



BASIC CLINICAL SKILLS

Audiovisual Resources Available in the
Medical Education Media Center

Rm. M2-C04A, ph. 235-1864, 235-1832

Bates' Visual Guide to Physical Assessment: Student Set on CD-ROM; 2009 AV MR 08:01 19 CD-ROMs;

CONTENTS:

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Beyond Heart Sounds: The Interactive Cardiac Exam John Michael Criley, MD, Harbor-UCLA Medical Center; Lippincott Williams & Wilkins Computer Software, 1 CD-ROM, Win; AV MR 07:13

SUMMARY: Beyond Heart Sounds features ten case studies with interactive videos and stethoscopic recordings of patients filmed in actual clinical settings, including hospitals, intensive care units, and outpatient clinics. The videos enable the user to integrate sight and sound to determine the timing and location of sounds and murmurs, as well as the character and timing of pulsations visible in the neck and chest. Videos are supplemented with patient histories, electrocardiograms, chest x-rays and, where appropriate, special diagnostic studies, and radiology, consistent with the "five fingers" approach to cardiac diagnosis. "The program supplies answers, reviews, and tutorials. The "sound builder" function displays a list of heart sounds to study independently of the cases. Beyond Heart Sounds" complements Dr. Criley's CD-ROM, "Physiological Origins of Heart Sounds and Murmurs," with clinical training and testing that will teach physicians to recognize and correctly identify cardiac disease. ("Physiological Origins of Heart Sounds and Murmurs" is also in our collection, call number MR 04:84).

Breast Self-Examination Simulator [Simulator Model] Gaumard Scientific AV DM 02:09

SUMMARY: 1 Breast self-examination simulator model + key;

Clinical Examination with Standardized Patient: Training Video Segments – In Development; UMKC lecture online in Development Emran Rouf, M.D. [Project Director] and Erika Pontius [Coordinator] ; University of Missouri-Kansas City [UMKC], School of Medicine NOTE:

Recorded Disclaimer: This is an reenactment of a set of SP encounters for teaching purposes. Both the student and the SP have given permission to use the taped sessions for teaching purposes only.

SUMMARY:

Clinical Skills Survival Guide - Book and DVD Guide to Success in the Clinical Skills Exam [DVD-ROM] Lori Siegel; Mosby / Elsevier Medical Publishing Computer software, 1 DVD-ROM (PC or TV use) + text; AV MR 06:9

NOTE: Lori Siegel, MD, FACP, FACR, Director, Education and Evaluation Center; Assistant Dean, Education; Professor of Medicine; Chief, Division of Rheumatology; Rosalind Franklin University of Medicine and Science; Chicago Medical School; North Chicago, Illinois;

SUMMARY: The USMLE [Step 2] Clinical Skills exam is based on simulated patient encounters. This is the only review set for the exam that emphasizes the exam process rather than specific facts. The DVD-ROM (also plays on TV) provides clinical scenarios and examples of correct and incorrect behaviors to hone clinical skills. The DVD is organized as follows: The DVD is divided into 4 case scenarios: The first 3 scenarios are inappropriate examples of the clinical exam/communications: Scenario 1 - Presentation of Abdominal Pain (Maureen Buchanan); Scenario 2 - Presentation of Headache (Cheryl Henderson); Scenario 3 - Presentation of Chest Pain (Ben Cavanaugh); The 4th scenario presents the appropriate overview of the physical exam/communication: Scenario 4 - Presentation of Chest Pain (the proper approach) Additional Scenes – Provides individual components of the appropriate physical exam/communication as follows: 1. Proper Entrance & Examination; 2. Proper Body Language & Eye Contact; 3. Asking Difficult Questions about Behavior Risks; 4. Taking a Sexual History; 5. Preparing Patient for the Physical Exam; 6. Communication of Assessment & Plan; The text covers the history of the clinical skills exam and the use of standardized

patients. It provides guidance on the essential elements of the exam - history taking; physical examination; and communication skills. It outlines how to prepare for the exam as well as proper conduct during the examination.

