

Interactive Activities for Human Anatomy and Physiology

INTERACTIVE ACTIVITIES FOR HUMAN ANATOMY AND PHYSIOLOGY

OPEN EDUCATION LAB



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INTRODUCTION

The interactives in this book were created by the Open Education Lab at Ontario Tech University in Ontario, Canada. Subject matter expertise was provided throughout the process by Dr. Elita Partosoedarso, Faculty of Health Sciences, Ontario Tech.

While the interactives are specifically based on the diagrams and content found in the Anatomy and Physiology textbook by OpenStax, they can be used with other human anatomy and physiology courses and textbooks.

1.

INTRO TO THE HUMAN BODY

Flashcards: Terminology Review

A&P terminology



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=5#h5p-48>

A&P terminology 2



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=5#h5p-49>

Interactive Activities

Levels of Organization in the Body



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Planes of the Body



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=5#h5p-51>

Directional Terms



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Practice Question(s)



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=5#h5p-192>

2.

CELLULAR LEVEL OF ORGANIZATION

Flashcards: Terminology Review

Components of a Cell



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-55>

General Cell Cycle



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-56>

DNA Replication and Mitosis



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-57>

Protein Synthesis



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-58>

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-59>

Interactive Activities

Exocytosis



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-68>

Animal Cell and Components



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-69>

Cell Growth and Division



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-70>

Facilitated Diffusion



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Cytoskeleton – Types of Cell Fibers



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-73>

Concentration of Solutions



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-76>

Phospholipid Bilayer



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-82>

Cell Membrane



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-85>

Phospholipid Structure



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-88>

Cell Reproduction – Phase of Mitotic Cell



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Concentrations (tonicity) of Solutions



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Facilitated Diffusion



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Prototypical Human Cell



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-79>

Cell Cycle



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-80>

Protein Synthesis



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Osmosis



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-83>

Endocytosis



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-84>

Practice Question(s)



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An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=24#h5p-197>

3.

CHEMICAL LEVEL OF ORGANIZATION

Flashcards: Terminology Review

Inorganic Compounds and Relevant Terms



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=22#h5p-53>

Organic Compounds and Relevant Terms



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=22#h5p-54>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=22#h5p-193>

4.

TISSUE LEVEL OF ORGANIZATION

Flashcards: Terminology Review

Components of Epithelial Tissue and Membranes



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=28#h5p-89>

Types of Tissue and Cells



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=28#h5p-90>

Interactive Activities

Epithelial Tissue Cells



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=28#h5p-91>

Practice Question(s)



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=28#h5p-203>

5.

INTEGUMENTARY SYSTEM

Flashcards: Terminology Review

Components of the Epidermis



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=31#h5p-92>

General Terms



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=31#h5p-93>

Interactive Activities

Integumentary System



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=31#h5p-95>

Practice Question(s)



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=31#h5p-206>

6.

BONE TISSUE

Flashcards: Terminology Review

Anatomy



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=33#h5p-96>

Physiology



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=33#h5p-97>

Interactive Activities

Anatomy of a Long Bone, and Bone Cells



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=33#h5p-98>

Diagram of a Compact Bone



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=33#h5p-99>

Diagram of Spongy Bone



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Practice Quiz



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=33#h5p-207>

7.

AXIAL SKELETON

Flashcards: Terminology Review

Facial and Cranial Bones



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=35#h5p-101>

Ribs and Vertebrae



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=35#h5p-102>

Interactive Activities

Axial and Appendicular Skeleton



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=35#h5p-103>

The Skull



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=35#h5p-104>

Vertebral Column and Intervertebral Disc



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=35#h5p-105>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=35#h5p-195>

8.

APPENDICULAR SKELETON

Flashcards: Terminology Review

Upper Limbs



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=67#h5p-60>

Lower Limbs



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=67#h5p-61>

General Terms 1



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General Terms 2



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=67#h5p-63>

Interactive Activities

Pectoral Girdle



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Ulna and Radius



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=67#h5p-65>

Pelvis



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=67#h5p-66>

Tibia and Fibula



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=67#h5p-67>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=67#h5p-196>

9.

