

[PREV](#)

0:44:15

[NEXT](#)

31 ^M	32 ^M	33 ^M	34	35	36	37	38	39	40
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A 14-year-old horse is presented with a one-month history of swelling and intermittent drainage over the medial coronary band of the left forelimb. The owner reports associated intermittent lameness.

Approximately two months ago the horse obtained a wound in that region but it seemed to heal up without difficulty. Radiographs of the region show lysis of the medial collateral cartilage and a gas track between the affected collateral cartilage and the coronary band.

What is the name of this condition?

Quittor	HIDE
Pedal osteitis	HIDE
Side bone	HIDE
Canker	HIDE
Keratoma	HIDE

[BACK](#) [NEXT](#) [LEAVE BLANK](#)

PREV

31 M ✓ 32 M ✓ 33 M ✗ 34 ✓ 35 M ✗ 36 M ✗ 37 ✓ 38 M ✓ 39 M ✓ 40 M ✓

NEXT

A 14-year-old horse with intermittent lameness. Approximate time to heal up with cartilage. What is the name of the condition?

Pedal ossification

Canker

Quittor

✕

Correct

Quittor is the name for chronic infection of the collateral cartilage(s) of the distal phalanx. Usually secondary to a wound or sometimes a quarter crack in the hoof.

Surgical debridement is necessary, with adjunctive local or systemic antimicrobials. Prognosis is poor if the distal interphalangeal joint becomes involved.

Was previously more common in draft horses who worked for a living but still [uncommon] seen today in any type of horse.

Sidebone is ossification of the cartilages of the third phalanx, thought to be due to repeated concussion of the quarters of the hooves.

Keratoma	HIDE
Side bone	HIDE

BACK NEXT

PREV

31 M ✓ 32 M ✓ 33 M ✗ 34 ✓ 35 M ✗ 36 M ✗ 37 ✓ 38 M ✓ 39 M ✓ 40 M ✓

NEXT

A 14-year-old horse with intermittent drainage from the hoof wall.

Approximately 10% of the hoof wall will heal up with cartilage.

What is the most common cause of this condition?

Sidebone is ossification of the cartilages of the third phalanx, thought to be due to repeated concussion of the quarters of the hooves.


Canker is a suppurative hypertrophy of the frog and the sole that is foul-smelling and chronic.

A keratoma is a benign keratinized mass that develops between the hoof wall and distal phalanx. Cause unknown.

Pedal osteitis is demineralization of the solar margin of the distal phalanx, usually due to inflammation.

Refs: Ross and Dyson, Diagnosis and Management of Lameness in the Horse, 2nd ed. and the Merck Vet Manual online.

Pedal osteitis	
Canker	
Quittor	
Keratoma	HIDE
Side bone	HIDE

**zukureview**

**SAVE & EXIT**
Score: **49 / 60 (82%)**

[< PREV](#)

51 ✓

52 M ✓

53 M ✗

54 M ✗

55 ✓

56 ✓

57 ✓

58 M ✓

59 ✓

60 M ✗

[NEXT >](#)

What is the main excitatory neurotransmitter in the central nervous system?

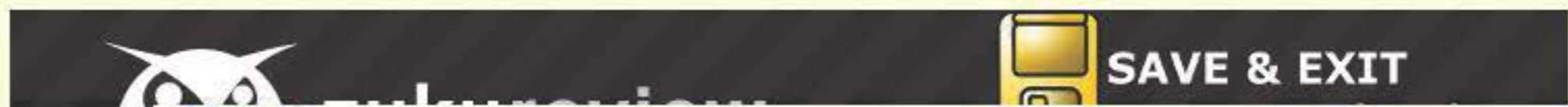
Serotonin	HIDE
Glutamate	HIDE
Substance P	HIDE
Dopamine	HIDE
Epinephrine	HIDE

[BACK](#) [NEXT](#)


Overview


Lab Values


Report a Problem



Correct:

Glutamate is the main excitatory neurotransmitter in the central nervous system. It is involved in both physiologic and pathologic pain responses, as well as the 'wind-up' phenomenon.

Epinephrine (EPI) is not utilized in **pain** pathways. It is a catecholamine that activates alpha and beta receptors of the sympathetic nervous system. Secreted by the adrenal gland, EPI is very important in the *fight or flight* response in which the sympathetic nervous system responds to emergency situations.

Dopamine is found in many tissues, including the brain. It stimulates alpha & beta adrenergic receptors and dopamine receptors.

Serotonin is found in many areas; it is an inhibitory neurotransmitter in the brain, important in descending inhibition of pain impulses in the spinal cord.

Substance P facilitates pain transmission in the dorsal horn of the spinal cord.

- PREV
- 51
- What is t
- Seroton
- Glutama
- Substan
- Dopami
- Epinephrine

BACK NEXT

Overview

Lab Values

Report a Problem

Windows taskbar showing search bar, taskbar icons (Phone, Mail, Calendar, Photos, Edge, Outlook, Mail, Photos, Chrome), system tray (Network, Volume, Language: ENG), and date/time (8:54 PM, 2/24/2019).