



FOR THE WELL-BEING OF MOVEMENT

Low molecular weight hydrolyzed collagen



ORTHOPEDICS





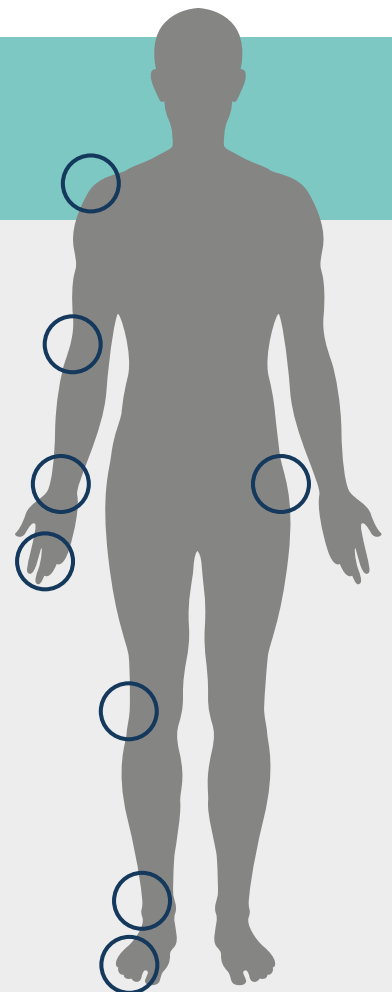
WHEN TO USE IT

In the treatment of painful symptoms and in the loss of function of major joints and muscle-tendon-ligament structures, caused by pathological processes or by traumas including sports: osteoarthritis, epicondylitis, tenosynovitis, iliotibial tendonitis, tendinopathy of the rotator cuff, tenosynovitis of the fibula, etc.

- KNEE
- SHOULDER
- ANKLE AND FOOT
- WRIST AND HAND
- HIP
- ELBOW



CHondroGrid® must be administered by professionals who practice infiltrative therapies: orthopedists, rheumatologists, physiatrists, sports doctors, and pain therapists.



WHAT IS CHONDROGRID®

Hydrolyzed collagen for pain reduction and functional recovery

CHondroGrid® is the innovative infiltrative device based on low molecular weight (<3.3 kDa) hydrolyzed collagen of bovine origin, which strengthens the extracellular matrix. It is available in freeze-dried powder format to ensure maximum stability. Its action encourages the reduction of pain and recovery of function of major joints and of muscle, tendon and ligament structures mainly made up of collagen¹.



Free from the potential risk of transmission of prion diseases.²

A GROWING NEED

To date, more than 340 million people worldwide are affected by osteoarthritis of major joints, with more than 70% suffering from osteoarthritis of the knee³.

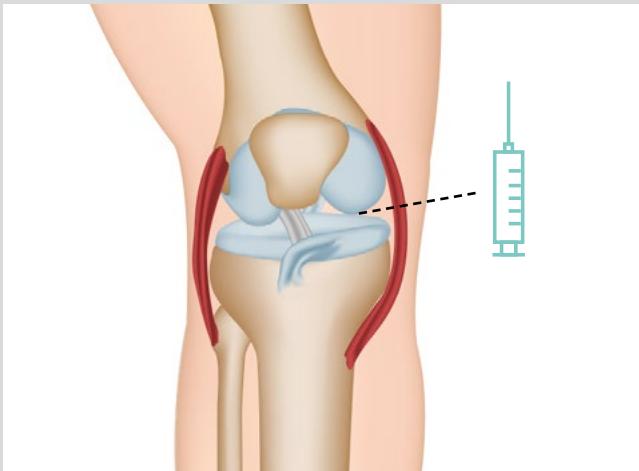
An additional 30 million people worldwide are afflicted with tendinopathies. The latter affect people who make repetitive movements or who assume an incorrect posture⁴.

In the sports field, it has been found that 50% of the problems encountered by athletes are tendon-related⁵.



