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overfishing or
involve human

Check answer

Design for learning

This webpage can also be viewed
on your mobile phone

- **interactive H5P drag and drop activities** were devised to test the application of learned knowledge or knowledge to acquire.

Interactive H5Ps (CELLS II)

Drag and drop the each of the Muscle Cell Types (right) to correctly correspond with each of the characteristics described below.

Auto-rhythmicity

Autonomic neuron input

Calcium triggers contractility

Gap junctions

Motor neuron input

Myofilaments

Skeletal Muscle

Smooth and Cardiac Muscle

Skeletal, Smooth and Cardiac Muscle

Submit

Drag and drop the following diagrams of inter-neuronal circuits (top) into their correct description areas (bottom).

Feed forward inhibition

Gating

Divergence

Convergence

Submit

Drag each of the Gland type and area descriptions (right, top) to their corresponding areas of function (shaded green). Then, drag each gland Secretion (right, bottom) next to each function area (shaded orange).

Gland type and area

Pyloric gastric glands at the Pylorus

Fundic gastric glands at the Fundus

Cardiac gastric glands at the Cardia

Secretion

Pepsinogen, rennin and HCl

Gastrin

Body

Pyloric canal

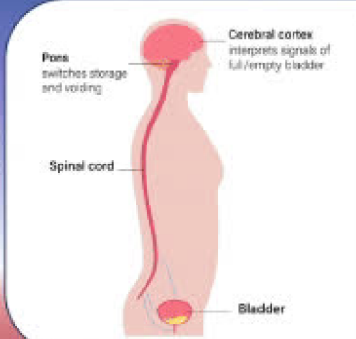
Pyloric antrum

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Interactive H5Ps (SYSTEMS II)

This is an illustration relating to *micturition neural control*.

Drag down each of the descriptions (right) to indicate the correct order of the steps involved for a healthy adult passing urine.



The pontine micturition centre and cortex inhibit the external urethral sphincter, preventing voiding until appropriate

Stretch receptors signal sacral region of the spinal cord

Spine sends parasympathetic signals causing detrusor muscle constriction, and internal urethral sphincter relaxation

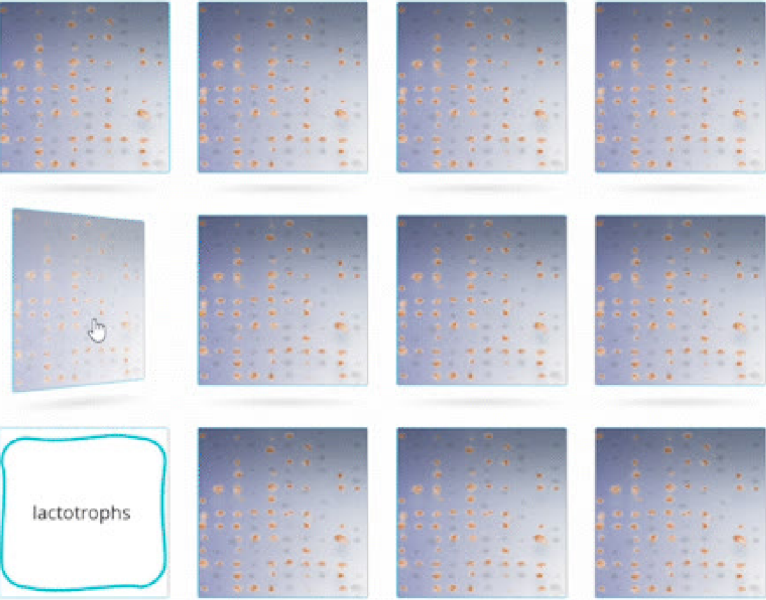
Step 1
Stretch receptors are activated by fullness of the bladder

Step 2

Step 3

Step 4

Image source: Micturition neural control (<https://stock.adobe.com/au/images/micturition-neural-control/452372783>). By pikovit (<https://stock.adobe.com/au/contributor/203713963/pikovit/stock-image-author/prev-article/1>). Adobe Stock (<https://stock.adobe.com/au/enterprise-conditions>). modified.

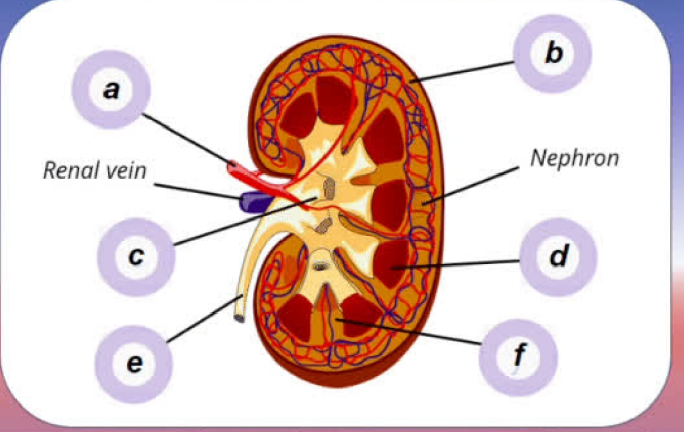


lactotrophs

Time spent: 0:08
Card turns: 8

Submit

This is an illustration of a longitudinal section through a kidney. Correctly identify each of the lettered parts (a-f) by dragging each letter down to its corresponding description.



a Renal vein

b Nephron

c

d

e

f

Renal pelvis

Renal cortex

Renal column

Renal medulla

Ureter

Renal artery

Image source: Structure of Human Kidney (<https://commons.wikimedia.org/wiki/File:KidneyStructures.svg>). By Piotr Michal Jaworski (<https://pl.wikipedia.org/wiki/Wikipedy:Piotr>). CC BY-SA 3.0 (<https://creativecommons.org/licenses/by-sa/3.0/deed.en>). via Wikimedia Commons, modified.

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