



THE ALL NEW SPIRAL IMPLANT UNIVERSAL PERFECTION



THE ART OF SIMPLICITY

Notes



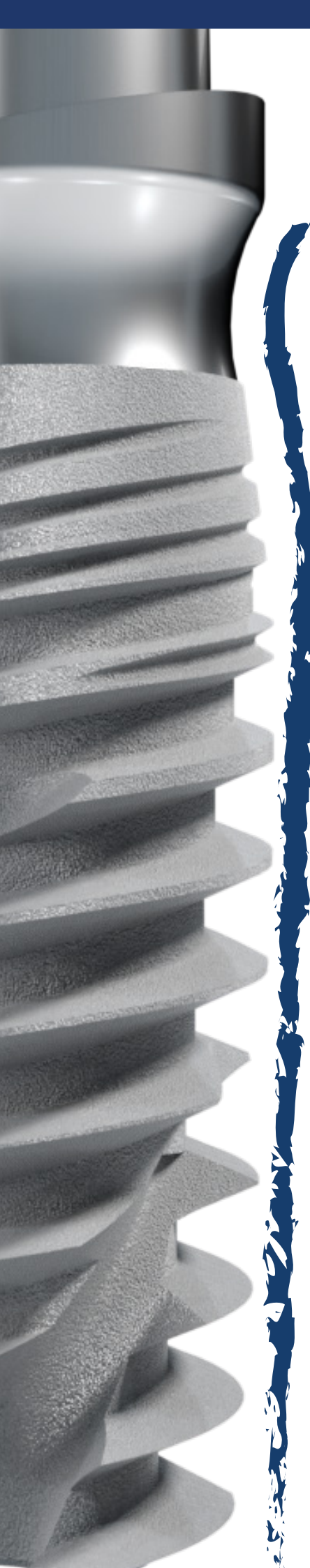
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Design Concept

Platform switching concave abutment

Suitable for subcrestal placements

Preventing bone loss and soft tissue shrinkage

tapered coronal neck

minimal cortical bone pressure - bone loss prevention

active and tapered body

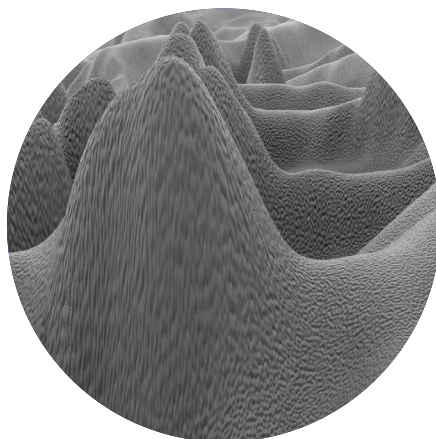
3 threads design for maximum performance in any bone type

condensing channel

high , deep and tall condensing channel for greater bone accommodation and condensation

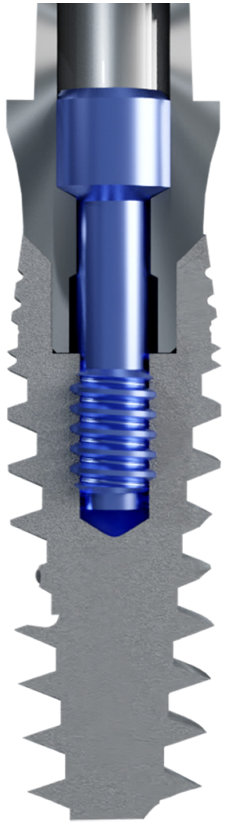
active apex

easy & smooth insertion followed minimal drilling



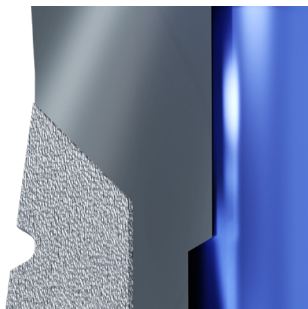
SLA BIOFIX SURFACE

biological surface treatment for high hydrophilicity , fast healing and long term osseointegration