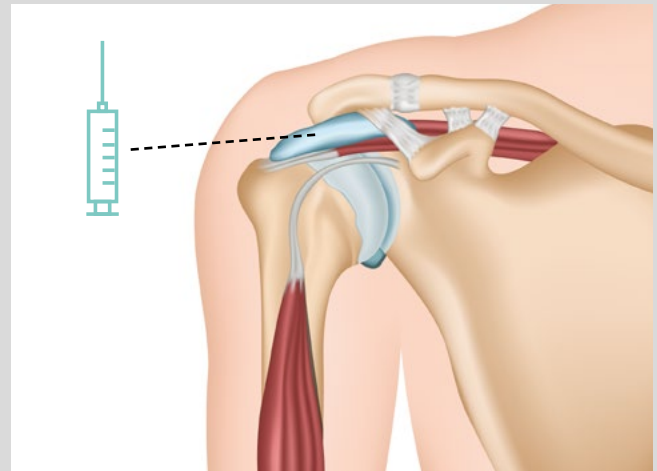
How to use it

Dissolve the product in 2 ml of sterile pyrogen-free water (water for injections); proceed with the injection.



BY INTRA-ARTICULAR ROUTE:

3 injections (the first two, 15 days apart, and the third, 1 month after the second).



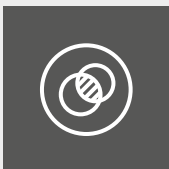
PERI-ARTICULAR ROUTE:

2 injections 30 days apart.

IN MUSCLE-TENDON-LIGAMENT STRUCTURES:

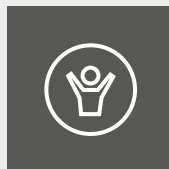
2 injections 10 days apart.

ALL THE BENEFITS OF CHONDROGRID®



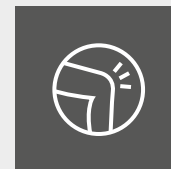
STRENGTHENS THE EXTRACELLULAR MATRIX

CHondroGrid® is distributed on the surface of the injured connective tissue, reinforcing both the cartilage matrix and the muscle, tendon and ligament structures.



PROMOTES FUNCTIONAL RECOVERY

By strengthening damaged connective tissue, Chondrogrid® contributes to a substantial functional recovery from the first administration.



RELIEVES PAIN

By restoring the natural function of tissues, the use of ChondroGrid® allows for an effective reduction of painful symptoms affecting the structures involved.

1. Thankam et al. 2016, MCB.
3. Cieza et al. 2021, The Lancet
4. Loiacono et al. 2019, Medicina
5. Maffulli et al. 2003, Clin. Sports Med



Go to dynamic literature
Discover the constantly updated publications on CHondroGrid®.

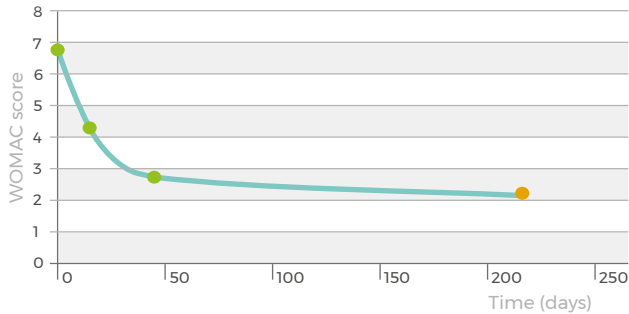


Scientific evidence

INTRA-ARTICULAR ROUTE

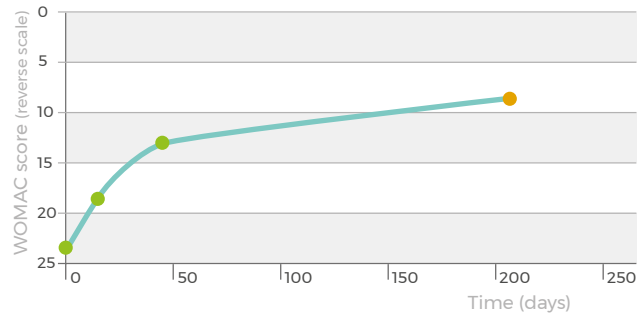
To date, the clinical results on over 100 patients with osteoarthritis of the knee, show the clinical efficacy of CHondroGrid® in pain reduction and functional recovery with a follow up greater than 6 months from the last injection.

