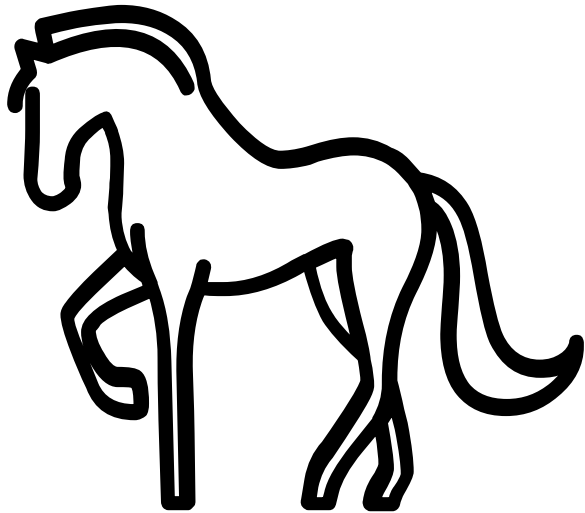




# Hippology

## Anatomy 101

Presenter: Shari Ackerman- Morris  
Wheaton College, Norton, MA



# What does Hippology consist of?

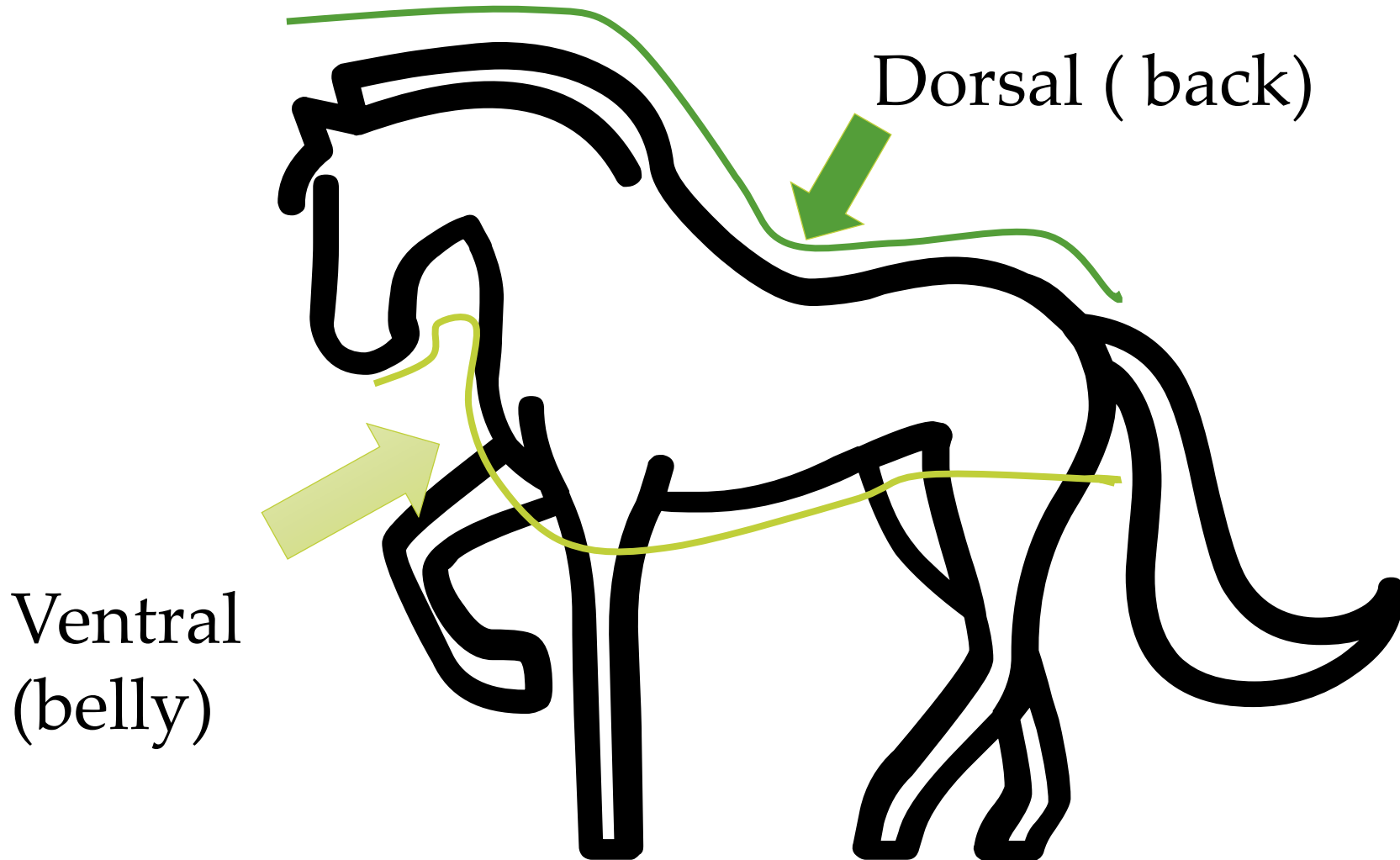
- Exam: Seniors 100 questions, Juniors 50 questions
- Slides: Multiple choice pictures and answers. Seniors: 10 Juniors 5
- Stations: Match the Pictures with the answers. Timed! 2 minutes
- Judging: 2 classes, placement only

