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SEVEN

New Implant by mis

MIS Implants Technologies Ltd.
Shlomi Industrial zone
P.O.Box 110 Shlomi 22832, ISRAEL
Tel: +972 (0)4 980 99 66
Fax: +972 (0)4 980 99 44

www.mis-implants.com

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mis
Keep It Simple

MIS is proud to launch the new implant, we call it SEVEN.

The new implant is a product of a comprehensive research procedure, and was validated in an international multi-central testing project. The SEVEN combines several advanced characteristics for providing a simple-to-use and successful implant.

Dual thread improve the insertion speed.

SEVEN
A New Implant by MIS

MIS celebrates 10 years of continuous growth. We thank you for your loyalty, and trust. We are sure that with the new implant - SEVEN, we will continue our tradition of High performance and cost effectiveness.

Successful

High success rate, provided by a combination of advanced geometric design and new surface morphology .

Forgiving

SEVEN is designed for implantation in a wide range of bone types and bone augmentation procedures.

Simple

A specially designed final drill is supplied with every implant, allowing a short and safe drilling procedure.

Easy

Increased insertion speed is provided by a dual thread of 2.4mm, combined with self-drilling capability.

Initial Stability

The thread thickness changes from the apex to the neck with the same pitch, improving the compression of the bone during insertion. Micro Rings on the implant neck provide better initial stability by improving the interfacial shear strength at the crestal zone.

Minimal Bone Resorption

The SLA surface over the entire body, together with the high level of surface morphology, prevents bone resorption at implant's neck.

Self-Tapping

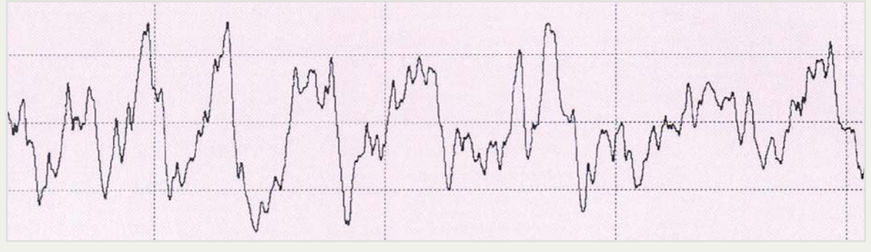
SEVEN cuts its own threads during implantation, minimizing friction-generated heat. Three spiral channels running the length of the fixture fill with bone chips during implantation to improve integration.

Micro Rings on the implant neck provide better initial stability.

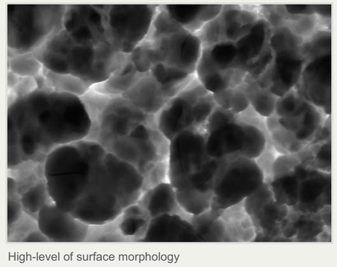
The arithmetic average of the deviation Ra is the most commonly used measurement for surface roughness Micro geometry of M.I.S implants meet the roughness recommended in the international literature.

Instrument: Parthometer M1 (MAHR):

Ra 1.63 µm	Lt 1.750mm
Rz 6.05 µm	Lc 0.250mm
Rmax 7.31 µm	Pc (0.2,-0.2) 160/c
R profile 0.25mm	



The total surface roughness is achieved by sand blasting and acid etching. Raw material grade 5 increases the mechanical strength by 25%. Gr-5: Ti + 6% Al + 4% V.



High-level of surface morphology

Diameters – 3.75, 4.20 and 5mm
Lengths – 10, 11.50, 13 and 16mm

Friendly and fast insertion

Each implant is supplied with the desired final drill.

Implant neck designed for minimal bone resorption.

Micro rings (0.2 X 0.2) on the neck provide better primary stability by improving the interfacial shear strength in the crest zone.

SLA surface all over the body