

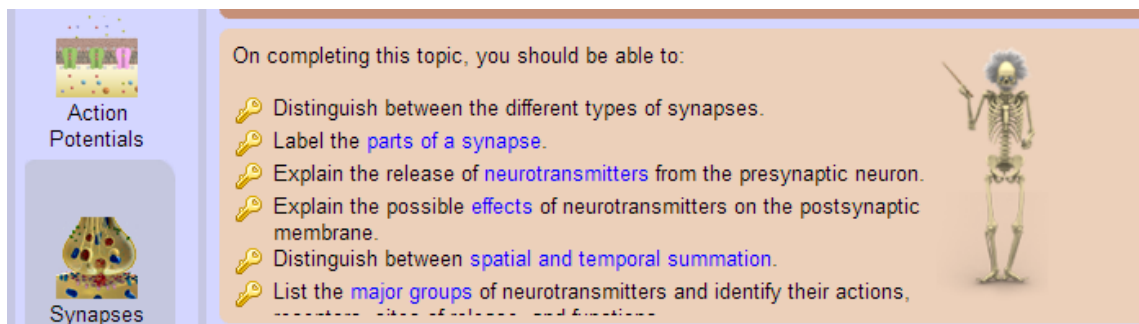
Anatomy & Physiology Online

Anatomy & Physiology online 線上資源覆蓋所有學生所需要了解和學習的解剖學和生理學課程，並嘗試整合這兩個重要領域的相關知識。

全套系統包含 20 個模組，搭配清晰的 3D 影像、互動模型、動畫、插圖、幻燈片解析各個生理系統，教學者及學習者都可以藉由標示及臨床病例進行研究、教學活動及學習，系統並提供發音、指南及測驗等學習工具。

特色：

1. 針對各生理系統提供學習目標引導學生。

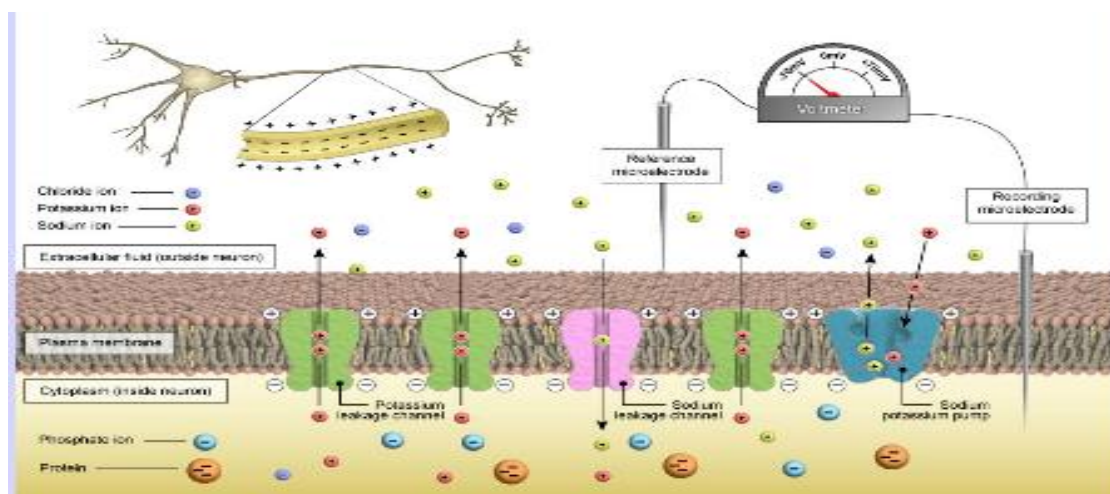


The screenshot shows a learning module interface. On the left, there are two icons: 'Action Potentials' (a graph) and 'Synapses' (a neuron diagram). The main content area is titled 'On completing this topic, you should be able to:' and lists five learning objectives with key icons:

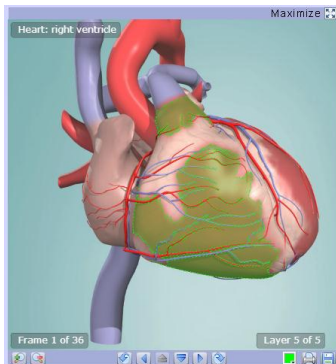
- 1. Distinguish between the different types of synapses.
- 2. Label the parts of a synapse.
- 3. Explain the release of neurotransmitters from the presynaptic neuron.
- 4. Explain the possible effects of neurotransmitters on the postsynaptic membrane.
- 5. Distinguish between spatial and temporal summation.
- 6. List the major groups of neurotransmitters and identify their actions, receptors, sites of release, and functions.

On the right side of the module, there is a 3D illustration of a human skeleton.

2. 以動畫解釋生理循環，提供容易理解的學習方式。

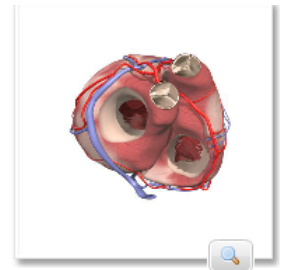


3. 隨時隨地無障礙的線上生理學及解剖學教材。
4. 互動式的 3D 模型，可以旋轉，添加及刪除圖層，並可任意標註每個生理構造。提供詳實、有趣的學習經驗，並可儲存相關設定以便於教學及學習。
5. 提供各式程度的測驗題庫，幫助學習者進行自我檢測。



Which of the following valves is not found in the heart?

- left atrioventricular valve (bicuspid)
- ileocecal valve
- pulmonary valve
- aortic valve
- right atrioventricular valve (tricuspid)



涵蓋的模組：

Body Plan and Organization

Chemistry

Cell Biology

Histology

Integumentary System

Skeletal System

Muscular System

Nervous System

Special Senses

Endocrine System

Blood

Cardiovascular System

Lymphatic System and Immunity

Respiratory System

Digestive System

Metabolism

Urinary System

Fluid, Electrolyte & Acid-Base Balance

Reproductive System

Development and Inheritance