

# Equine Anatomy & Physiology

## Keratin

main structural protein found in hair, wool, horns and feathers

## Forage

food such as grass or hay for horses

## Arteries

blood vessels which carry oxygenated blood away from the heart to the rest of the body

## Veins

blood vessels which carry blood towards the heart

## Trachea

windpipe which allows air to and from the lungs

## Bronchi

two main branches of the trachea

## Lungs

pair of organs in the rib cage which are responsible for inhaling oxygen and releasing carbon dioxide

## Pituitary Gland

located at the base of the brain and controls growth and development

## Thyroid Gland

gland in the neck which secretes hormones regulating growth and development and the rate of metabolism

## Parathyroid Glands

located behind the thyroid gland and regulates calcium

## Adrenal Glands

located above each kidney and helps control the heart rate and blood pressure

## Pancreas

large gland behind the stomach which releases digestive enzymes

## Ovaries

female reproductive organ in which eggs are produced

## Testicles

male organ which produces sperm

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## Dehydration

condition caused by an increased loss of water from the body

## Stimuli

something which causes an internal or external body response