# Outline

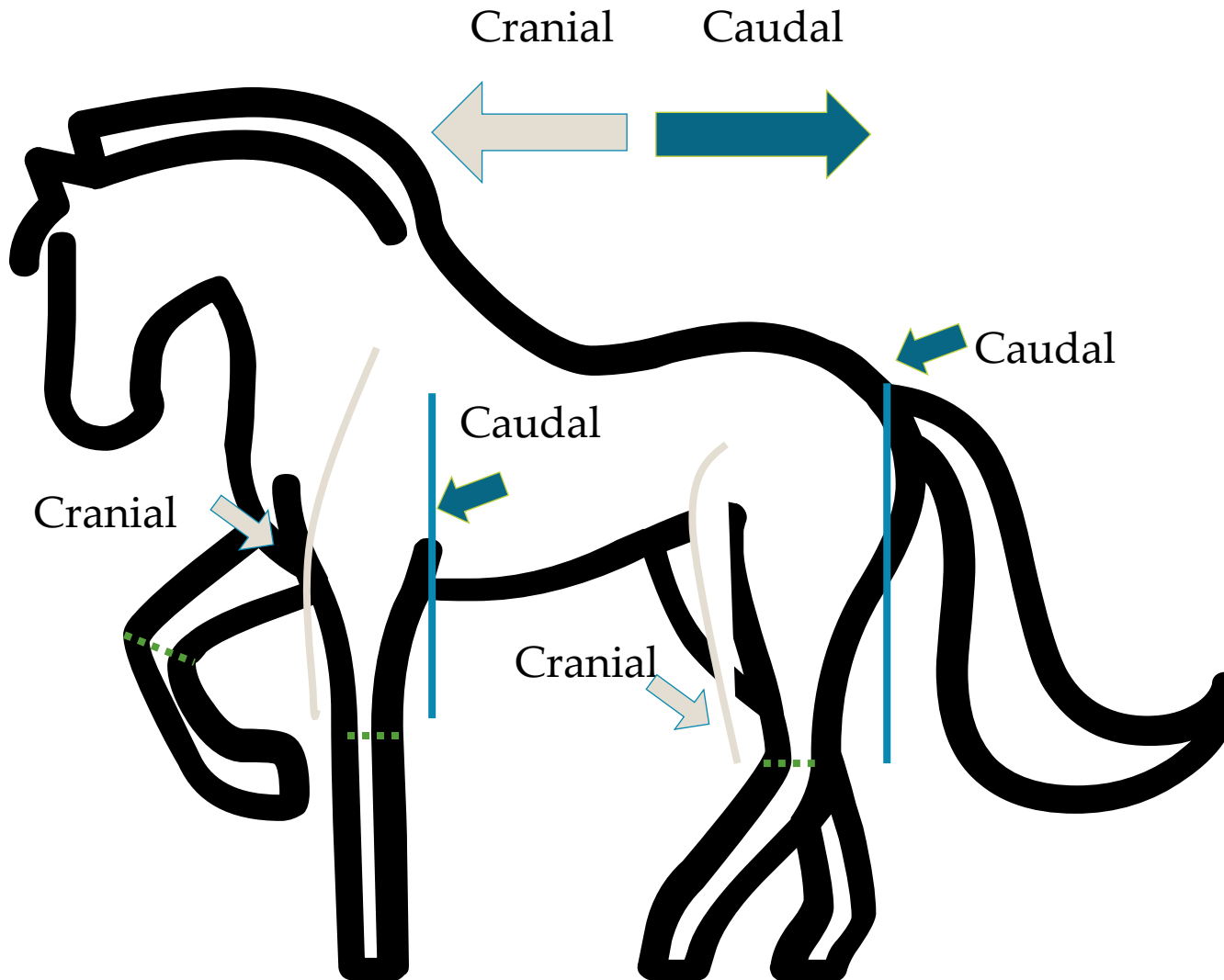
- Anatomical terms
  - Parts of the horse
  - Quiz
- Skeleton
- Station Quiz
- Judging