*Pain - Osteoarthritis of the knee
Pain reduction > 80%*



- Data collected before injection.
- Data collected at follow up.

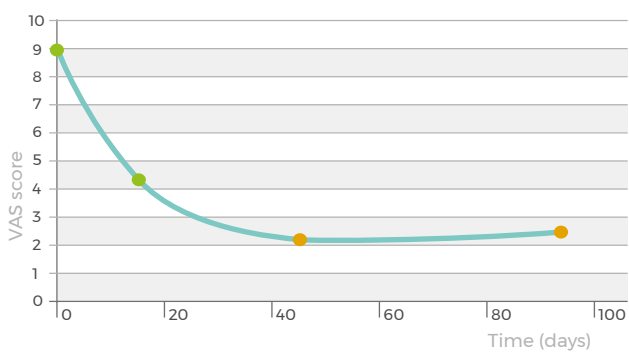
*Function - Osteoarthritis of the knee
Improvement in function > 60%*



PERI-ARTICULAR ROUTE AND ON MUSCLE-TENDON-LIGAMENT STRUCTURES

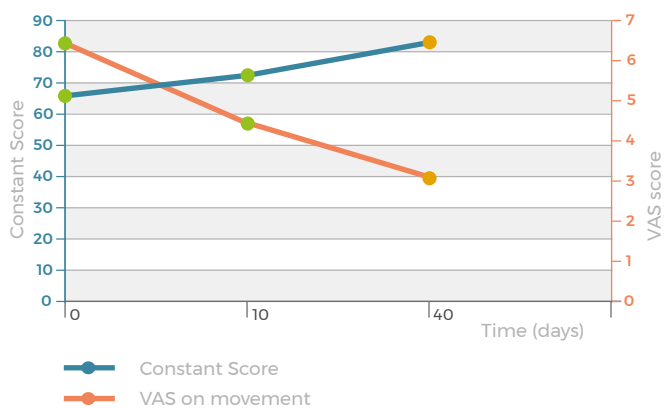
Preliminary clinical results collected in 2 clinical studies, one on patients with patellar tendon and Achilles tendon tendinopathies (graph on the left), and one on patients with rotator cuff tendinopathy (graph on the right), show how CHondroGrid® reduces pain and promotes functional recovery.

*Pain - Achilles Tendon and Patellar Tendon
Pain reduction > 70%*



- Data collected before injection.
- Data collected at follow up.

Pain and function - Rotator Cuff Increase in function (blue line) and consequent reduction of pain > 50% (orange line)



EACH PACKAGE CONTAINS:

Vial containing 4mg of sterile freeze-dried CHondroGrid®.





BIOTECK®. INNOVATING BIOMATERIALS.

Bioteck® is an Italian company that has been producing bone substitutes, protective membranes and regenerative solutions successfully used in orthopedics, neurosurgery and oro-maxillo facial surgery since 1995.

Scientific research and innovation are the guiding principles that have enabled Bioteck® to patent new production processes and to create unique biomaterials of high quality in terms of performance level and safety guarantees. Materials now used in 72 countries worldwide. At its multi-functional center for research and development and thanks to state-of-the-art production processes, every day **Bioteck®** works to pursue its key objective: to innovate biomaterials.

WWW.BIOTECK.COM

BIOTECK ACADEMY. SCIENTIFIC COMMUNITY FOR THE CULTURE OF THE CONSCIOUS CHOICE.

Bioteck Academy is the innovative scientific community which promotes the circulation and sharing of knowledge in the field of tissue regeneration applied to dentistry, maxillo-facial surgery, orthopedics and neurosurgery.

Established as a hub for the clinical and scientific expertise focussed on by **Bioteck®** spanning twenty years of research, today it is an entity open to all professionals who decide to join and share their own surgical experience.

WWW.BIOTECKACADEMY.COM



BIOTECK®



Bioteck S.p.A.

Legal and Administrative Headquarters

Via E. Fermi, 49 – 36057

Arcugnano (VI) – Italy

Tel: +39 0444 289366

Fax: +39 0444 285272

Multi-functional Production,

Research and Development Center

Via G. Agnelli, 3 – 10020

Riva presso Chieri (TO) – Italy

CHondroGrid® is distributed by:

