

Australian Veterinary Stem Cells Pty Ltd



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Canine Data - Osteoarthritis

Australian Veterinary Stem Cells (AVSC) has been conducting research/clinical trials in respect to canine osteoarthritis. At this stage AVSC has received/collected data from 22 veterinarians in respect to in excess of 200 dogs treated with mesenchymal stem cells for canine osteoarthritis.

Most dogs were treated with intra-articular injections (into the 'problem' joints), while some were treated with an intravenous injection.

Veterinarians graded the dogs (post treatment) on a Quality of Life score of 1-5 - where 1 was a significant improvement, 2 was an improvement, 3 - no change, 4 a slight worsening of the condition and 5 a significant worsening

Based upon veterinarians assessments of the dogs treated since AVSC finalized its current dosage regime, the following is a summary of the trial results:-

A) Intra- Articular Treatments (one injection per joint treated) :-

91% of dogs improved

Approx. 60% of dogs showed significant improvement

B) Intra – Venous Treatments (one injection per treatment/case)

(no anaesthetic necessary) :-

79% of dogs improved

The majority of dogs treated with an intra-venous injection have been relatively older dogs (many 14-16 years) with 'systemic problems' and very degenerative conditions. Many of these dogs have had a number of other conditions – as well as Osteoarthritis (eg degenerative myelopathy, polyarthritis? etc.). The majority of 'non-improvers' were these older dogs (14 years and older) and/or those with a very severe/poor condition/prognosis

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