

INSTRUCTIONS FOR USE DOG-STEM^{allo}®

Intended use

Fat-Stem provides an efficient stem cell therapy product using implantation of allogeneic stem cells named **"Dog-Stem^{allo}®"** for the treatment of dogs with mild to severe **joint osteoarthritis** (OA) with a minimum duration of 6 months and demonstrated radiographic evidence. Also degenerative joint disease of higher score like severe hip dysplasia (coxofemoral and elbow joints) with chronic pain and persistent lameness with functional moving disabilities (stiffness) can be treated. The advantage of **"Dog-Stem^{allo}®"** is that it can be delivered within a short period of time and without the need for a fat biopsy from the dog.

Delivery of the therapeutical stem cell product:

The stem cell isolate (1 ml) will be shipped by Fat-Stem within 10 days after request. It comes as an injectable stem cell isolate at ambient temperature. It should be used within 8 hours upon arrival in the clinic.

Implantation of the therapeutical stem cell product

The stem cell suspension is mixed and drawn with caution into a syringe for injection. Under general (or local) anaesthesia the suspension is injected into maximum two joints. For injection within multiple joints, equivalent amounts of **"Dog-Stem^{allo}®"** are needed. In case of rheumatoid arthritis cells can be injected intravenously.

Clinical Outcome

A revalidation period of three weeks with controlled movements is advised and will improve the quality of the repair of the joint. Most dogs are a little more uncomfortable for the first three to five days and gradually get better over the next month. The maximum regenerative effect is reached at 3 months and therefore follow-up is advised to evaluate improvements. A medical file for the evaluation of the treatment is available for both veterinarian and owner, upon request (willingness to participate in our clinical study).