

*Bontrager's*

TEXTBOOK of

NINTH EDITION

# RADIOGRAPHIC POSITIONING and RELATED ANATOMY

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## TABLE OF CONTENTS

1. Terminology, Imaging and Positioning Principles
2. Chest
3. Abdomen
4. Upper Limb
5. Humerus and Shoulder Girdle
6. Lower Limb
7. Femur and Pelvic Girdle
8. Cervical and Thoracic Spine
9. Lumbar Spine, Sacrum, and Coccyx
10. Bony Thorax — Sternum and Ribs
11. Cranium, Facial Bones, and Paranasal Sinuses
12. Biliary Tract and Upper Gastrointestinal System
13. Lower Gastrointestinal System
14. Urinary System and Venipuncture
15. Trauma, Mobile, and Surgical Radiography
16. Pediatric Radiography
17. Angiography and Interventional Procedures
18. Computed Tomography
19. Special Radiographic Procedures
20. Diagnostic and Therapeutic Modalities

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**MULTIPLE CHOICE**

1. What type of tissue binds together and supports the various structures of the body?
  - a. Epithelial
  - b. Connective
  - c. Muscular
  - d. Nervous

ANS: B                      REF: 3

2. The lowest level of structural organization in the human body is the \_\_\_\_\_ level.
  - a. molecular
  - b. cellular
  - c. chemical
  - d. atomic

ANS: C                      REF: 3

3. What type of tissue covers internal and external surfaces of the body?
  - a. Muscular
  - b. Connective
  - c. Nervous
  - d. Epithelial

ANS: D                      REF: 3

4. How many individual body systems comprise the human body?
  - a. 22
  - b. 13
  - c. 10
  - d. 8

ANS: C                      REF: 3

5. How many separate bones are found in the adult human body?
  - a. 181
  - b. 215
  - c. 206
  - d. 236

ANS: C                      REF: 4

6. Which system of the human body is responsible for the elimination of solid waste?
  - a. Circulatory
  - b. Respiratory
  - c. Urinary
  - d. Digestive

ANS: D

REF: 4

7. Which of the following systems of the human body includes all ductless glands of the body?
- Endocrine
  - Integumentary
  - Muscular
  - Glandular

ANS: A

REF: 6

8. Which of the following body systems helps to regulate body temperature?
- Circulatory
  - Urinary
  - Endocrine
  - Nervous

ANS: A

REF: 7

9. Which of the following bones is part of the axial skeleton?
- Radius
  - Hip bone
  - Clavicle
  - Sternum

ANS: D

REF: 7

10. How many bones are there in the adult axial skeleton?
- 206
  - 80
  - 54
  - 126

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ANS: B

REF: 7

11. What is the name of the small oval-shaped bone found in tendons?
- Wormian
  - Tendinous
  - Irregular
  - Sesamoid

ANS: D

REF: 8

12. Which of the following bones is classified as a long bone?
- Carpal bone
  - Scapula
  - Cranium
  - Humerus

ANS: D

REF: 8

13. What is the name of the dense fibrous membrane that covers bone?
- Cancellous portion