

ORTHOSKILL

TREATMENT FOR
CARTILAGE DEGENERATION



BEST-CARE BY YOUR-CELLS



Using the stem cells collected from own FAT to treat the painful orthopedic ailments of knees, hips, shoulders, ankles and other joints. ORTHOSKILL is an innovative treatment for:

- ▶ Mild and moderate joints osteoarthritis
- ▶ Partial Shoulder cuff and Meniscal tears
- ▶ Sport and accidents post-traumatic arthritis

How it works

Bones and cartilage become old or damaged when the cells, which they are composed of, are affected by degenerative processes, that cause pain and motor deficit.

By replacing the degenerated cells with new adipose derived stem cells, it is possible to create a regenerative environment and treat joints degenerative diseases.

When will start to notice results

Some people begin to feel results immediately, although it's more likely that it will take few days or even weeks to begin to see significant effects on your health or to feel your symptoms lessen.

Why do we use adipose derived stem cells

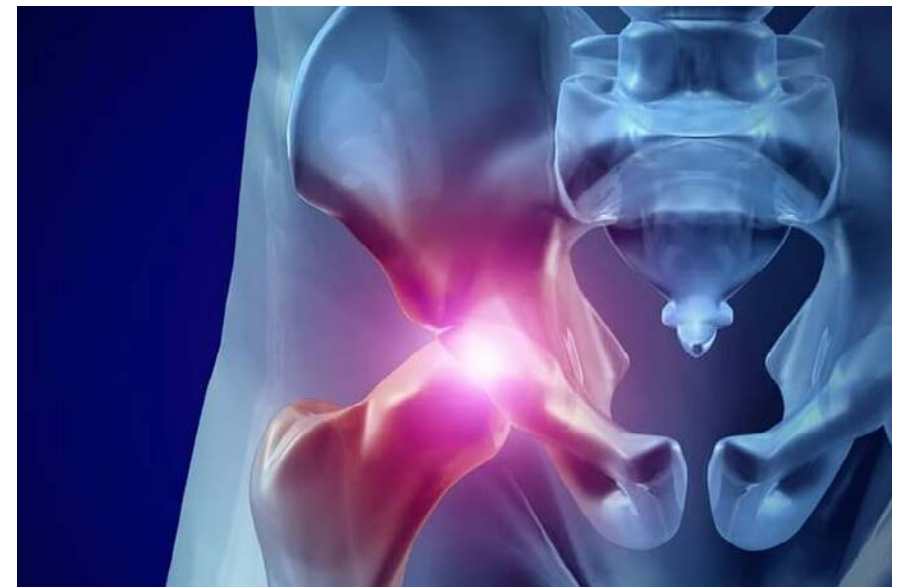
The use of adipose derived stem cells to treat degenerative conditions of moderate and mid-levels in orthopedics is nowadays the most advanced practice available.

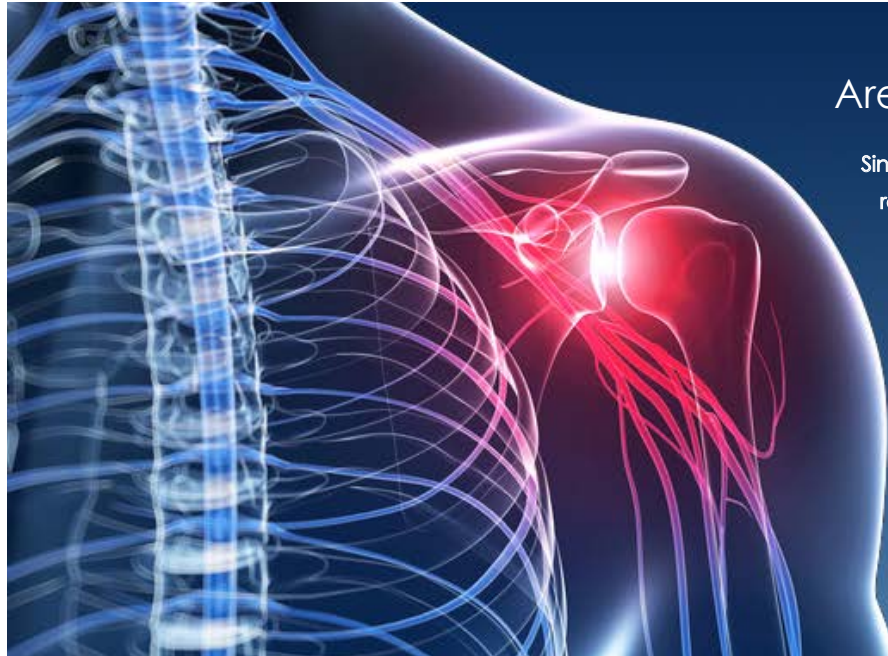
Orthopedic surgeons from all over the world have agreed that adipose derived stem cells represent the one of the best approaches to treat the degeneration of bone and cartilage tissue. It is a good alternative approach to managing symptoms instead of joints replacement.

