

Horses continually exert extraordinary amounts of effort. Because of this and their unique physical characteristics, horses are extremely susceptible to an array of athletic related injuries.

These types of injuries are extremely frequent in active horses and can often lead to a degenerative disease or a reduction in performance.

Conventional therapies and surgery often treat the aftermath of the injury as opposed to the cause. Surgery results in scar tissue which impedes range of motion and the ability of the horse to return to its previous level of work and athletic endeavor.

Stem cells are extremely versatile and can be applied to soft tissue and joint injuries to aid in the regeneration and rehabilitation process. Stem cells can be used to treat such common injuries as Bowed Tendons or Suspensory Ligament injuries. Additionally, most soft tissue and joint injuries have the ability to respond favorably to adult stem cell treatment.

Stem cell therapy can allow horses with these types of injuries to return to the previous level of activity and lifestyle.

AVSC's US partner organization - Vet-Stem Inc - has provided Stem Cell Services for treatment of more horses than any other company in the world.

Current Uses for Stem Cells in Horses:

- Tendon and ligament injuries
- Arthritic joints
- Integrated with surgery

**Why AVSC regenerative medicine for your horse?**

- Off the Shelf cultured/expanded cells from specifically selected donor horses.
- Stringent processing protocols and quality control methods
- Expert veterinary support for your veterinarian
- Demonstrated efficacy in scientific studies
- Cell banking -- automatic storage of cells for potential future use

**Description of AVSC stem cell service:**

- Your Veterinarian orders either 'off the shelf' cultured cells or collects fat from your horse
- Normally your veterinarian will order 'pure' 'off the shelf' stem cells - AVSC delivers Stem Cells ready to inject
- If your veterinarian prefers to treat with cells derived from your own horse, AVSC processes the fat to isolate and grow Stem Cells - delivery will be in approximately 14-21 days