

Australian Veterinary Stem Cells Pty Ltd



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Canine Data - Osteoarthritis

AVSC has been conducting research/clinical trials in respect to canine osteoarthritis. At this stage AVSC has received/collected data from 19 veterinarians in respect to in excess of 120 dogs treated with mesenchymal stem cells for canine osteoarthritis.

Most dogs were treated with intra-articular injections (into the 'problem' joints), while a small number 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) :-

96% 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 were older dogs (many 14-16 years) with 'systemic problems' and very degenerative conditions. Many had a number of severe problems/conditions other than OA itself (eg degenerative myelopathy, polyarthritis? etc.).

The majority of the 'non-improvers' were these older dogs (14 years and older) and/or those with a very severe/poor condition/prognosis

C) Overall:-

93% of dogs improved

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