Diagnostic Prostate Trainer [Simulator Model] Limbs and Things AV DM 02:10 4 copies

Diagnostic Prostate Trainer Models, each with 5 interchangeable prostates & guide;

SUMMARY: This physical exam simulation model has an anus and rectum mounted within a buttock shape presented in the left lateral position for clinical digital examination of the prostate. It allows for procedural skills training for rectal examination. There are five interchangeable prostates: normal, bilateral benign, unilateral benign, bilateral carcinoma, and unilateral carcinoma.

Essentials of Musculoskeletal Care, 4th Edition John F. Sarwark; American Academy of Orthopaedic Surgeons; American Academy of Pediatrics 1 DVD-ROM; textbook 3 copies

The NEW 4th edition and DVD Supplement bring you: Completely updated and expanded text. Enhance recovery with detailed instructions and exercises for your patients on personalized, printable forms. More videos! Including all new, step-by-step physical examination instructions. Sharpen your techniques! Online access to the complete text and printable physical examination instructions. Start where it hurts. Essentials will guide you from there! Fast Answers: Essentials problem/solution format and concise content deliver the information you need quickly and easily. Visual Confirmation: Hundreds of photographs, radiographs, and diagrams show you what to look for. Narrated, video demonstrations show you injection and physical examination techniques

Confident Decision Making: Diagnostic thinking flows logically and efficiently. Each section reflects the patient care process: Definition; Symptoms; Tests; Differential Diagnosis; Treatment; Adverse Outcomes; Referral Decision; Red flags

Multidisciplinary Perspective: The best minds in pediatrics and orthopaedics bring you this 4th edition. Essentials of Musculoskeletal Care is a powerful clinical resource for primary care physicians and every member of the musculoskeletal care team.

EVA Pelvic Teaching Model [model] Simulaids AV DM 14:6

SUMMARY: This model is designed to facilitate the teaching, demonstration, and practice of IUD insertion and removal as well as assisting students in performing a pelvic examination. The EVA model permits students to practice a variety of family planning and gynecological procedures including:

Abdominal palpation

Speculum insertion and removal

IUD insertion and removal (includes tenaculum placement on cervix and uterine sounding)

Bimanual and rectovaginal examination for:

Comparative evaluation of the size, shape and position of a normal, enlarged (pregnant) and fibroid uteri

Identification of an adnexal or fecal mass

Identification of normal and abnormal cervixes (polyp and carcinoma)

Materials: Normal cervix (for IUD insertion/removal) (1)

Normal parous cervix (1)

Cervix with ectopic characteristics (1)

Cervix with endocervical polyp (1)

Cervix with neoplasia (carcinoma) (1)

Normal uterus (transparent for IUD insertion/removal) (1)

Pregnant uterus (10 week size) (1)

Fecal mass (1)

Uterus with Leiomyomata (fibroids) (1)

Adnexal Mass (2)

Female Pelvic Examination Simulator [Simulator Model Medisim Corp.; Orangeville, Ontario, Canada

Female Pelvic Examination, Simulator Model, encased in clear plastic; 2005 AV DM 08:06 2 copies

USE NOTE: K-Y JELLY MUST BE UTILIZED WITH SPECULUM OR MANUAL MANIPULATION ; PUBLICATION NOTE: This pelvic examination simulator model was developed with Canadian government funded with the Benign Uterine Condition Initiative. A collaboration between The Ontario College of Family Physicians, University of Toronto, University of Ottawa, University of Western Ontario a number of top teaching physicians and the Medisim Corporation;

SUMMARY: The model is a body cast soft silicone with anatomically correct Vagina, cervix, uterus, and vaginal and uterine attachments. The model can be placed in anteverted, retroverted, and axial positions. Bimanual palpation, Pap smear, pessary fitting and endometrial biopsy (with specimen collection) and I.U.D. insertion can all be performed. The external and internal os can be felt as you pass through them. The model has a Mainpro C Rating and has been implemented into most of the major teaching University sites in Ontario. The BUC website can be viewed at:

www.benignuterineconditions.ca

Fibrocystic Breast Model [Simulator Model] Health Edco 2 copies AV DM 93:03

SUMMARY: 1 breast examination simulator models, in container; lump location key;

Life/form® Testicular Exam Simulator: Tumor Location Guide [Simulator Model] Nasco AV DM 02:11 5 copies

SUMMARY: Self-examination of the testicles is just as important as self-examination of the female breasts for early detection of tumors.