JOINTS

Flashcards: Terminology Review

General Terms 1



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-106>

General Terms 2



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-107>

General Terms 3



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-108>

Anatomy 1



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-109>

Anatomy 2



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-110>

Actions



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-111>

Interactive Activities

Structural and Functional Classification of Joints



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-112>

Movements of the Body



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=69#h5p-113>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

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10.

MUSCLE TISSUE

Flashcards: Terminology Review

General Terms 1



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=72#h5p-114>

General Terms 2



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=72#h5p-115>

Interactive Activities

Motor End-Plate



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Contraction of a Muscle Fiber and Relaxation of a Muscle Fiber



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=72#h5p-117>

Practice Question(s)



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11.

THE MUSCULAR SYSTEM

Flashcards: Terminology Review

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=74#h5p-118>

Axial Muscles



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=74#h5p-119>

Appendicular Muscles



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=74#h5p-123>

Muscular System Terms 1



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Muscular System Terms 2



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=74#h5p-121>

Muscular System Terms 3



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=74#h5p-122>

Practice Question(s)



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=74#h5p-213>

12.

THE NERVOUS SYSTEM AND NERVOUS TISSUE

Flashcards: Terminology Review

Nervous System and Nervous Tissue 1



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-124>

Nervous System and Nervous Tissue 2



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-125>

Anatomy of the Nervous System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-126>

Nervous System Cells



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-127>

Action Potential



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-129>

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-130>

Interactive Activities

Nervous System and Nervous Tissue



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-131>

Parts of a Neuron



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-132>

Glial Cells of the CNS



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-133>

Glial Cells of the PNS



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-134>

Graph of Action Potential



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-135>

Stages of an Action Potential



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-137>

The Synapse and Chemical Synapse



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-136>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=77#h5p-200>

13.

ANATOMY OF THE NERVOUS SYSTEM

Flashcards: Terminology Review

Peripheral Nervous System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-138>

The Brain



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-139>

The Spinal Cord



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-140>

Interactive Activities

Lobes of the Cerebral Cortex



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-141>

The Cranial Nerves



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-142>

Cross-section of Spinal Cord



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-143>

Meningeal Layers of Superior Sagittal Sinus



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-144>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=80#h5p-201>

14.

SOMATIC NERVOUS SYSTEM

Flashcards: Terminology Review

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=85#h5p-145>

Special Senses



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=85#h5p-146>

Other



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=85#h5p-147>

Practice Question(s)



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=85#h5p-202>

15.

AUTONOMIC NERVOUS SYSTEM

Flashcards: Terminology Review

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=89#h5p-148>

Specific Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=89#h5p-149>

Practice Question(s)



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=89#h5p-205>

16.

ENDOCRINE SYSTEM

Flashcards: Terminology Review

General Terms 1



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-150>

General Terms 2



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-151>

General Terms 3



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-152>

Interactive Activities

Endocrine System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-153>

Anterior Pituitary



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-154>

Hormones of the Neurohypophysis (Posterior Pituitary)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-155>

The Pancreas



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-156>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=91#h5p-199>

17.

BLOOD

Flashcards: Terminology Review

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-9>

Red Blood Cells



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-10>

White Blood Cells



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-11>

Platelets and Hemostasis



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-12>

Interactive Activities

Movement of Leukocytes



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-8>

Components of Blood



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-13>

Hemoglobin



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-14>

Blood Typing



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-15>

Hemostasis



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-16>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=55#h5p-209>

18.

THE HEART

Flashcards: Terminology Review

Anatomy of the Heart



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-17>

General Anatomy



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-18>

Conduction Pathway



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-19>

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-20>

Interactive Activities

Wall of the Heart



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-21>

Heart Valves During Contraction and Relaxation



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-22>

Circulation Through the Heart



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-23>

Conduction System of the Heart



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-24>

Phases of the Cardiac Cycle



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-25>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=59#h5p-208>

19.

BLOOD VESSELS AND CIRCULATION

Flashcards: Terminology Review

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=61#h5p-26>

Physiological Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=61#h5p-27>

Interactive Activities

Fetal Circulation



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=61#h5p-28>

Cardiovascular Circulation



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=61#h5p-29>

Types of Capillaries



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=61#h5p-30>

Microcirculation and Capillary Beds



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=61#h5p-31>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=61#h5p-210>

20.