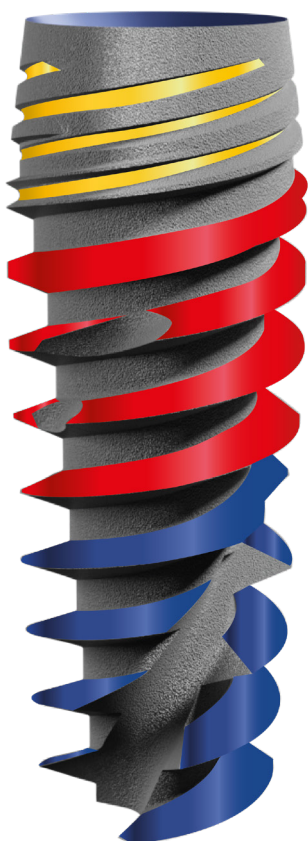
Strong & Precise Universal Internal Hex Connection

Accuracy above all , using the industry highest equipments , technologies and strict production tolerances



Seal Platform 45°

No screw loosening & micro movements



State Of The Art Geometric Design

**PRESERVING &
PREVENTING**

**COLLECTING &
CONDENSING**

CUTTING

3 different threads geometry over the implant shape followed by the BioLine triple C approach: Cutting , Collecting & Condensing the native available bone for maximum primary stability and high bone preservation

Surgical Protocol

The state of the art spiral implant is uniquely designed in order to suit any clinical indication and maximise the performance as well as the clinical results

Being an active implant , the spiral implant drilling procedure supported the drill less approach for maximum primary stability and natural bone preservation.

IMPORTANT NOTICE :

It is important to ensure all instrumentation, surgical hand pieces, and equipment has been sterilized to prevent the possible contamination of the system, and the patient.

- Recommended implant insertion torque 35-65 NCM
- Recommended drilling speed 800-1200 RPM
- Recommended prosthetics screw tightening torque 25-30 NCM
- Recommended healing cap tightening torque 15 NCM
- Recommend Multi unit prosthetic screw tightening torque 15-20 NCM
- Recommended Angulated Multi unit abutment Screw tightening torque 20-25 NCM
- All procedures recommended by BioLine Implants systems are not replacing the surgeon experience and judgment



Ø2.9



Soft Bone: Ø2.5

Hard Bone: Ø2.8



Ø3.5



Soft Bone: Ø2.8

Hard Bone: Ø3.2



Ø3.75



Soft Bone: Ø3.2

Hard Bone: Ø3.65



Ø4.2



Soft Bone: Ø3.65

Hard Bone: Ø4.2



Ø5.0



Soft Bone: Ø4.2

Hard Bone: Ø4.8



Ø6.0



Soft Bone: Ø4.8

Hard Bone: Ø5.2



Ordering Information

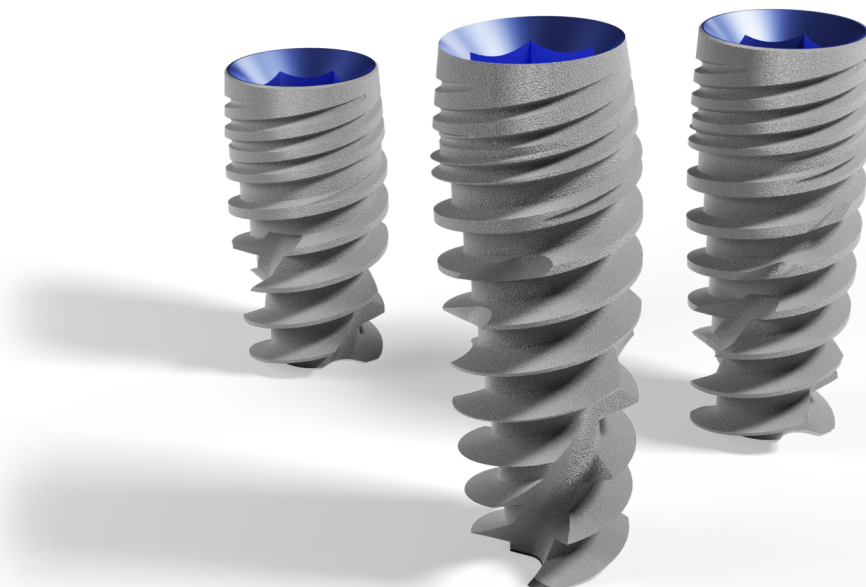
Our spiral implant is a unique product based on traditional and proven design of tapered implant threaded balanced and dynamic self-drilling capability. Outstanding tapered implant symmetrical structure that contributes to balance efforts and equal distribution of possible loads during implantation and for the duration of use.

