



Positioning of the needle in the joint is easily accomplished using digital x-rays.

Bio Gel injections for arthritic patients. It is an outpatient procedure; the animal goes home at the end of the day. Anesthesia is required.

It is essentially a painless procedure with remarkable results.

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Bio Gel a Breakthrough Treatment for Canine Osteoarthritis

AMSC has an exciting treatment for canine osteoarthritis. This technique involves a simple, non-invasive injection of biogel into the arthritic joint, resulting in natural physiological tissue repair. Only a mild anesthetic is required for the procedure. This treatment is especially recommended as an alternative to surgery for older dogs who are suffering from osteoarthritis. We have patients that are out 18 months so far and still doing remarkably well with no pain medication. Please schedule an appointment to determine if your dog is a candidate for this treatment.

Miraculously this product acts similar to stem cells, but is not actually stem cells. It is a product made from the collagen (protein) produced from the tendons and ligaments of pigs. The cells are then “reverse engineered”, which is a process that opens up the DNA configuration in the cells to make them think they are fetal cells. These cells then have similar regenerative properties as fetal cells. For example, if a fetus in a mother's womb were to have a thumb cut off at say 4 months along; when the baby is born, the thumb would have re-grown. These regenerative properties are lost as we age due to the contraction of the DNA helix. By opening the DNA helix back up, these pig cells become like fetal cells. When injected into a fracture site, they stimulate bone healing. When injected into a repaired tendon, they stimulate tendon healing.

Since the completion of the National Clinical Trials we performed here at AMSC, we have found that when these cells are injected into arthritic joints, they produce remarkable results, allowing the arthritic patient pain relief from the arthritis with no other harsh pain medications. The injections may last from 1 – 2 years; we are unsure of the duration at this point. We have patients that are out 18 months so far and still doing remarkably well with no pain medications. Many of these animals could not function without heavy doses of pain medications prior to the injections.

Currently we are offering Bio Gel injections for arthritic patients. It is an outpatient procedure; the animal goes home at the end of the day. Anesthesia is required. It is essentially a painless procedure. All of the animals so far have been able to come off their pain medications at 7 days following the injections.

For more information, go to TRMatrix.com then click on the “Pet Owners” tab on the left.

Also click on the “Canine Joint Report” tab at the bottom section of the Home Page.