

# Arthrex ACP<sup>®</sup> Double Syringe

ACP - Autologous Conditioned Plasma

Natural Healing

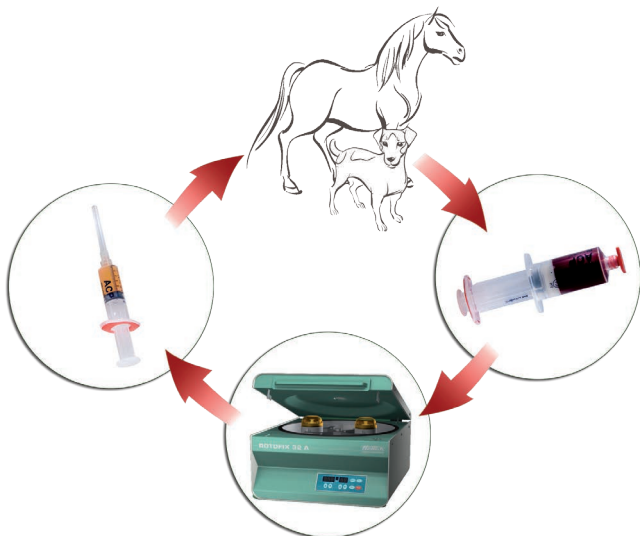


Arthrex<sup>®</sup>  
Vet Systems

# ACP at a glance

ACP has been used for many years in people and animals.

- **Recommended for injuries to the tendons, ligaments, muscles and joints**
- **Using the body's own ability to regenerate and heal itself**
- **No side effects are known as the body's own healing mechanisms are employed**
- **Reduce pain and support return to activity**
- **Quick and efficient procedure**

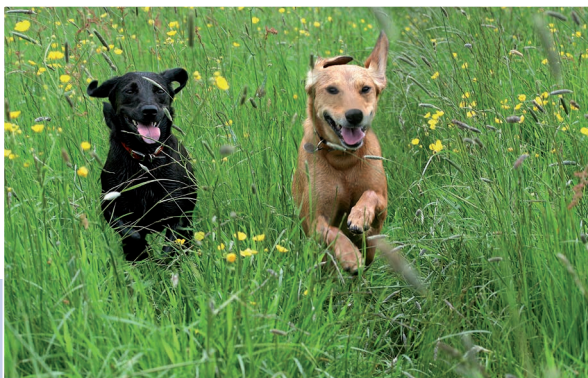


# The Healing Process

Healing after an injury involves a well-orchestrated and complex series of events where proteins in the blood have primary roles, promoting effective repair. Many proteins involved in the healing process come from the components of blood called platelets.

When an injury occurs, the platelets become activated and start to gather at the injury site to release beneficial proteins called growth factors. This is the beginning of the healing process.

For many years, blood products have been used in different types of therapies. New research and technology have uncovered the beneficial effects of platelets and expanded the application of blood products for use in orthopaedic procedures in people, dogs, and horses.



# What is Autologous Conditioned Plasma (ACP)?

Autologous Conditioned Plasma is a specific blood product made by separating a patient's own plasma.

The veterinarian or technician will take a blood sample using a needle and a specially designed syringe. The blood then goes through a rapid spinning process that separates and concentrates the platelets and beneficial growth factors in the plasma portion of the blood.

ACP can then be used as a concentrated version of the patient's own growth factors to improve signaling and recruitment of cells to an injury site and optimize healing.

It is injected into the injured muscle, tendon, ligament, joint or wound. The entire ACP treatment process is usually done in less than 20 minutes.



# What are the Clinical and Surgical Applications of ACP?

ACP can promote the healing process for most injuries to the musculoskeletal system. Tears, defects, degeneration, or inflammation of muscles, tendons and ligaments can often be treated successfully with ACP. ACP can also be an effective augmentation for surgical repair of these tissues.

ACP has also shown significant promise for improving pain relief and function in the treatment of osteoarthritis. Having the potential to provide an autologous, therapeutic option to help treat this common, debilitating disease is a welcome advance for veterinarians and clients.

Dogs and horses are often affected with wounds that do not heal well for a variety of reasons. ACP provides growth factors that promote healing of these difficult wounds.



## References

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