



# HEART AND LUNG SOUNDS

*A listing of materials available at the Justice Institute Library*

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## AUDIO CDs

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**Auscultation Skills: Breath & Heart Sounds.** Philadelphia: Wolters Kluwer/Lippincott Williams & Wilkins Health. (RC 76.3 A97 2010)

This book with audio CD package offers full coverage of heart and breath sounds from the simple to the complex. It provides a comprehensive text explaining heart and breath sound fundamentals including basic anatomy and physiology, best auscultation locations, tips on how to identify each sound, and what to document. The audio-CD feature 46 tracks of breath sounds and 50 tracks of heart sounds which can be listened to sequentially with the book or reviewed by the reader in the order of her choosing.

**Breath Sounds Made Incredibly Easy!** Ambler, PA: Lippincott Williams & Wilkins. (RC 734 A94 B74 2005)

This book and audio disc provide the information and tools to hone auscultation skills and put them into practice. They provide fundamentals such as anatomy, physiology, and assessment of the respiratory system and normal breath sounds. They cover abnormal breath sounds from bronchial sounds to adventitious breath sounds. They also cover respiratory system disorders, including causes, pathophysiology, signs and symptoms, diagnostic tests, treatments, and interventions.

**Evaluating Heart & Breath Sounds.** Philadelphia: Lippincott Williams & Wilkins. (RC 683.5 A9 N87 2008)

Offers how-to guidance on the latest techniques for evaluating heart and breath sounds. The book is written in paragraph and bulleted format, with numerous illustrations and flow charts. It offers expert tips on where to listen with the stethoscope, how to differentiate sounds, what technique works best, and how to evaluate findings. It also presents real-life emergent scenarios, showing what the nurse heard and how the rapid response team intervened to avert crisis. It also offers guidelines on age-specific differences in sounds and assessment techniques. An accompanying audio CD contains over 80 heart sounds and over 60 breath sounds, keyed to the text.

**Fundamentals of Lung and Heart Sounds.** by Robert L. Wilkins, John E. Hodgkin, and Brad Lopez. St. Louis: Mosby. (RC 734 A94 W54 2004)

Accompanying audio disc presents examples of normal and abnormal lung and heart sounds that can be heard during chest auscultation, including the lung and heart sounds for the case studies described in ch. 8 of the book.

**Heart Sounds and Murmurs: Across the Lifespan.** by Barbara Erickson. St. Louis, Mo.: Mosby. (RC 683.5 A9 E73 2003)

Explains how to identify and interpret normal and common abnormal heart sounds. Each sound is simulated on the accompanying audiocassette tape. All major concepts of cardiac auscultation are clearly and completely defined, proceeding from the simple to the complex.

**Heart Sounds Made Incredibly Easy.** Ambler, PA: Lippincott Williams & Wilkins.  
(RC 683.5 A9 H436 2005)

This book and audio disc provide the information and tools to hone auscultation skills and put them into practice. They provide fundamentals such as anatomy, physiology, and assessment of the cardiovascular system and normal heart sounds. They cover abnormal heart sounds from S3 and S4 to murmurs and prosthetic valve sounds. They also cover cardiovascular disorders, including causes, pathophysiology, and signs and symptoms.

**Understanding Lung Sounds.** by Steven Lehrer. Philadelphia, Pa.: W.B. Saunders.  
(RC 734 A94 L43 2002)

The 60-minute audio CD presents actual lung sounds that teach how to interpret, differentiate, and identify both normal and abnormal lung sounds. The book expands the content in the CD with visual reinforcement for better understanding of the sounds.

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**AUDIOTAPES**

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**Littman Student Accessory Kit.** London, Ont.: 3M Health Care Products and Services Division.  
(RC 734 A94 L587 1998)

The objectives of this module are to enable the student to describe the procedure for auscultation of the lungs; describe and differentiate between normal and abnormal lung sound; correctly identify adventitious lung sounds; and describe the difference between bronchophony, whispered pectoriloquy and egophony.

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**CD-ROMs**

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**Auscultation Skills: Breath & Heart Sounds (CD-ROM)** Ambler: Lippincott Williams & Wilkins.  
(RC 76.3 A97 2006)

Offers thorough training in recognizing and differentiating among abnormal breath and heart sounds. Two audio CDs provide 74 examples of breath sounds and 87 examples of heart sounds; a comprehensive text with over 200 illustrations explains breath and heart sound fundamentals, including anatomy, physiology, best auscultation sites, tips for identifying each sound, and documentation pointers.

