

## Percussion

### Proper Technique

1. Hyperextend the middle finger of one hand and place the distal interphalangeal joint **firmly** against the patient's chest.
2. With the end (not the pad) of the opposite middle finger, use a quick flick of the wrist to strike first finger.
3. Categorize what you hear as normal, dull, or hyperresonant.
4. Practice your technique until you can consistently produce a "normal" percussion note on your (presumably normal) partner before you work with patients.

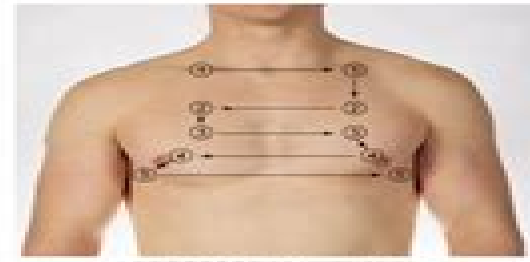


### Diaphragmatic Excursion

1. Find the level of the diaphragmatic dullness on both sides.
2. Ask the patient to inspire deeply.
3. The level of dullness (diaphragmatic excursion) should go down 3-5 cm symmetrically.



Posterior Chest



Anterior Chest

### Anterior Chest

1. Percuss from side to side and top to bottom using the pattern shown in the illustration.
2. Compare one side to the other looking for asymmetry.
3. Note the location and quality of the percussion sounds you hear.

### Posterior Chest

1. Percuss from side to side and top to bottom using the pattern shown in the illustration. Omit the areas covered by the scapulae.
2. Compare one side to the other looking for asymmetry.
3. Note the location and quality of the percussion sounds you hear.
4. Find the level of the diaphragmatic dullness on both sides.

### Interpretation

Percussion Notes and Their Meaning	
Flat or Dull	Pleural Effusion or Lobar Pneumonia
Normal	Healthy Lung or Bronchitis
Hyperresonant	Emphysema or Pneumothorax

# Nln Physical Assessment Exam Study Guide

**Lingjun Ying**



## **Nln Physical Assessment Exam Study Guide:**

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inspiration are truly reflected and demonstrated in each chapter Authors talk about lessons learned teaching strategies and in depth research Key highlights in the book include the practice application of how to develop implement and evaluate clinical simulations in your nursing program The authors make understanding simulation pedagogy an easy journey and one that is exciting that educators will want to try and embrace even when there is hesitation and uncertainty Pamela R Jeffries PhD RN FAAN ANEF Professor Dean George Washington University School of Nursing From the Foreword When employed as a substitute for real clinical time simulation scenarios have proven effective in bridging the gap between theory and practice Written by educators for educators this book provides all the knowledge skills and tools needed to make simulation feasible enjoyable and meaningful for students In this edition there are 25 new chapters 20 of them scenarios for all levels and specialties and 11 of those representing interprofessional education and team training This acclaimed text for nursing faculty provides detailed step by step guidance on all aspects of clinical simulation Each scenario is broken down into objectives pre scenario checklists implementation plans evaluation criteria debriefing guidelines and recommendations for further use Replete with diverse scenarios this comprehensive resource covers geriatric pediatric trauma obstetric and community based patient scenarios Chapters cover all levels of nursing students from pre licensure to doctoral level and contain the authors own advice and experiences working in simulation around the globe All scenarios have been updated to adhere to the new best practice simulation standards for design facilitator and participant criteria interprofessional criteria and debriefing processes A template for creating scenarios spans the text and includes student preparation materials forms to enhance the realness of the scenario and checklists for practice assessment and evaluation The revised edition now includes scenarios easily adaptable to an instructor s own lab an international perspective and a section on graduate nursing education and eleven new interdisciplinary clinical scenarios New to the third edition 20 brand new scenarios in anesthesia midwifery pediatric disaster and other specialty focused situations plus five new chapters Updated to encompass new simulation pedagogy including best practice standards New scenarios easily adapted to an instructor s own lab Integrating disability into nursing education with standardized patients and the use of IV simulations Interprofessional and international scenarios focused on areas of global concern obstetric hemorrhage neonatal hypoglycemia deteriorating patients A new section on how to write like a nurse in clinical simulation environments Teaching and evaluating therapeutic communication with a review of instruments for assessment Key Features Includes information on how to integrate simulation into curricula Addresses conceptual and theoretical foundations of simulation in nursing education including an expanded chapter on the Framework for Simulation Learning in Nursing Education Includes a wide variety of practical scenarios in ready to use format with instructions Provides a template for scenario development Delivers recommendations for integration of point of care decision making tools Offers opportunities for enhancing complexity incorporating interprofessional competencies and debriefing guidelines Provides insight into pedagogical intergration of simulation throughout every aspect of the nursing

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