



Veterinarian and Owner Checklist for Vet-Stem Regenerative Cell Therapy

Pet owners and veterinarians are encouraged to discuss the following information together prior to making a decision regarding treatment with Vet-Stem Cell therapy. We believe that well informed clients make the best decisions and the best long-term customers.

Primary Uses for Vet-Stem cell therapy

- Leg joint Osteoarthritis due to hip dysplasia, elbow dysplasia, other congenital malformation, normal wear and tear of any leg joint, etc. X-rays or arthroscopy suggested to confirm diagnosis
- Partial tears (25% or less) of tendons or ligaments
- Polyarthritis (arthritis in many joints with immune system involvement)
- OCD, Cartilage Damage (Vet-Stem suggests bony fragments be treated with arthroscopy and cells together)
- Fractures

Is it safe for this pet to undergo a surgical procedure?

- Pet should be in general good health as indicated by recent physical exam. Current diagnostic workup indicating good health may include chest x-ray, CBC, Chemistry profile, Urinalysis, Thyroid test and/or Tick titers

Conditions that disqualify a pet for stem cell therapy

- Cancer or tumor of undetermined type
- Active systemic infection

Conditions that are present IN ADDITION to the ones listed above, that might reduce the success of stem cell therapy

- Neurologic disorders such as Degenerative Myelopathy, Intervertebral Disc Disease (IVDD)
- Spinal cord arthritis, spinal cord injuries, lumbrosacral disease, nerve damage, paralysis
- Poorly controlled diabetes
- Any organ disease (heart, liver, kidney etc)

Aftercare

- Review need for pain medications _____
- Review recuperation from surgery, possible seroma formation at collection site, and follow-up examinations
- Review restricted exercise after stem cell therapy and rehabilitation plan

Potential Negative Outcomes: (low risk does not mean no risk)

- It is very rare for owners or veterinarians to report a negative reaction to Vet-Stem Cell therapy because the cells are from the animal itself. Out of over 1600 dogs, only 0.1% were reported to have reactions to the procedure.
- We have researched each of these cases and the likely cause for these was manipulation of the joint during injection. Joints that are stiff and have osteoarthritis can be aggravated by the manipulation of the joint that is required during a joint injection.
- Most of these negative impacts resolved after several days, but the impact to the pet was negative and resulted in additional pain medication and/or care. Owners were also impacted emotionally and financially.
- Negative outcomes due to anesthesia risk is the same as with any surgical procedure. A spay surgery is very close to what is involved in removing a fat sample. Always consult your veterinarian prior to any procedure that requires anesthesia for your pet.

Potentially less effective than expected: (over 75% of owners report improved quality of life)

- Like other treatment options, not all pets respond to Vet-Stem cell therapy. Approximately 25% of dogs treated for arthritis had no improvement in quality of life according to voluntary owner surveys ([link to QOL](#)).
- We are working to determine the best ways to predict success in individual animals, but we do not yet have a way to determine how individual animals will respond. The information above is provided to promote successful outcomes and reduce conditions that might reduce success.

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