

A **SYSTEM**TAILORED TO YOUR PATIENTS' NEEDS

MaioRegen is a joint surface restoration system for the treatment of cartilage and osteochondral lesions, with a comprehensive range of solutions for all the pre-osteoarthritis stages, and supported by the highest level of scientific evidence.

Available in three different configurations, each for a specific indication, MaioRegen is a biomimetic resorbable device ready to use and easily implantable through a straight-forward surgical approach.





Chondral lesions, with mild or no impairment of subchondral bone tissue.





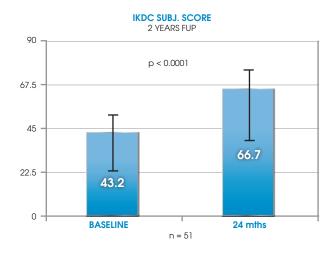




Osteo-chondral lesions with severe bone impairment (Outerbridge grade IV).

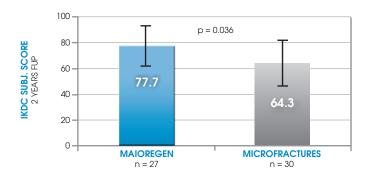
Results from a Level of Evidence I international RCT*

The study has been conducted to assess the benefit provided by MaioRegen Prime (tri-layer) scaffold.



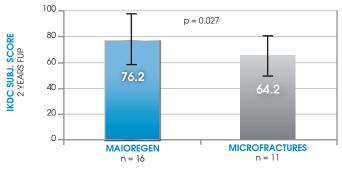
Statistical significant improvement in IKDC Subjective Score for patients treated with MaioRegen from baseline to 2 years follow-up.

Evidence of MaioRegen superiority vs microfracture



Deep Osteochondral Lesions

Statistically significant MaioRegen superiority: +12.4 points vs Microfracture in change from baseline of IKDC Subjective score.



Sport Active Patients

Statistically significant MaioRegen superiority: +16.0 points vs Microfracture in change from baseline of IKDC Subjective score.

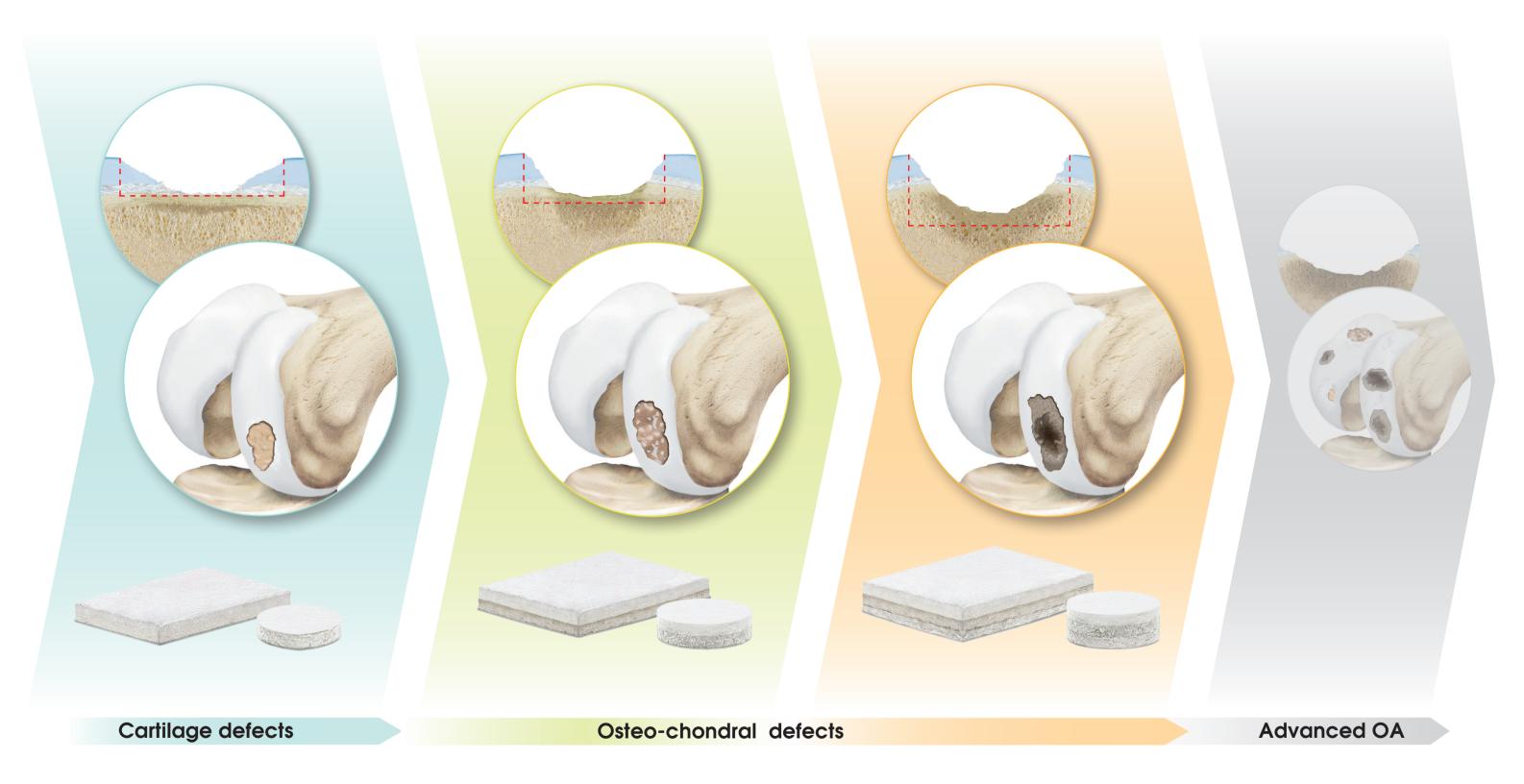
76.7 p = 0.144 MAIOREGEN MICROFRACTURES n = 15 MICROFRACTURES n = 12

Osteochondritis Dissecans

Clinically relevant improvement of MaioRegen: +12.0 points vs Microfracture in change from baseline of IKDC Subjective score.

Clear Clinical Indications: RCT analysis in above sub-populations confirms the superiority of MaioRegen compared to microfracture.

Clear clinical indications based on the specific disease stage















Shapes and Sizes*

01600401	2,0 x 3,0 x 0,2 cm
01600400	3,0 x 4,0 x 0,2 cm
01600403	\emptyset = 1,2 cm H = 0,2 cm
01600405	$\emptyset = 1.5 \text{ cm H} = 0.2 \text{ cm}$
01600404	\emptyset = 1,8 cm H = 0,2 cm

MaioRegen Chondro+



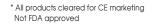
01600289	2,0 x 3,0 x 0,4 cm
01600287	3,0 x 4,0 x 0,4 cm
01600290	\emptyset = 1,2 cm H = 0,4 cm
01600282	\emptyset = 1,5 cm H = 0,4 cm
01600292	Ø = 1,8 cm H = 0,4 cm

MaioRegen Slim



01600288	2,0 x 3,0 x 0,6 cm
01600286	3,0 x 4,0 x 0,6 cm
01600285	Ø = 1,2 cm H = 0,6 cm
01600275	Ø = 1,5 cm H = 0,6 cm
01600291	Ø = 1,8 cm H = 0,6 cm

MaioRegen **Prime**







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