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Quick-Study Academic/ Nursing

WILEY-SONS OF JENNY OULSON

NURSING

ASSESSING LUNG SOUNDS

To accurately lung sounds, assess the shape of your chest and identify the location on the corresponding diagram.

2) Normal/Healthy sounds: clear, equal, high-pitched

3) Crackles: heard in lower lung fields, heard throughout the lung fields, and may be heard in upper lung fields

4) Wheezes: heard in lower lung fields, heard throughout the lung fields, and may be heard in upper lung fields

5) Rhales: heard in lower lung fields, heard throughout the lung fields, and may be heard in upper lung fields

6) Stridor: heard in upper lung fields, heard throughout the lung fields, and may be heard in lower lung fields

7) Stertorous: heard in lower lung fields, heard throughout the lung fields, and may be heard in upper lung fields

8) Stertorous: heard in lower lung fields, heard throughout the lung fields, and may be heard in upper lung fields

9) Stertorous: heard in lower lung fields, heard throughout the lung fields, and may be heard in upper lung fields

10) Stertorous: heard in lower lung fields, heard throughout the lung fields, and may be heard in upper lung fields

ADVERTENTIONS LUNG SOUNDS

NOISE	CHARACTERISTICS	CAUSE
Crackles	Short, popping, crackling sounds, heard in lower lung fields	Fluid in alveoli, pneumonia, pulmonary edema, COPD
Wheezes	High-pitched, whistling sounds, heard in lower lung fields	Asthma, chronic bronchitis, emphysema, COPD
Rhales	Low-pitched, bubbling sounds, heard in lower lung fields	Fluid in bronchi, pneumonia, pulmonary edema
Stridor	High-pitched, wheezing sound, heard in upper lung fields	Upper airway obstruction, laryngitis, epiglottitis
Stertorous	Low-pitched, snoring sound, heard in lower lung fields	Upper airway obstruction, laryngitis, epiglottitis

ARTERIAL BLOOD GAS ANALYSIS (ABGA)

ABG	Normal Range	Abnormal
pH	7.35 to 7.45	< 7.35 acidosis > 7.45 alkalosis
PaO ₂	80 to 100 mm Hg	< 80 mm Hg hypoxemia > 120 mm Hg hyperoxemia
PaCO ₂	35 to 45 mm Hg	> 45 mm Hg hypercapnia < 35 mm Hg hypocapnia

HEART SOUNDS

Heart sounds are produced by the valves closing and the blood flow. The sounds are heard from the chest area. The sounds are heard from the chest area. The sounds are heard from the chest area.

1) S1: First heart sound, heard at the beginning of the QRS complex

2) S2: Second heart sound, heard at the end of the T wave

3) S3: Third heart sound, heard in the lower lung fields

4) S4: Fourth heart sound, heard in the lower lung fields

CARDIAC MARKERS & SERUM ENZYME LEVELS FOLLOWING MYOCARDIAL INFARCTION

ENZYME/MARKER	Normal Range	Abnormal Range	Abnormal Level
Aspartate Aminotransferase (AST)	10-40 U/L	> 40 U/L	100-200 U/L
Alanine Aminotransferase (ALT)	10-40 U/L	> 40 U/L	100-200 U/L
Lactate Dehydrogenase (LDH)	100-250 U/L	> 250 U/L	1000-2000 U/L
Creatine Phosphokinase (CK-MB)	0-30 U/L	> 30 U/L	100-200 U/L
Troponin I	< 0.1 ng/mL	> 0.1 ng/mL	0.1-0.5 ng/mL
Troponin T	< 0.1 ng/mL	> 0.1 ng/mL	0.1-0.5 ng/mL



Synopsis

Thorough coverage of general nursing duties, including analysis and assessment techniques. Includes detailed tables and diagrams clearly labeled and organized for quick reference. Includes detailed information and diagrams on: • lung sounds • normal EKG patterns • cardiac enzymes • adventitious lung sounds • arterial blood gas analysis • grading heart murmurs & heart sounds • cranial nerves • insulin types & action times • symptom analysis • Glasgow Coma Scale • pressure sore staging • common medical abbreviations • intramuscular injection sites • calculating I.V. drip rates & I.V. flow rates • 5 p's of circulatory • checks, edema, pulses & dosage cups • household/apothecary/metric equivalents • conversion factors • complete blood count • four primary assessment techniques • basic head-to-toe assessment • serum electrolytes • coagulation studies • odor assessment

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Customer Reviews

Another great nursing quick resource to have on hand, especially for new nurses. It is full of information on assessing lungs, sounds, EKG, insulin, cranial nerves, calculating IV drip rates, and scoring for GCS and pressure sores. Many other assessment aides to that new grad.

This has some good information. The ones that I found helpful were some lab values, assessing lung sounds, head to toe assessment, IM sites, household and metric equiv., some of the medical

abbreviations and odor assessment. I wish that all of the lab values that I deal with at the hospital for clinical every day were in here. I felt like the space used for cranial nerves could have been utilized for something a little more commonly used. In med-surg I've never had to even think about cranial nerves, but lab values play a huge role. Knowing what I know now I would definitely buy it again though.

This is a great cheat sheet for work and clinicals in nursing school. I first saw this used by a nurse at my job and decided to get this for myself to carry with me to use while I am in school on my way to become a nurse. I love it. It has everything I need. I wish I could have had it sooner. Most of the time my friends have just wrote things down on a sheets of paper or note card to carry around with us, but this is more efficient and less likely to be lost or torn.

Helpful if you are clueless about anatomy, otherwise, kind of useless. What are you going to do, carry this around with you and check it as you assess your patient? I don't think so. The info is very basic. Better off making your own flashcards or note sheets.

I bought many of these cards (in different subjects) from and they were a GREAT help in nursing school and now as a Nurse I find I refer to them all the time. Recommend highly!

Our clinical instructor recommends this highly. Laminated and pertinent. Carry it in my binder and can check out needed info. Good pix!

I ordered this for a nursing course I was in (Nursing Assessment). It was very helpful as a quick reference. The guide came on time and I had no problems with it. I would order again from this vendor.

Great tool for your first semester of nursing school. Was recommended by my clinical instructor. Only problem is you can't fold it up and keep it in your pocket for quick reference during your head-to-toe exams :-). Some classmates have copied specific parts and laminated them for pocket use. Overall very useful.

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