

What is ProTec® PRP and how does it work?

ProTec Platelet-Rich Plasma (PRP) is a regenerative therapy that uses the healing benefits of an animal's own blood to jumpstart recovery. ProTec uses a sterile, single-use kit to draw a small amount of blood from an animal into a sterile tube. That tube is spun in a centrifuge at a set speed. With the ProTec system, red and white blood cells are separated from the plasma so that the remaining plasma becomes rich in healing platelets and growth factors – referred to as Platelet-Rich Plasma or PRP. Using a sterile needle, your veterinarian will inject only the PRP – typically a yellowish/gold color – into the wound or injury.

How does PRP help?

The stress of daily activity or work causes degeneration in tendons, ligaments, and joints which may lead to chronic pain and weakness. There is typically poor blood supply to these injured areas, so they do not usually heal from damage quickly. PRP helps to accelerate healing and provide symptom relief for a faster return to everyday activities. The growth factors and other proteins in PRP help to repair and regenerate connective tissues and keep them healthy, reduce inflammation, stimulate cells, relieve pain, and reduce scar tissue formation.

What situations should ProTec be used?

ProTec is ideal to use in any application where faster healing, increased wound strength, pain relief, and reduced scarring is desired. Your veterinarian may recommend ProTec PRP be used in tendon/ligament injuries, joint injuries, for wound healing, or for an injury where there is a need for increased blood flow.

Is PRP right for my animal?

If your animal has a tendon or ligament injury, or degenerated joints, and traditional methods have not provided lasting relief, then PRP may be the solution. It may heal tissue with minimal or no scarring, and alleviate further degeneration. The procedure is noninvasive, less expensive than surgery, and may eliminate the need for long-term medication use. Talk to us about whether or not PRP is right for your animal's specific condition.

Is ProTec safe?

ProTec is safe and associated with minimal side effects. Because it is an autologous therapy, meaning the animal is being treated with a product from its own body (i.e. blood), there is little risk.