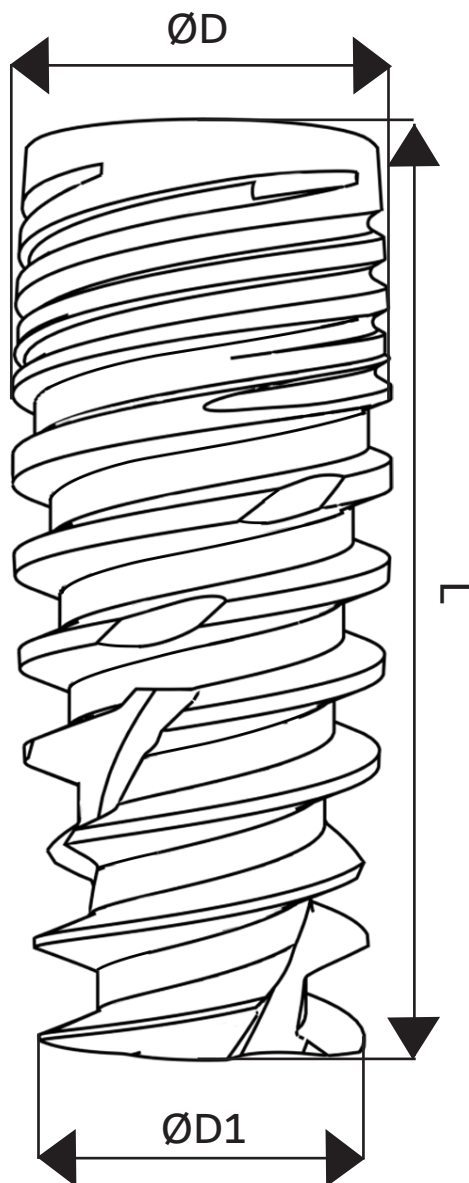
Anodized coating technology unique anti-bacterial process.

The implants undergo anodized coating process which contributes to creating anti-bacterial shell on titanium raw. The coating is made from natural ingredients Food Standard \ Medicine and unattended polluting industrial materials. Anodized great extent contributes to the mechanical strength and maintaining internal connection implant restoration parts and prevents friction between bare metal, this procedure ensures long-term success of rehabilitation on implants.

SDI Implant advantage's

- user friendly
- easy & fast incision lead by the active design improved bone cutting and condensing ability's
- higher BIC (Bone & implant contact) lead for excellent primary stability
- can be used for immediate placement & loading reduce Bone resorption
- **Biofix** Biological surface for fast healing and long term osseointegration