Providing exceptional realism, this simulator features soft, thin outer skin with delicate underlying structures and four embedded, simulated tumors. Ideal for teaching proper palpation techniques. Simulator comes with baby powder, laminated tumor location and simulator care card, Male Self-Exam brochure, and storage box.

MacLeod's Clinical Examination: 12th edition [DVD, text] 2009 AV DV 10:16 copy 1 Churchill Livingstone / Elsevier Publishers 1 DVD, 1 text; 4 copies

SUMMARY: The book is written by a team of editors and contributors who are all active clinicians and experts in their specialist fields. It provides a clear description of the fundamental skills of patient evaluation and examination and provides the practical skills which every clinician must acquire and develop in order to evolve diagnostic procedures and management strategies and plans. A particularly good learning tool within the book is the patient examples at the end of each examination section. A run through of what to examine in a specific case is given in a step by step format. The systematic examination section documents clearly the relevant history, examination and special investigations as well as giving advice on their significance. The DVD contains over two hours of specially-recorded videos demonstrating many clinical examination routines following the outline described in the main text. A new chapter on the Examination of the Eye, previously incorporated into the examination of the neurological system is included. Two new chapters focus on specific situations: Pre-operative Assessment looks at the examination required of a patient prior to sedation and anesthesia, and the Examination to confirm death.

The MammaCare Clinical Learning System [breast examination kit with 3 models and videotape] [Simulator Model] Mammatech Corporation Breast examination simulator models (set contains 3 breast models), VHS video (55 min.), booklet; AV DM 04:01 manual examination of the breast. The "MammaCare" method of CBE (Clinical Breast Examination) provides the tactile training needed for the palpation and search procedure designed to enhance the sensitivity of the clinician's fingers in the detection of abnormalities. A description of each item in the "Clinical Learning System" kit is listed below:

1. Combination Teaching Model (#TM-NLD-T): A basic model used in the teaching of MammaCare BSE and CBE. It is a transparent hemispheric model divided in half. One side simulates nodularity-free tissue, the other simulates nodularity and granularity. The model contains lumps of varying size, hardness, and movability. Lump sizes range from 3mm to 10mm.
2. Clinical Practice Model - Soft (#CPM-S): A tactually accurate opaque breast model that contains small, simulated tumors surrounded by complex nodularity. It is used to refine palpation and search techniques. This one simulates soft breast tissue.
3. Clinical Practice Model - Firm (#CPM-F): A tactually accurate opaque breast model that contains small, simulated tumors surrounded by complex nodularity. It is used to refine palpation and search techniques. This one simulates firm breast tissue.
4. Instructional video (55 min.) – This video guides the clinician through step-by-step exercises, first on the models and then on breast tissue. The Instructional video gives special attention to techniques of patient positioning to maximize thoroughness of search examination.

The MammaCare Lump Discrimination Teaching Model (Breast examination) [Simulator Model] Mammatech Corporation AV DM 04:02
SUMMARY: Lump Discrimination Teaching Model* (TM-LD-O): A hemispherical model with transparent skin and lumps of varying size, hardness and movability embedded against normal nodularity. Lump sizes range from 3mm to 1.0cm in diameter. It is the same as TM-LD-T but with opaque skin and clear back.

The MammaCare Nodularity Discrimination Teaching Model [Breast examination model] [Simulator Model] Mammatech Corporation AV DM 04:03

SUMMARY: Nodularity Discrimination Teaching Model* (TM-ND-T): A hemispherical model divided in half--one side simulates nodularity-free tissue, the other normal nodularity and granularity.

The MammaCare Standard UNC Breast Model Evaluation Series [6 breast examination testing models developed for the University of North Carolina] [model] AV DM 04:8 (A - F)

6 breast examination simulation models, 6 plastic grids to locate lumps on the transparent back of each model, MammaCare Post-tests, Faculty Instruction booklet.

SUMMARY: A series of six models originally designed and used at the University of North Carolina for evaluating lump detection proficiency. This standardized series is used for evaluating clinical breast examinations skills in training settings. Required to conduct certification examinations in MammaCare Clinical Breast Examination.