How long does it take to feel a difference

Response time depends on several subjective factors. The therapeutic efficacy of ORTHOSKILL is usually correlated with the biological age of the patient and not connected with the chronological age. Biological age relates to the lifestyle and the general physical condition (obesity, smoking, alcohol and drugs have a negative effect).

Usually the regenerative response of ORTHOSKILL takes 2-3 months, but improvement is typically noted before then, approximately 6-8 weeks after the treatment.





Are there any side effects

Since we only use patient's own Adipose Derived Stem Cells there are no risks of contamination, rejection or allergic reaction.

However, there could be some minimal side effects related to the fat-biopsy, needed to harvest the adipose tissue, and pain related to administration by injection.

What to expect

- ▶ Improvement of damaged tissue
- ▶ Rapid pain disappearance
- ▶ Improvement of free movements
- ▶ Reduction of joints inflammatory level

How often do i need to get it done

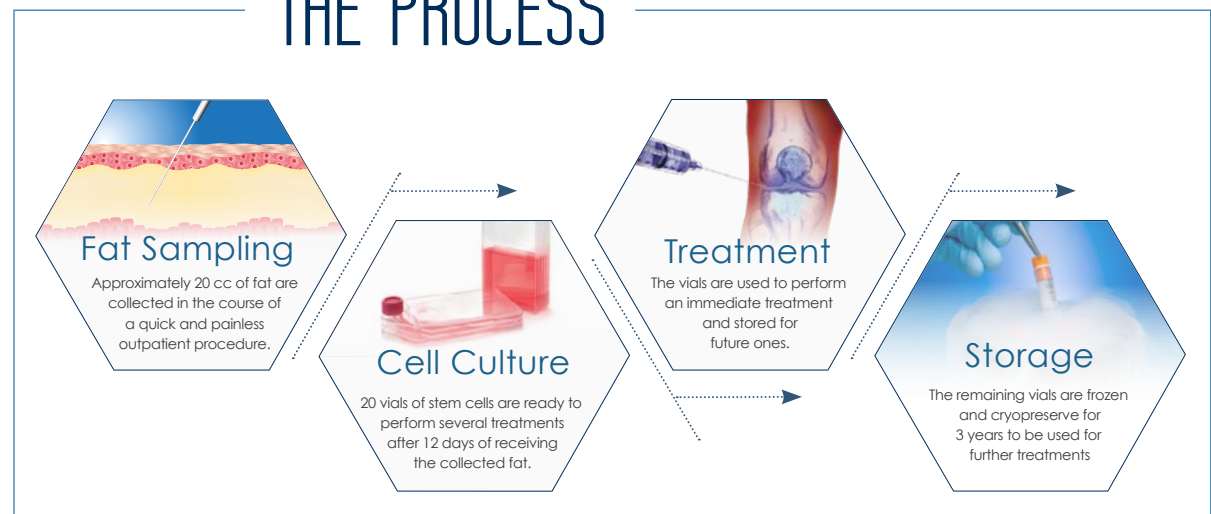
There is not an ideal frequency to perform these procedures because it depends on severity of the condition, and the patient's rate of response.

A treatment may be sufficient, even if it is possible to make different treatments from only one withdrawal of fat.

Are ADSC approved by the Ministry of Health

All the procedures of adipose derived stem cells extraction and expansion are carried out at the Bioscience Laboratories. Bioscience Clinic is licensed by the UAE Ministry of Health and Dubai Health Care City Authority to process, release and inject ADSC.

THE PROCESS



AZIENDA CERTIFICATA
UNI EN ISO 9001:2015



+971 04 37 57 220

www.bioinst.com - info@bioinst.com

SAN MARINO

Strada Rovereta, 42
47891 Falciano RSM

MILANO

Ospedale San Raffaele DIBIT 1
Via Olgettina, 58 Milano - Italy

ROMA

Università di Roma Tor Vergata
Via Ricerca Scientifica, 1 Roma - Italy

DUBAI

Al Razi Building n.64 - Block B
Dubai HealthCare City - UAE

HONG KONG

Unit 802 8/F, No 15 - Science Park
West Avenue - Hong Kong