

Equine Team

Located at the NC State Veterinary Hospital's Equine and Farm Animal Veterinary Center, our equine service provides superior diagnosis and treatment of medical and surgical disorders in horses, including 24/7 emergency services. This world-class care is supported by cutting-edge diagnostic procedures, including body ultrasound; endoscopy of the respiratory system, stomach and bladder; and high-resolution radiography, CT scan and MRI techniques. NC State features a large team of boardcertified specialists, experienced residents and dedicated licensed veterinary technicians. Our mission also includes a focus on research and teaching.

go.ncsu.edu/NCStateEquine

What Makes NC State Special?

- NC State is the only facility in the Carolinas with MRI capabilities for the large animal.
- NC State has the most technically advanced endoscope on the East Coast, improving our ability to diagnose upper GI disease in the horse.
- NC State is the worldwide leader in equine ophthalmology, including pioneering the first sight-saving cyclosporine implant for the treatment of equine recurrent uveitis, the leading cause of blindness in the horse.
- NC State is the only university in the Southeast with a team of specialists in equine sports medicine and rehabilitation.
- NC State is the only veterinary hospital on the East Coast to use advanced MRI and ultrasound techniques to precisely provide regenerative therapies to injured areas.
- NC State is the only regional source of specialized reproductive services in the state.
- NC State is the only university in the United States performing stem cell research for the treatment of orthopedic, gastrointestinal and ophthalmologic injuries and diseases.
- Laser surgery for horses started at NC State and continues to be an area of innovation.

Medical Services

EMERGENCY CARE

We provide year-round equine emergency care, 24/7, for critically ill and injured animals, neonatal intensive care and high-risk pregnancies, and urgent care (same-day, no appointment) equine patients.

Our collaborative medical teams include board-certified surgeons and specialists in reproduction, anesthesiology, pain management, sports medicine, rehabilitation, radiology, and equine/large animal internal medicine. Your animal is monitored 24 hours per day during their entire stay.

Following are equine medical conditions that should be seen immediately:

- Colic
- Serious lacerations
- Bleeding from the nose
- Choking
- Fractures

- -Trauma
- Snake bite
- Abnormal or difficult birthing
- Muscle cramping
- Respiratory difficulty

INTERNAL MEDICINE

Our specialists diagnose and treat animals with medical problems including cardiac, neurologic, respiratory, gastrointestinal, muscular, infectious, hematologic, renal and endocrine disorders. Board-certified dermatologists are available by appointment to consult on animals with skin problems.

SURGICAL SERVICES

Our surgeons are leaders in their selected fields of specialty, including orthopedic and soft-tissue surgery. Sophisticated surgical procedures include: arthroscopy, endoscopy, laparoscopy, and emergency surgical procedures such as colic surgery.

OPHTHALMOLOGY

Our ophthalmology experts treat eye conditions such as corneal ulcers, Equine Recurrent Uveitis, cataracts, and glaucoma. A full range of ocular surgery is offered for conditions including lid lacerations, deep corneal ulcers or perforations, eyelid tumors and cancers, and cataracts. For patients requiring intensive treatment and close monitoring, hospitalization is available for round-the-clock care.

REPRODUCTIVE SERVICES

Our specialists offer expertise in breeding, advanced assisted reproductive technologies, and diagnosis and management of high-risk pregnancies. We also provide reproductive services for stallions, including training for semen collection, evaluation of infertility, and semen freezing.

DIAGNOSTIC & IMAGING SERVICES

Our specialty services are supported by up-to-date diagnostic procedures, including ultrasound; nuclear scintigraphy (bone scan), standing and exercising respiratory endoscopy, as well as endoscopy of the stomach and bladder; and a digital radiography, CT scan and MRI.

NC State is one of the few veterinary hospitals that provide high field MRI imaging for horses.

SPORTS MEDICINE

Our specialists and certified rehabilitation staff diagnose and treat causes of lameness and poor performance. In addition to surgical procedures, we offer regenerative therapies including stem cells, PRP and IRAP, and will create a controlled exercise program for returning your horse to performance.



What Our Clients Say

Our clients frequently take the time to let us know how they feel about the treatment their pets received at NC State. Here are some recent examples:

> "Everyone was amazing and went above and beyond -I'm so thankful"

> > - Vanessa M.

"Thank you for everything! You are all exceptional people to work with, everyone is very, very caring, keep up the great work!!"

– Linda L.

"Amazing facility, very positive experience."

- Sarah P.

