

Instructions for Veterinarians

Contact our experts for more information and support in choosing the optimal Fat-Stem solution. Prices are available on request. Reach out to us using the website's contact form.

Products can be ordered directly by email (info@fat-stem.be) or telephone (+32 (0)53 80 95 90). All products are shipped within 24 hours.

AUTOLOGOUS THERAPY

As they use the animal's own stem cells, these products require a biopsy and blood collection. Stem cells are cultured at the Fat-Stem laboratories and provided to your clinic for injection. Product-specific instructions are included on the website in the brochure found under "More information". A detailed protocol for sampling, injection and after care is provided with the kit.

Generally, an autologous therapy consists of the following steps:

Collection of the sample:

- After your purchase, a collection kit is provided containing all necessary disposable equipment and detailed instructions for our autologous therapies. Kits can be stored for up to 1 year before use.
- In your clinic, a biopsy is done under local anesthesia in horses, and local or general anesthesia in dogs or cats. A total of 10 ml of fat is harvested in aseptic conditions. The fat is transferred to a sterile tube with storage solution, provided with our collection kit.
- Simultaneously, blood is collected into tubes or bags depending on the animal, which are also provided with the kit.
- The collection kit is delivered by Fat-Stem at your clinic.

We recommend you to inform us of the date and time of the fat biopsy, so we can assure the smallest possible gap between harvesting and processing of the sample.

Implantation of the therapeutical product:

- 2 to 3 weeks after receiving the sample, the cells are delivered to the clinic in an injectable suspension, ready to be used by injection or infiltration in the animal (depending on the clinical situation) under aseptic conditions.
- You will be notified 3 working days before the cells arrive to make arrangements for the injection.
- Together with the stem cells, a new collection kit can be delivered to guarantee the availability of Fat-Stem treatments at your clinic.

ALLOGENIC THERAPY

These products contain cells that are isolated from samples obtained from healthy donors, purified in the lab, and delivered to the clinic in an injectable solution ready to be used under aseptic conditions.

For more immediate situations or when the owners do not want to wait 2 or 3 weeks to obtain the proper number of cells, this is the most practical and economic solution.

A detailed product-specific protocol for injection and after care is included with the product. Generally, an allogenic therapy consists of the following steps:

- Allogenic products are provided as single use aliquots. They are shipped in frozen conditions and can be stored for up to four years in liquid N₂.
- After diagnosis, a sample is quickly thawed at 37°C and injected under local anesthesia.

We recommend the administration of the product on the same day of its arrival to the clinic.

STEM CELLS OF UMBILICAL CORD

To avoid the need for a biopsy, stem cells can be collected at birth and stored in our dedicated facilities.

- The kit contains all necessary materials and detailed instructions to collect the umbilical cord blood.
- Fat-Stem arranges for the collection of the sample and processes it in a controlled environment for stem cell isolation and storage at -196°C.
- The owner receives a certificate of successful storage.
- When the animal needs stem cell therapy, the stored cells are used to create the required Fat-Stem product. This can be delivered within 2 weeks of the order.