$\varnothing D$ (mm)	$\varnothing D1$ (mm)	L (mm)	Ref. no
 2.9 • SLIM	2.5	8	BIO-F2908
		10	BIO-F2910
		11.5	BIO-F2911
		13	BIO-F2913
		16	BIO-F2916
 3.3	2.8	8	BIO-F3308
		10	BIO-F3310
		11.5	BIO-F3311
		13	BIO-F3313
		16	BIO-F3316
 3.5	2.8	6	BIO-F3506
		8	BIO-F3508
		10	BIO-F3510
		11.5	BIO-F3511
		13	BIO-F3513
		16	BIO-F3516
 3.75	3.0	6	BIO-F3706
		8	BIO-F3708
		10	BIO-F3710
		11.5	BIO-F3711
		13	BIO-F3713
		16	BIO-F3716
		18	BIO-F3718
		20	BIO-F3720
		22	BIO-F3722
		25	BIO-F3725
 4.2	3.6	6	BIO-F4206
		8	BIO-F4208
		10	BIO-F4210
		11.5	BIO-F4211
		13	BIO-F4213
		16	BIO-F4216
		18	BIO-F4218
		20	BIO-F4220
		22	BIO-F4222
		25	BIO-F4225
 5.0	4.2	6	BIO-F5006
		8	BIO-F5008
		10	BIO-F5010
		11.5	BIO-F5011
		13	BIO-F5013
		16	BIO-F5016
 6.0	5.2	6	BIO-F6006
		8	BIO-F6008
		10	BIO-F6010
		11.5	BIO-F6011
		13	BIO-F6013

Concave Profile Prosthetic Solutions

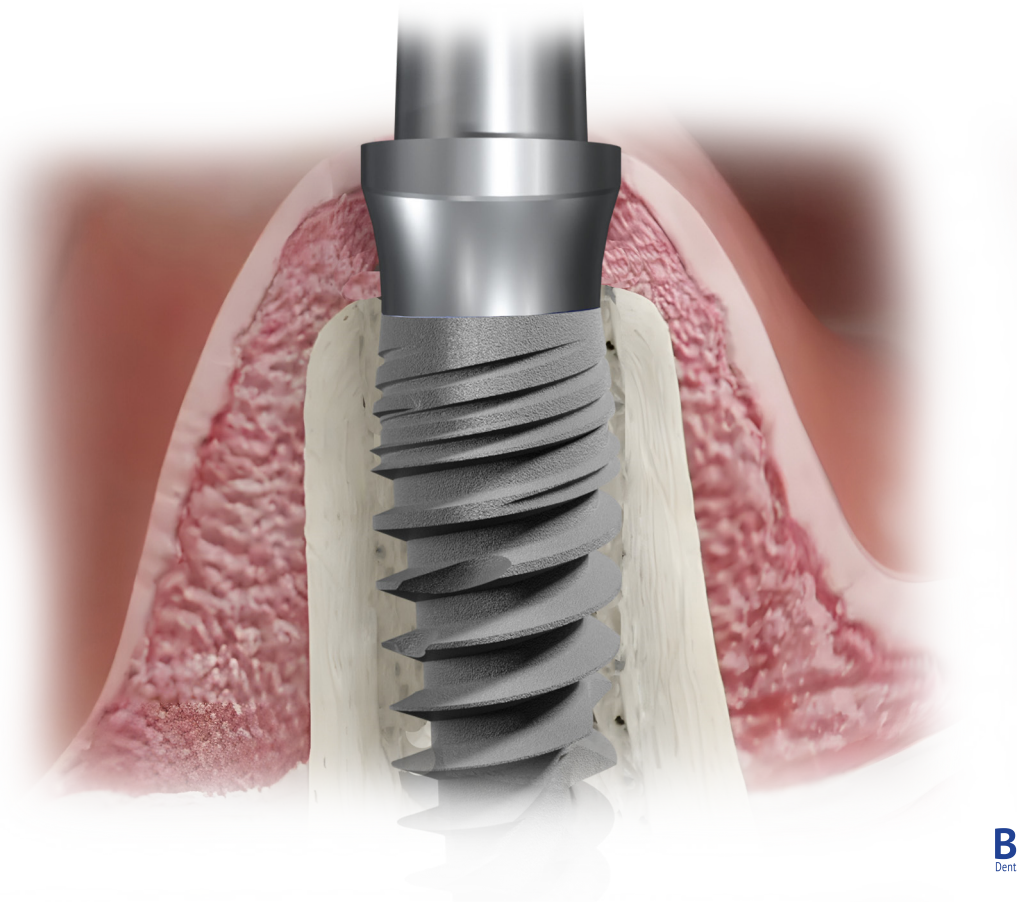
Concave Profile Abutments Series Respecting Biology !

