Regenerative Medicine in Small Animals

New Adjunctive Treatment at UT VCM Small Animal Hospital

**INDICATIONS:** osteoarthritis, fractures, cartilage, ligament or tendon damage

**Culture-expanded bone marrow-derived mesenchymal stem cells (BMMSCs) adjunctive treatment:** Bone marrow is harvested for isolation and expansion of BMMSCs in culture. The culture-expanded BMMSC are injected under fluoroscopic guidance or direct visualization.

**OUTCOME:** Patients with arthritis have improved lameness, pain, range of motion, and physical function after intra-articular injections of stem cells.

**CONTACT:**
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or visit the Stem Cells website for additional information at: [https://vetmed.tennessee.edu/vmc/SmallAnimalHospital/Regenerativemedicine](https://vetmed.tennessee.edu/vmc/SmallAnimalHospital/Regenerativemedicine)

We are developing novel therapies and methods for musculoskeletal disorders in order to improve the health of our pets and humans. Please help make a difference: [http://www.vet.utk.edu/giving/giving-makegiftnow.php](http://www.vet.utk.edu/giving/giving-makegiftnow.php)
Under “Gift Funds” please select “Small Animal Research” with note “Stem cells”.  