PHYSICAL ASSESSMENT EXAMINATION STUDY GUIDE

Percussion

Proper Technique

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



Diaphragmatic Excursion

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



Posterior Chest



Anterior Chest

Anterior Chest

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

Posterior Chest

- Percuss from side to side and top to bottom using the pattern shown in the illustration. Omit the
 areas covered by the scapulae.
- Compare one side to the other looking for asymmetry.
- 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	

Page 14 of 35

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SJ Ball

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- 1. Understanding the eBook Nln Physical Assessment Exam Study Guide
 - The Rise of Digital Reading Nln Physical Assessment Exam Study Guide
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Nln Physical Assessment Exam Study Guide
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Nln Physical Assessment Exam Study Guide
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Nln Physical Assessment Exam Study Guide
 - Personalized Recommendations
 - Nln Physical Assessment Exam Study Guide User Reviews and Ratings
 - Nln Physical Assessment Exam Study Guide and Bestseller Lists
- 5. Accessing Nln Physical Assessment Exam Study Guide Free and Paid eBooks
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- 6. Navigating Nln Physical Assessment Exam Study Guide eBook Formats

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 - Interactive Elements Nln Physical Assessment Exam Study Guide
- 8. Staying Engaged with Nln Physical Assessment Exam Study Guide
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 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Nln Physical Assessment Exam Study Guide
- 9. Balancing eBooks and Physical Books Nln Physical Assessment Exam Study Guide
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Nln Physical Assessment Exam Study Guide
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 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Nln Physical Assessment Exam Study Guide
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 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Nln Physical Assessment Exam Study Guide
 - Fact-Checking eBook Content of Nln Physical Assessment Exam Study Guide
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

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