Mosby's Primary Care Procedures: Gynecologic Procedures and Women's Health Robert S. Wigton, Thomas G. Tape ; Mosby AV MR 04:46 2 copies

SUMMARY: Learn common gynecologic procedures that are performed in the clinical setting with this CD which guides you through patient examination, preparations and procedures. Detailed life-like animations illustrate key anatomic and clinical principles with rotation of three-dimensional animations for enhanced views. Includes: Pelvic exam and Pap smear, endometrial biopsy, colposcopy, aspiration of breast nodule, examination of vaginal secretions and others.

Normal Breast Exam Model [Simulator Model] Health Edco AV DM 93:02

SUMMARY: 1 normal breast examination simulator models, in container.

Pediatric Physical Assessment, Part 1 [DVD] Health Education and Training AV DV 13:19 1 DVD; 25:35 min.;

SUMMARY: An essential part of preventive pediatric medicine is a complete and thorough physical assessment. Pediatric Physical Assessment Part 1 covers the evaluation of external body functions, including assessing physical growth and observing general appearance of the whole person. After completing this course, the learner should be able to: Explain the issues to consider when performing a physical examination of a child. Perform the necessary steps to acquire and record the patient's health history. Identify key areas to assess the pediatric patient's general appearance. Describe the elements necessary to accurately assess the pediatric patient's growth.

Pediatric Physical Assessment, Part 2 [DVD] Health Education and Training AV DV 13:19 (2) 1 DVD; 29:07 min.;

SUMMARY: An essential part of preventive pediatric medicine is a complete and thorough physical assessment. Pediatric Physical Assessment Part 2 covers the examination of internal body functions, including the chest and lungs, heart, abdomen, musculoskeletal system and neurological system. The course presents a systematic step-by-step process for performing a complete internal physical exam on a preschool-age child.

Textbook of Physical Diagnosis: History and Examination, 5th Edition [DVD-ROM] Mark H. Swartz [et. al]; Saunders Pub.; distributed by Elsevier NOTE: The DVD-Rom contains videos which accompanies the text;

SUMMARY: The 5th edition of this humanistic text has been updated to reflect the most current standards of physical diagnosis. Its core philosophy approaches the patient as a person suffering from disease, rather than an entity in which disease manifests. The DVD- ROM provides a video demonstration of the complete physical examination of a man and the breast and pelvic examinations of a woman. Students may elect to view the video as it is organized, by system, or watch the entire physical examination. The 5th edition also has the pediatric physical examination and the geriatric interview on the DVD menu. The geriatric interview includes 3 options: 1.) Advance Directives Discussion with Patient; 2.) Alzheimer's Scenario/Interview; 3) Giving Bad News Scenario (Discussing diagnosis of breast cancer). The menu selection is as follows: Vital Signs, Head & Neck, Posterior Chest, Anterior Chest, Abdomen, Peripheral Vascular System, Male Genitalia, Rectum, Nervous & Musculoskeletal System, Female Breast and Female Genitalia, Pediatric Exam, Geriatric Interviews.

The Virtual Cardiac Patient: A Multimedia Guide to Heart Sounds and Murmurs [CD-ROM] Jonathan Keroes, MD and David Lieberman; Lippincott Williams & Wilkins Computer Software, 1 CD-ROM, Win/Mac, [Headphones Suggested, not required]; AV MR 07:12

SUMMARY: This multimedia CD-ROM is a tool for developing cardiac auscultation skills. It contains computer simulations of 28 abnormal heart sounds along with visual representations of the sounds (phonocardiograms), electrocardiograms and pressure tracings for each condition, and animated cartoons showing the anatomic and Doppler flow abnormalities. Users can listen to each auditory heart sound while viewing graphic material that helps identify the abnormality. On-screen controls allow users to selectively listen to portions of the heart sound cycle-S1, S2, systole, or diastole. Abnormalities include: angina pectoris, aortic regurgitation, aortic stenosis, mitral regurgitation, mitral stenosis, mitral valve prolapse, pericarditis, primary pulmonary hypertension, teratology of Fallot, ventricular septal defect and more. Waveforms may be printed by pulling down the "file" option on the tool bar. The program also includes a quiz mode. When using this CD-ROM, headphones are suggested for detail but they are not necessary to hear the program.