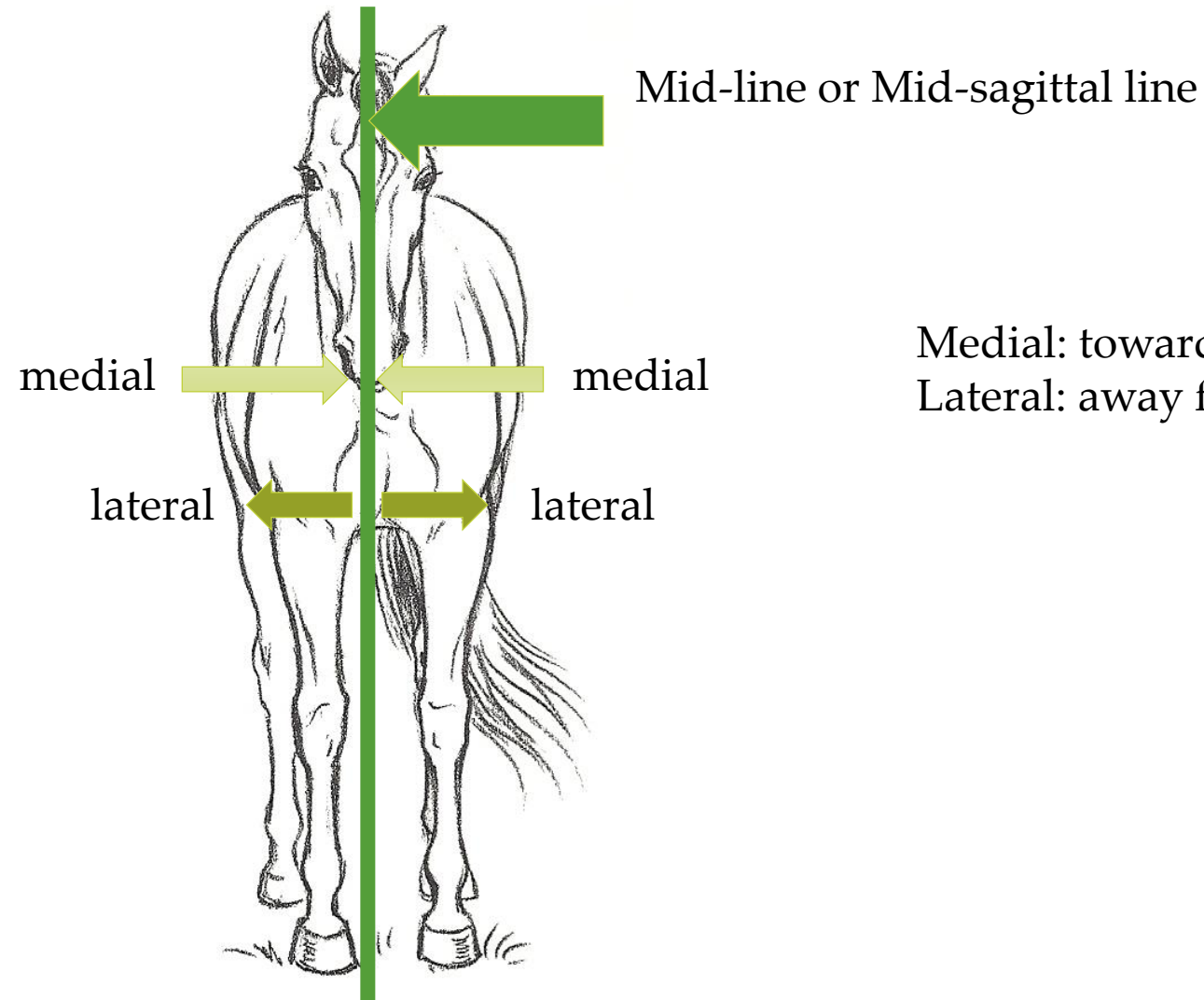
# Directional Terms: Dorsal / Ventral



# Directional Terms: Cranial & Caudal

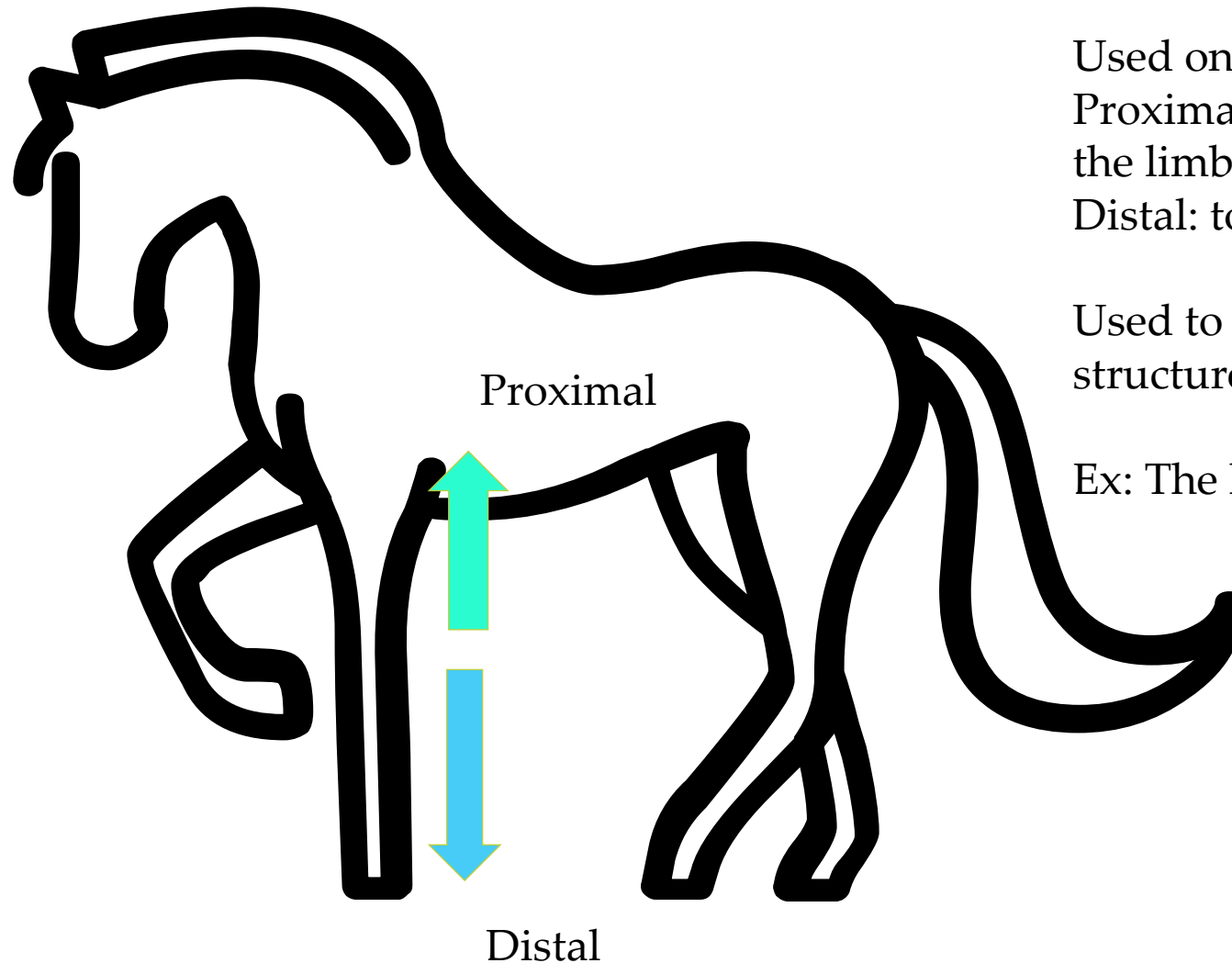