**Delmar's Heart & Lung Sounds CD-ROM for the EMS Provider (CD-ROM)** Albany, N.Y.: Delmar Thomson Learning. (RC 683.5 A9 D443 2002)

This learning tool helps users identify and interpret both normal and abnormal heart and lung sounds. It contains an extensive library of normal and abnormal heart and lung sounds for reference; an eight-part heart sounds module including the cardiac cycle, auscultation, S1 S2, splits, systolic sounds, diastolic sounds, murmurs and rub and valve sounds; a five-part lung sounds module with normal, abnormal, adventitious, voice sounds and auscultation; and an EMS overview featuring street sounds normally encountered by EMS providers which tests the ability to recognize heart and lung sounds under these conditions.

**Prentice Hall Heart and Lung Sounds (CD-ROM)** Saddle River, NJ: Pearson Prentice Hall.  
(RC 683.5 A9 P74 2007)

Helps you master recognizing and diagnosing heart and lung sounds via multiple presentation styles. Each CD-ROM section presents an audio introduction for each sound and a graphic depiction of the sound wave. The sounds can be stopped, started and replayed at will.

**Understanding Heart Sounds and Murmurs: With an Introduction to Lung Sounds** (CD-ROM)  
by Ara G. Tilkian and Mary Boudreau Conover. Toronto: Saunders. (RC 683.5 A9 T54 2001)

This book and CD-ROM discusses and demonstrates the mechanisms of heart sounds, murmurs, and cardiac impulses, as well as the methods of eliciting physical signs by auscultation and palpation. On the disk normal heart sounds are repeated for comparison before the introduction of each new abnormality.

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**DVDs**

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D763      **Cardiovascular System** (DVD, 36 minutes)

Provides direction on how to do a physical assessment of the neck vessels and heart, including health history taking, anatomy, examination and recommended tests and tips. (Lippincott Williams & Wilkins; Distributed to B.C. post-secondary institutions by Advanced Education Media Acquisitions Centre) (RC 76 B52 2005 vol. 4)

D762      **Thorax and Lungs** (DVD, 22 minutes)

Provides direction on how to do an assessment of the thorax and lungs, including health history taking, anatomy, examination and recommended tests and tips. (Lippincott Williams & Wilkins; Distributed to B.C. post-secondary institutions by Advanced Education Media Acquisitions Centre) (RC 76 B52 2005 vol. 3)

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**VIDEOS**

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V574      **Assessing Breath Sounds** (video, 30 minutes)

Teaches the viewer how to recognize, describe and document normal and abnormal breath sounds, including adventitious sounds. Also describes the physiological basis of breath sounds. (Springhouse) (RC 734 A94 A873 1988)

V596      **Assessing Chest Pain** (video, 30 minutes)

Using special effects, this video identifies the common causes of chest pain and shows the pathophysiology that causes the pain. It also demonstrates how to obtain a thorough pain history and perform a good physical assessment. (Springhouse) (RC 941 A873 1989)

V573      **Assessing Heart Sounds** (video, 30 minutes)

Teaches the viewer how to recognize, describe and document normal and abnormal heart sounds, including murmurs. Also describes the physiological basis of heart sounds. (Springhouse) (RC 683.5 A9 A874 1988)

V1423      **The Lungs** (video, 26 minutes)

Details the baseline assessment of the lungs starting with a description of the physical structure of the thoracic cavity. The program then details the methods of assessment: inspection to assess respiration rate and rhythm and to evaluate thoracic symmetry, shape and contour; palpation to assess thoracic shape, symmetry, respiratory excursion and tactile fremitus; percussion to check for consistency of lung tissue and diaphragmatic excursion; and, auscultation to evaluate air passages and to detect ventilation impairments. Demonstrates normal and abnormal breath sounds. (Medical Audio Visual Communications) (RC 733 L854 1985)

V675           **Physical Examination of the Chest** (video, 45 minutes)  
Demonstrates the physical examination of a patient with signs of pulmonary dysfunction. Covers inspection, palpation, percussion and auscultation. Includes examples of normal and abnormal lung sounds. (W.B. Saunders) (RC 76.3 P484 1989)

V1079           **Respiratory System** (video, 30 minutes)  
This program shows how to perform a respiratory assessment accurately and completely. It covers inspection, palpation, percussion, and auscultation techniques including: how to inspect the anterior and posterior thorax for respiratory movements, how to inspect and palpate the trachea for tracheal deviation, how to palpate the anterior and posterior thorax for respiratory expansion and tactile fremitus, how and where to percuss the posterior thorax for diaphragmatic excursion, how and where to auscultate both normal and adventitious breath sounds, how to assess voice sounds. Includes simulated breath sounds. (Springhouse Corporation) (RC 733 R487 1992)

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