





# ILLINOIS STUDENT CHAPTER OF THE SOCIETY FOR THERIOGENOLOGY

# Therio Club! (Reproduction)

# What is the Society for Theriogenology?

## Mission Statement

The Society for Theriogenology is an organization of veterinarians dedicated to animal reproduction, whose mission is to promote standards of excellence in reproductive medicine, to provide outreach and education to veterinarians, and to foster continual improvements in theriogenology.



# What does a theriogenologist do?

We aid in all steps of reproduction from getting animals pregnant to birthing as well as breeding soundness exams on males and females to make sure they are ready to reproduce



# Why do we need theriogenologists?

Veterinarians who know all about how to get animals pregnant and produce more baby animals help keep all your favorite species around, from household pets to farm animals to zoo animals, even preventing species from becoming endangered or extinct!

# Cow Giving Birth



# Trivia question #1

How long is a cow pregnant for?

- A. 7 months
- B. 8 months
- C. 9 months
- D. 10 month



# Answer #1

The correct answer is C.

Cows are pregnant for 9 months.

While cows are much larger than humans, they have the same gestation/pregnancy length.



# Diagnosing Pregnancy Via Ultrasound

Bovine Fetal Aging with BoviScan HD  
Ultrasound Images from 34 to 71 Days

**Repro**  
**S**can



43 day pregnancy

# Mare Giving Birth



# Trivia Question #2

What is the average weight of a newborn foal?

- A. 75 lbs
- B. 100 lbs
- C. 125 lbs
- D. 150 lbs



# Answer #2

On average a foal at birth will weight approximately 10% of their mothers weight.

The average mare weights approx. 1,000 lbs making the foal average weight 100lbs.

B is the correct answer.

# Trivia Question #3

What is the term for an infant bat?

A. Pup

B. Cria

C. Kit

D. Cub



# Answer #3

The correct answer is A.

A newborn bat is referred to as a pup.

Bats give birth to one baby and the baby survives on its milk for the beginning stages of its life, like other mammals.

# Trivia Question #4

Which animal species normally goes through a 'fake pregnancy' for a few weeks 1-2 times per year even if they are not actually pregnant?

- A. panda
- B. fox
- C. dog
- D. hamster

# Answer #4

The correct answer is C!

Dogs go through a pseudopregnancy or fake pregnancy a couple times a year. During this time, even though they are not pregnant, they may experience signs of pregnancy such as vomiting, milk production, lethargy, nesting behaviors, and increased water retention. This lasts for up to 3 weeks.



# Myth Buster Questions

1. Myth or Fact?

The male seahorse can give birth to more than 1,000 baby seahorses



# Myth Buster Questions

Fact!

The female seahorse gives the male her eggs and the male keeps them in his pouch for 20 days before giving birth.



# Myth Buster Question

## 2. Myth or Fact

Horses, in the wild, only breed during the winter months.



# Myth Buster Questions

Myth!

Horses are known to only breed in the summer months, so the foals are born in the spring or early summer. This is so there is more food available for the mother to graze in order to produce milk for the baby.

# Myth Buster Questions

## 3. Myth or Fact

In order for cows to produce milk they must give birth to a calf.



# Myth Buster Questions

Fact!

Cows will start to produce milk at the end of their pregnancy due to different hormonal signals within their body. In order to keep producing milk they must give birth to a new calf each year.



# Myth Buster Questions

## 4. Myth or Fact

Sheep and goats typically only have one baby each year.



# Myth Buster Questions

Myth!!

Sheep and goats are actually more likely to have twins than they are to have a single baby.

Triplets are also fairly common.







Thank you for coming!

