MD-MATRIX

Medical Device with type I Collagen of porcine origin
Strengthens joints, connective tissue, and the extracellular matrix



SCAN ME

Medical Device CE (class III). Read the instructions and warnings before use.

COMPOSITION
Collagen of porcine origin, Citric acid, Nicotinamide, NaCl, Water for injection.

PACKAGE
Box of 10 vials (single vial 2 ml – extraction volume).

INJECTION ROUTES OF ADMINISTRATION
Periarticular, intradermal, subcutaneous.

SUGGESTED NEEDLES
Periarticular, intradermal, subcutaneous: 26G x 13 mm needle.
Note: Disinfect the skin thoroughly with iodopovidone or chlorhexidine.

INJECTION TECHNIQUES OF ADMINISTRATION
- **Periarticular administration:** insert the needle near the joint to a depth of 4-6 mm.
- **Intradermal e subcutaneous administration:** insert the needle to a depth of 2-4 mm and then perform microinjections of 0.2-0.3 ml in the tissue to be treated.

MAIN INDICATIONS
MD-MATRIX is a medical device designed to improve movement, contributing to contain physiological deterioration of connective tissues and of the extracellular matrix.

MD-MATRIX's main indications are:
- **Aesthetic and regenerative medicine**
  - To firm up the subcutaneous or microvascular connective layer of localised adiposities and fibro-edemo-geloid exuberances of the connective layer (thighs and knees)
  - As a topical, mesotherapeutic or subcutaneous injection treatment to counteract physiological aging and other skin tissue and subcutan ous tissue alterations (abdominal area, knees)
- **Osteo-arthro-myofascial pathologies**
  The following associations are clinically documented:
  - with MD-MUSCLE and MD-NEURAL for the treatment of facial neuralgia
  - with MD-HIP for the treatment of hip osteoarthritis
  - with MD-SHOULDER for the treatment of acute scapulohumeral periarthritis and subdeltoid bursitis.

Treatment can be combined with other therapies.

THERAPEUTIC PROTOCOL:
Periarticular, intradermal, and subcutaneous administration: 1-2 infiltrations per week for 3-5 weeks.
Results are evident from the third week but, depending on the patient's clinical situation, it is possible to continue treatment up to the tenth week without risk.

REFERENCES
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- *Massullo C. - Injectable Guna Collagen Medical Devices in functional recovery from sport traumatology. Case reports. Physiological Regulating Medicine. 2017:3-7.*
- *Tivchev P. Efficacy of collagen injections Guna MD-HIP and Guna MD-MATRIX in treatment of coxarthrosis – Clinical and ultrasonographic examination. Ortopediya i Travmatologiya (Bulgarian Journal of Orthopedics and Trauma), 2012;3(49):123-8.*

For article consultation: collagenmd.guna.com

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Medical device CE 0373

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To offset its plant's CO_2 emissions by contributing to the development of energy efficiency and forest protection initiatives.

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GUNA S.p.a. is a company with quality management standard system ISO 13485 certified by Bureau Veritas Italia SpA

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