# Directional Terms: Medial/Lateral



Medial: towards the midline  
Lateral: away from the mid-line

# Directional Terms: Proximal/Distal



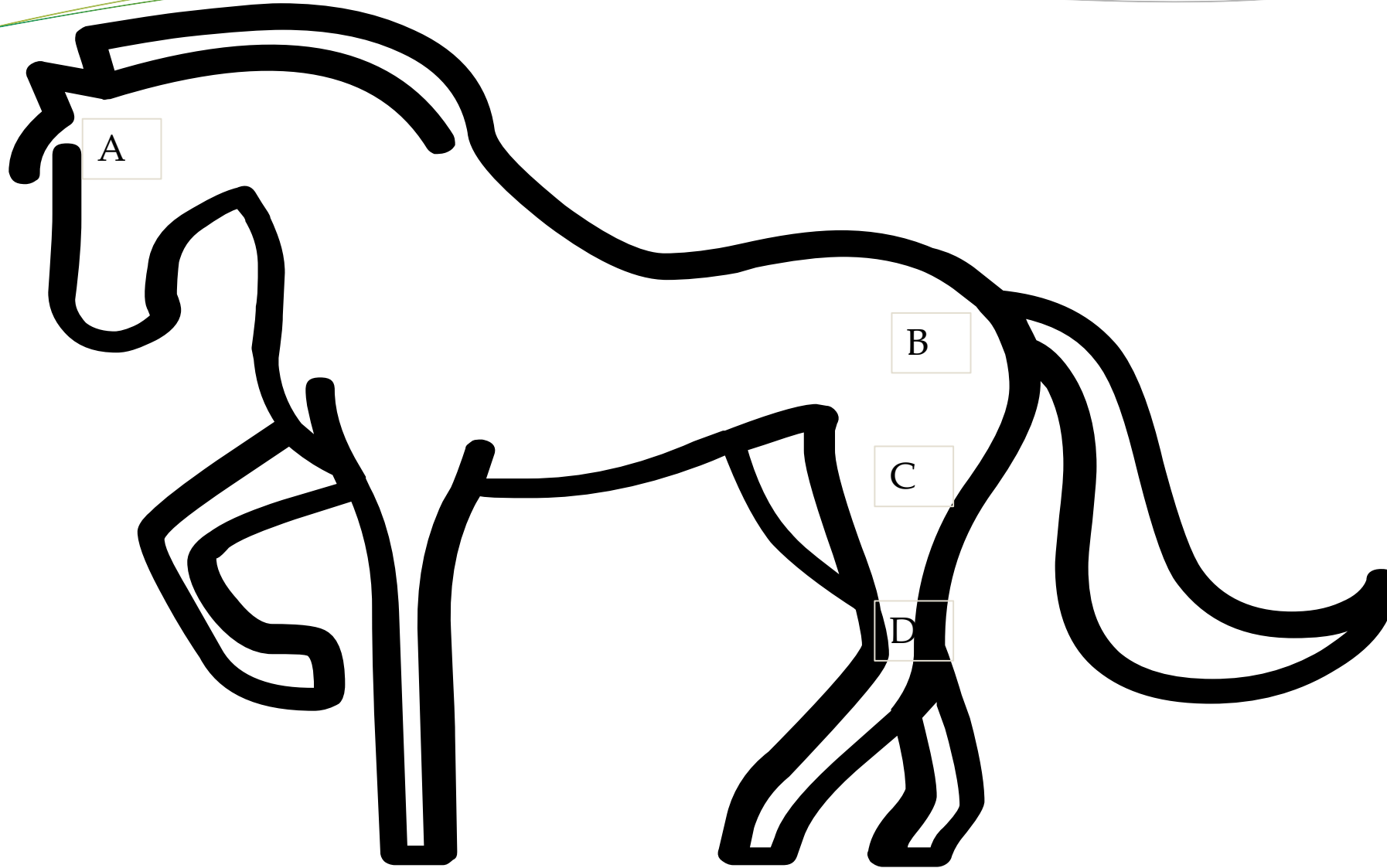
Used on limbs

Proximal: toward the body where the limb attaches

Distal: toward the free end of a limb

Used to compare two anatomical structures.

Ex: The knee is proximal to the hoof.



A

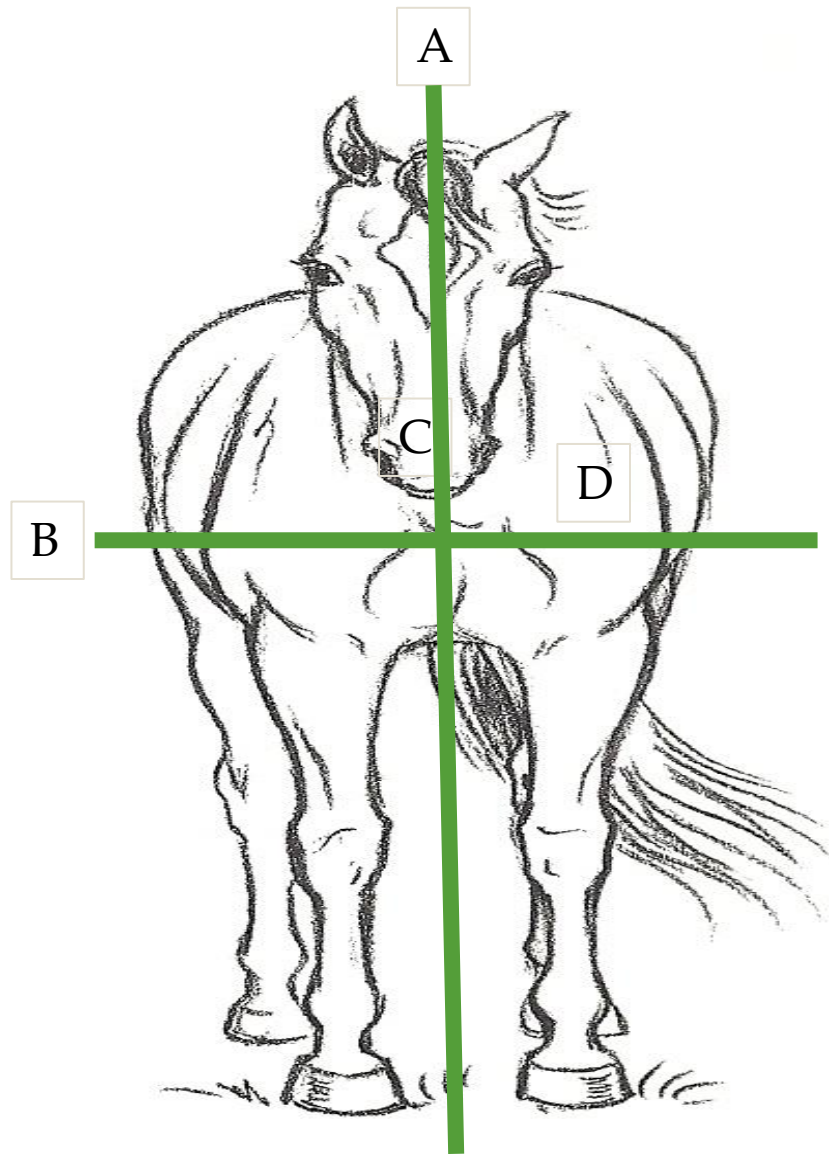
B

C

D

Cranial  
Caudal  
Proximal  
Distal  
Medial  
Lateral

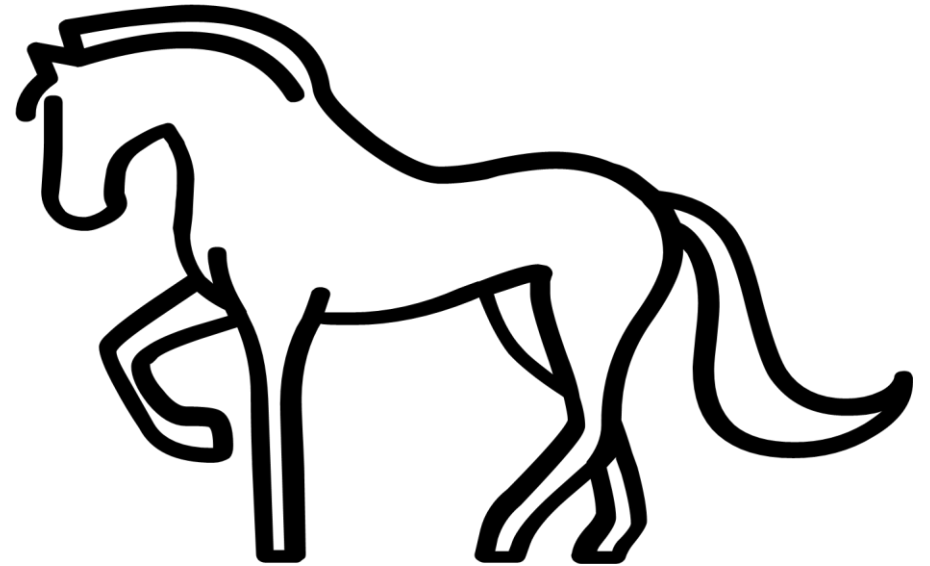




# Questions: Exam

Multiple choice: Pick the best answer

1. The elbow is proximal to the \_\_\_\_\_.
  - a. Poll
  - b. Withers
  - c. Knee
  - d. Ribs
2. The face is \_\_\_\_\_ to the eyes.
  - a. Cranial
  - b. Medial
  - c. Ventral
  - d. Lateral



# Parts of the horse



Knee  
Hoof  
Hock  
Withers  
Neck  
Crest  
Gaskin  
Tail  
Cannon  
Loin  
Croup  
Forearm  
Chestnut

<https://www.google.com/url?sa=i&url=https%3A%2F%2Fihearshorses.com%2Fquiz-can-you-identify-these-parts-of-the-horse%2F&psig=AOvVaw2QK->

[i4D6czI6AEJOh4su4&ust=1617818158385000&source=images&cd=vfe&ved=0CAIQjRxqFwoTCLC81biY6u8CFQAAAAAdAAAAABA](https://www.google.com/url?sa=i&url=https%3A%2F%2Fihearshorses.com%2Fquiz-can-you-identify-these-parts-of-the-horse%2F&psig=AOvVaw2QK-i4D6czI6AEJOh4su4&ust=1617818158385000&source=images&cd=vfe&ved=0CAIQjRxqFwoTCLC81biY6u8CFQAAAAAdAAAAABA)

# Name this part of the horse.



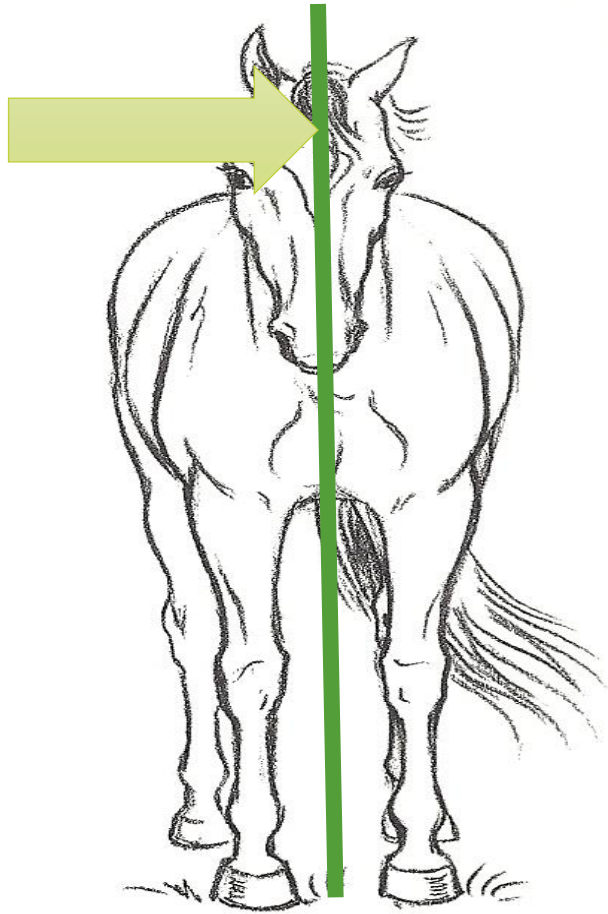
A. Crest

B. Loin

C. Croup

D. Dock

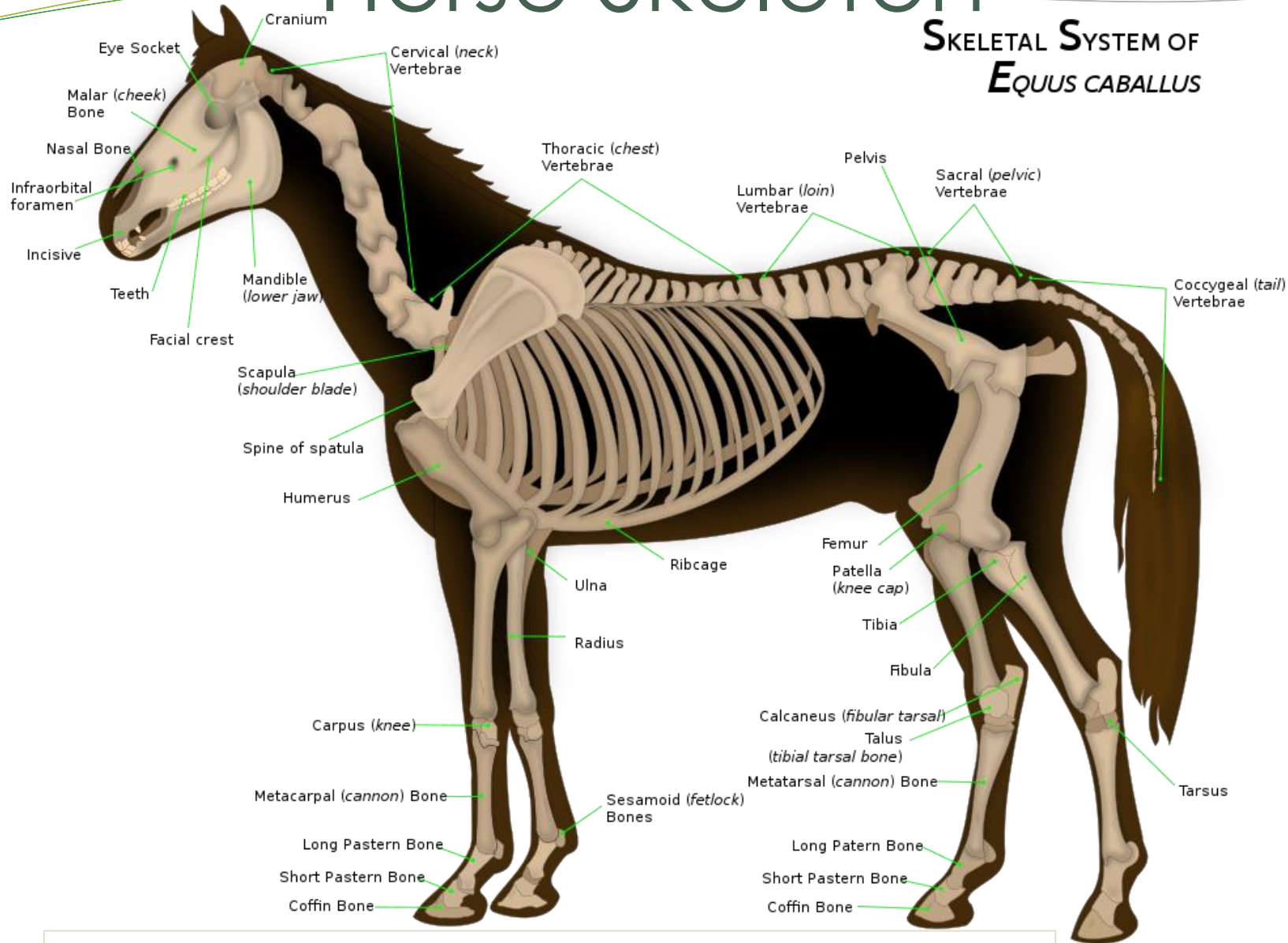
# What is the name of this line?



- A. Half-line
- B. Quarter-line
- C. Mid-line
- A. Lateral line

# Horse Skeleton

## SKELETAL SYSTEM OF *EQUUS CABALLUS*



By Wikipedian Prolific, vectorization process by Wilfredor This W3C-unspecified vector image was created with Inkscape. - File:Horseanatomy.png, CC BY-SA 3.0, <https://commons.wikimedia.org/w/index.php?curid=44546089>

# Station Quiz: Anatomy!

Tips:

Read the list of terms

Do the ones you know first

Make educated guesses

Fill in all of the answers

## Arabian Mares

<https://arabianhorseworld.com/you-be-the-judge/>







2



1

Placings: 2-1-4-3  
Cuts: 2-1-3



4



3

# References

- American Youth Horse Council. (2016). *Horse Smarts: An Equine Reference & Youth Activity Guide*. American Youth Horse Council.
- Antoniewicz, R. J. (2001a). *Horse Science*. National 4-H Council.
- Antoniewicz, R. J. (2001b). *Horses and Horsemanship*. National 4-H Council.
- Griffiths, J. T. (2008). *Equine Science Basic Knowledge for Horse People of all Ages*. Equine Network.
- Kainer, R. A., & McCracken, T. O. (1998). *Horse Anatomy: A Coloring Atlas*. Dogwise Publishing.
- New Horizons Equine Education Center. (2019). *Illustrated Dictionary of Equine Terms* (V. Bergsten, C. May, & C. O'Hala (eds.)). Dogwise Publishing.