

Revitalizing Physical Diagnosis: Tools for Teaching Residents and Faculty
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GENERAL PHYSICAL EXAMINATION SITES

✓ University of Washington Department of Medicine: Advanced Physical Diagnosis
<http://depts.washington.edu/physdx/index.html>

- 5 modules: heart sounds & murmurs, liver & ascites, neck veins, pulmonary, thyroid.
- Each module contains well-illustrated techniques in physical diagnosis as well as audio and visual demonstrations.
- Each module also contains helpful evidence-based medicine facts, including likelihood ratios, sensitivity and specificity data for various physical diagnostic tests.
- Epidemiology glossary is complete and well-explained.

✓ Ohio State University: Interactive Guide to the Physical Exam
<http://medicine.osu.edu/exam>

- 8 modules: head & neck, thorax & lungs, cardiovascular, abdominal, musculoskeletal, neurological, male genitalia, female genitalia.
- Very engaging, with lots of video clips and multi-media elements.
- Demo is available free on-line; the full tutorial costs \$30.

University of California, San Diego: A Practical Guide to Clinical Medicine
<http://medicine.ucsd.edu/clinicalmed>

- A comprehensive physical examination site (over 25 modules) with multiple links to gross anatomy pictures, but no other multi-media elements.

Online Physical Exam Teaching Assistant – University of Florida
<http://medinfo.ufl.edu/other/opeta/index.html>

- 8 modules that demonstrating physical examination techniques on patients
- Designed for medical students
- Requires QuickTime

Connecticut Tutorials Physical Examination Video – UConn Health Center
<http://www.conntutorials.com/video.html>

- 9 modules in which expert faculty are videotaped performing a particular aspect of the physical examination

Clinical Skills Online – St. George's University of London
<http://www.elu.sgul.ac.uk/cso/>

- 13 modules in which faculty are videotaped performing either a particular aspect of the physical examination or a basic procedure

A Visual Guide to the Physical Examination – California State University
<http://sohstream.csudh.edu/netmedia/content/AVisualGuidetoPhysicalExamination.aspx>

- 12 well-organized modules demonstrating physical examination techniques in a series of mini-videos.

AUSCULTATION SITES

University of California, Los Angeles: Auscultation Assistant

<http://www.med.ucla.edu/wilkes/inex.htm>

- An excellent site that focuses on listening to physiologic and pathologic heart and lung sounds, complete with a well-written text.

✓ The R.A.L.E Repository

<http://www.rale.ca/>

- The Repository is free and provides a collection of digitally recorded lung sounds in health and disease
- Respirosonogram offers a visual representation of the lung sound recording
- R.A.L.E Lung Sounds must be purchased (\$49 for individual use). It offers more than 50 actual recordings of respiratory sounds in health and disease covering all age groups. The quiz section presents an additional 24 clinical cases.

✓ McGill Virtual Stethoscope – McGill University

<http://sprojects.mmi.mcgill.ca/mvs/mvsteth.htm>

- A tutorial with emphasis on auscultation

OTHER RESOURCES

American College of Physicians

<http://www.acponline.org/public/bedside/index.html>

- A comprehensive annotated bibliography of literature on physical examination and interviewing, organized by subject and author

✓ An Interactive Guide to the Neurologic Exam

<http://www.neuroexam.com/>

- Offers over 70+ mini-videos on the complete neuro exam.
- Requires installation of Realplayer; the video quality is not excellent
- Accompanies the textbook: *Neuroanatomy through Clinical Cases* by Hal Blumenfeld, MD, PhD

JAMA: Rational Clinical Exam Series

- Provides a systematic review of the evidence about a physical exam or procedure in the context of a patient scenario.

New England Journal of Medicine Online: Videos in Clinical Medicine

- Peer-reviewed videos that teach procedures requiring skilled techniques and specialized physical examination
- Videos include: lumbar puncture, nasogastric intubation, thoracentesis, arthrocentesis of the knee, paracentesis, placement of an arterial line, male urethral catheterization.

✓ Catalog of Clinical Images – University of California, San Diego

<http://medicine.ucsd.edu/Clinicalimg/browse.html>

- This site is a visual educational resource dedicated to providing pictures that are representative of common and uncommon physical exam findings

Catalog of Dermatology Images: <http://www.dermis.net>