU

Open to any interested person, this program combines a banquet, football game and other social activities with approximately six hours of continuing medical education courses. Program and speakers will be determined at a later date.

* * * *

"TUTORIAL ON CRANIOSACRAL TECHNIQUE"
Monday, October 26, 1981 through Friday, October 30, 1981 - Kellogg Center for Continuing Education, MSU

The course will cover techniques of manipulative therapy for use on the craniosacral system. Coordinator is John Upledger, D.O., professor of biomechanics, MSU-COM. The course has been approved for 40 hours Category I CME credit for both D.O.s and M.D.s.

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"BASIC PRINCIPLES OF MANUAL MEDICINE"
Monday, December 14, 1981 through Friday, December 18, 1981 - Kellogg Center for Continuing Education, MSU

This course is a repeat of the program listed for June 15-19, 1981.
It has become increasingly important that providers of continuing medical education meet the needs of their constituents with optimum efficiency. Thus, the Michigan State University College of Osteopathic Medicine Office of Continuing Medical Education would greatly appreciate your taking the time to fill out and return this questionnaire to Sandra Kilbourn, A333 E. Fee, MSU-COM, East Lansing, Michigan 48823.

QUESTIONNAIRE

1. Are you (some may need to circle more than one)
   a) on-campus faculty
   b) adjunct college faculty
   c) in private practice
   d) MSU College of Osteopathic Medicine alumnus or alumna
   e) other __________________________

2. How long have you been licensed? ___________________ years.

3. Have you ever attended MSU-COM continuing medical education programs?

   ____________________________________________

4. If so, what is your primary reason for taking CME programs at MSU-COM?
   a) CME credits
   b) upgrading of skills
   c) professional contacts
   d) other

   ____________________________________________

5. How many MSU-COM CME programs did you attend in 1980? __________
   Which programs? (general content will suffice) _________________________

   ____________________________________________

6. If you did not take any MSU-COM CME courses in 1980, but had taken them in previous years, what are your reasons for discontinuing?

   ____________________________________________

   ____________________________________________

   ____________________________________________

   ____________________________________________
7. Did the courses taken at MSU-COM meet your expectations? _____
(Please Explain).

8. What teaching methods would you prefer?
   a) lecture
   b) small group process
   c) laboratory experience
   d) simulated patient
   e) real patient contact (i.e., grand rounds)

   If you feel that two or more of these should be combined as the best teaching process, then check the appropriate combinations.

9. If MSU-COM offered off-campus courses, what location would you prefer?

10. If a "Day at MSU-COM" (as described in this "Communique") were implemented, what types of activities would be most beneficial to you in improving your clinical skills?

11. What is your preference for the day or days of the week programs are scheduled?

12. What is your preference for length of time of programs?

13. What courses would you like to have offered in the future?