LYMPHATIC AND IMMUNE SYSTEMS

Flashcards: Terminology Review

Lymphatic System Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-32>

Immune System Terms 1



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-33>

Immune System Terms 2



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-34>

Interactive Activities

Lymph Capillaries in the Tissue Space



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-35>

The Inflammatory Process



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-36>

Antigen Processing and Presentation



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-37>

Mechanisms of T-Cell-mediated Immune Responses



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-38>

Primary vs Secondary Immune Responses



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-39>

Practice Question(s)



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=63#h5p-211>

21.

THE RESPIRATORY SYSTEM

Flashcards: Terminology Review

Anatomy



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-40>

Physiology



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-41>

Interactives Activities

Major Respiratory System Organs



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-42>

Respiratory Epithelium



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-43>

Regions of the Pharynx



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-44>

Respiratory Membrane and Alveoli



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-45>

The Process of Breathing



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-46>

Ventilation Control Centers



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-47>

Practice Question(s)

Learn the Respiratory System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=65#h5p-223>

22.

THE DIGESTIVE SYSTEM

Flashcards: Terminology Review

Upper Digestive Organs



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-157>

Lower Digestive Organs



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-158>

Accessory Organs of the Digestive Tract



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-159>

The Chemical Digestion Process



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-160>

Movement in the Digestive Tract



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-161>

Interactive Activities

Main Layers of the Digestive Wall



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-162>

Major Digestive Organs



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-163>

Motility



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-164>

The Esophagus



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-165>

The Stomach and Gastric Secretions



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-166>

The Small Intestine



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-167>

The Large Intestine



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-168>

Accessory Organs in Digestion



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-169>

The Liver



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-170>

The Gallbladder



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-171>

The Pancreas



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=236#h5p-172>

23.

METABOLISM AND NUTRITION

Flashcards: Terminology Review

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=239#h5p-173>

24.

THE URINARY SYSTEM

Flashcards: Terminology Review

Anatomy of the Nephron



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=243#h5p-174>

General Anatomy



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=243#h5p-175>

Physiology



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=243#h5p-176>

Interactive Activities

The Urinary System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=243#h5p-215>

Fluid Compartments in the Body & The Sodium/Potassium ATPase Pump



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=243#h5p-177>

The Renal Nephron & Corpuscle



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=243#h5p-178>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it



online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=243#h5p-226>

25.

FLUID, ELECTROLYTE, AND ACID-BASE BALANCE

Flashcards: Terminology Review

Fluid and Electrolyte and pH Balance Terminology



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=245#h5p-179>

Interactive Activities

Drag and Drop for Fluid, Electrolyte, and Acid-Base Balance



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=245#h5p-227>

Practice Question(s)

Fluid, Electrolyte, and Acid-Base Balance Questions



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=245#h5p-228>

26.

THE REPRODUCTIVE SYSTEM

Flashcards: Terminology Review

General Terms



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-184>

Female Reproductive System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-185>

Ovarian and Uterine Cycles



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-186>

Male Reproductive System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-187>

Interactive Activities

Male Reproductive System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-217>

Female Reproductive System



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-218>

The Testes



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-188>

The Sperm



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-189>

The Female Reproductive Tract



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-190>

Practice Question(s)



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=247#h5p-229>

27.

DEVELOPMENT AND INHERITANCE

Flashcards: Terminology Review

Fertilization and Pregnancy



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=249#h5p-180>

Pregnancy



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=249#h5p-181>

Genetics



An interactive H5P element has been excluded from this version of the text. You can view it online here:

<https://ecampusontario.pressbooks.pub/apinteractives/?p=249#h5p-183>

Interactive Activities

Development and Inheritance – Drag and Drop



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=249#h5p-224>

Practice Question(s)

Development and Inheritance Questions



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<https://ecampusontario.pressbooks.pub/apinteractives/?p=249#h5p-225>

28.

THE NEUROLOGICAL EXAM

Practice Question(s)



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This is where you can add appendices or other back matter.