What Are Concave Abutments?

Concave Abutments are anatomically shaped internal hex abutments. This curved shape allows the patient's body to create a thick layer of mucosal tissue around the trans-gingival connection. Ultimately, this results in a more aesthetically pleasing appearance because no metal is visible as well as reducing the risk of micro movement and micro leakage due to the stable healthy tissues which formed around the abutment profile which creates one of a kind emergence profile.

The concave abutments can be universally used in any restoration indication and in any region , offering an outstanding aesthetically driven results ,

The concave abutments can be easily used in flap less & sub crestal implant placements followed by the modern implantology approach to minimise the forces on the implant abutment junction and support bone growth around and above the implant level for high end long term clinical success with zero bone loss!

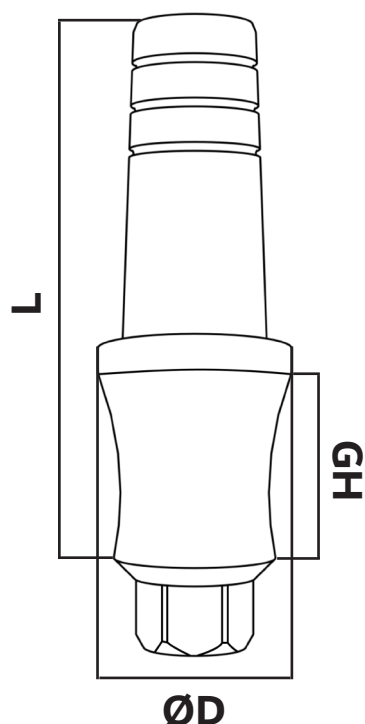


STATE OF THE ART

Highly Aesthetic Anatomical Rehabilitation Components

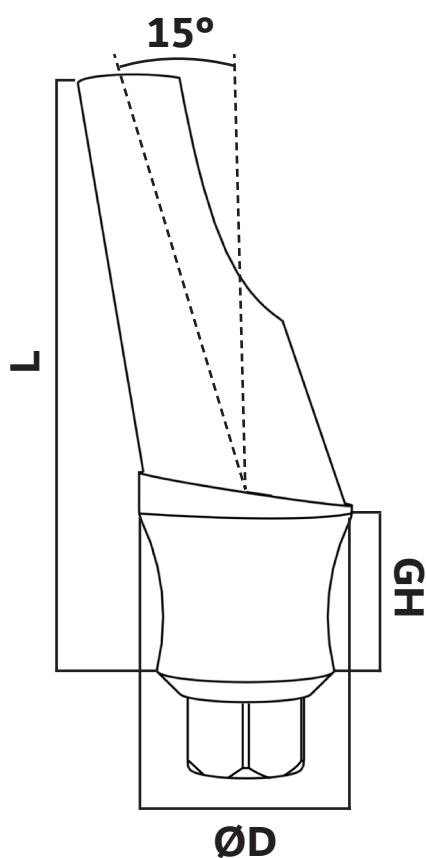


Straight Concave Abutment



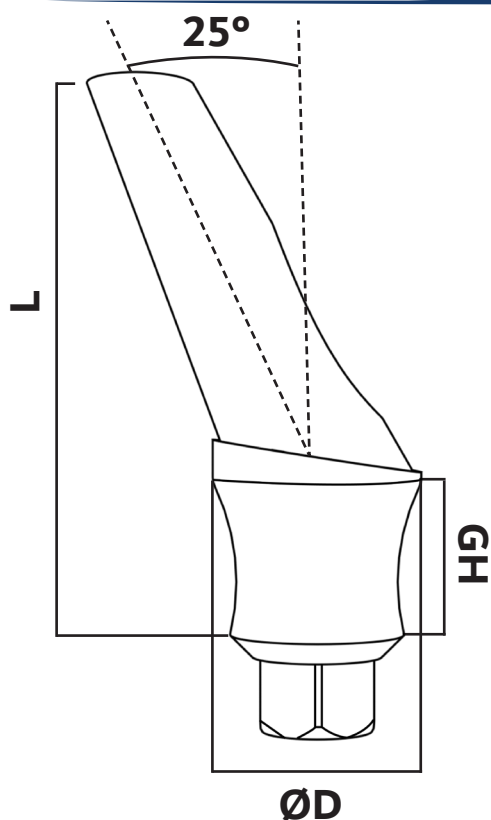
Code	ØD(mm)	L(mm)	GH(mm)
 BIO-A4601	4.6	10.5	1.0
 BIO-A4602	4.6	11.5	2.0
 BIO-A4603	4.6	12.5	3.0
 BIO-A4604	4.6	13.5	4.0

Angulated Concave Abutment 15°



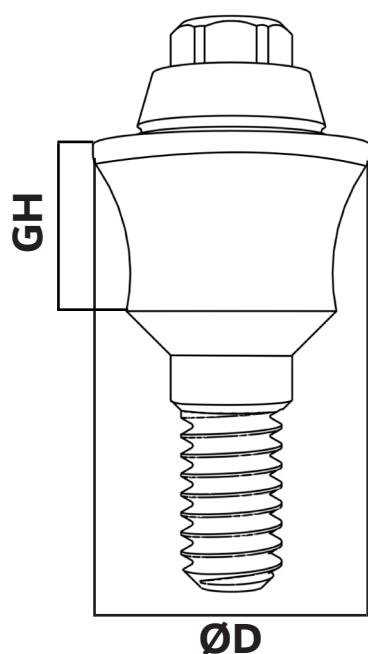
Code	ØD(mm)	L(mm)	GH(mm)
 BIO-A2401	5.0	10.5	1.0
 BIO-A2402	5.0	11.5	2.0
 BIO-A2403	5.0	12.5	3.0
 BIO-A2404	5.0	13.5	4.0

Angulated Concave Abutment 25°



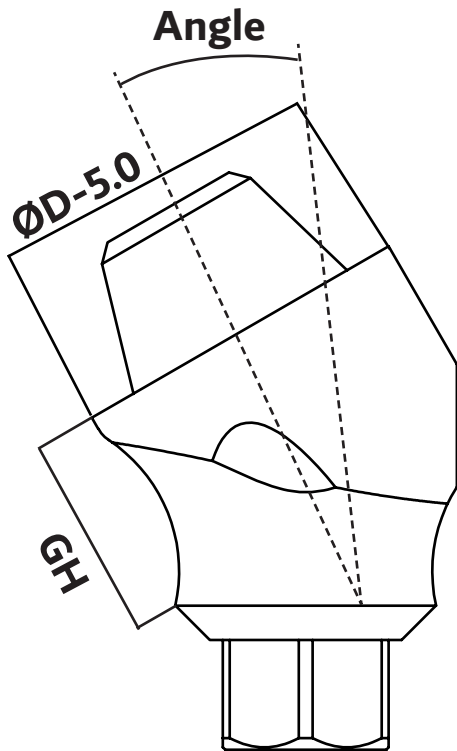
Code	ØD(mm)	L(mm)	GH(mm)
 BIO-A2601	5.0	10.5	1.0
 BIO-A2602	5.0	11.5	2.0
 BIO-A2603	5.0	12.5	3.0
 BIO-A2604	5.0	13.5	4.0

Straight Concave Multi Unit



Code	ØD(mm)	GH(mm)
 BIO-MO101	5.0	1.0
 BIO-MO102	5.0	2.0
 BIO-MO103	5.0	3.0
 BIO-MO104	5.0	4.0
 BIO-MO105	5.0	5.0
 BIO-MO106	5.0	6.0

Angulated Concave Multi Unit



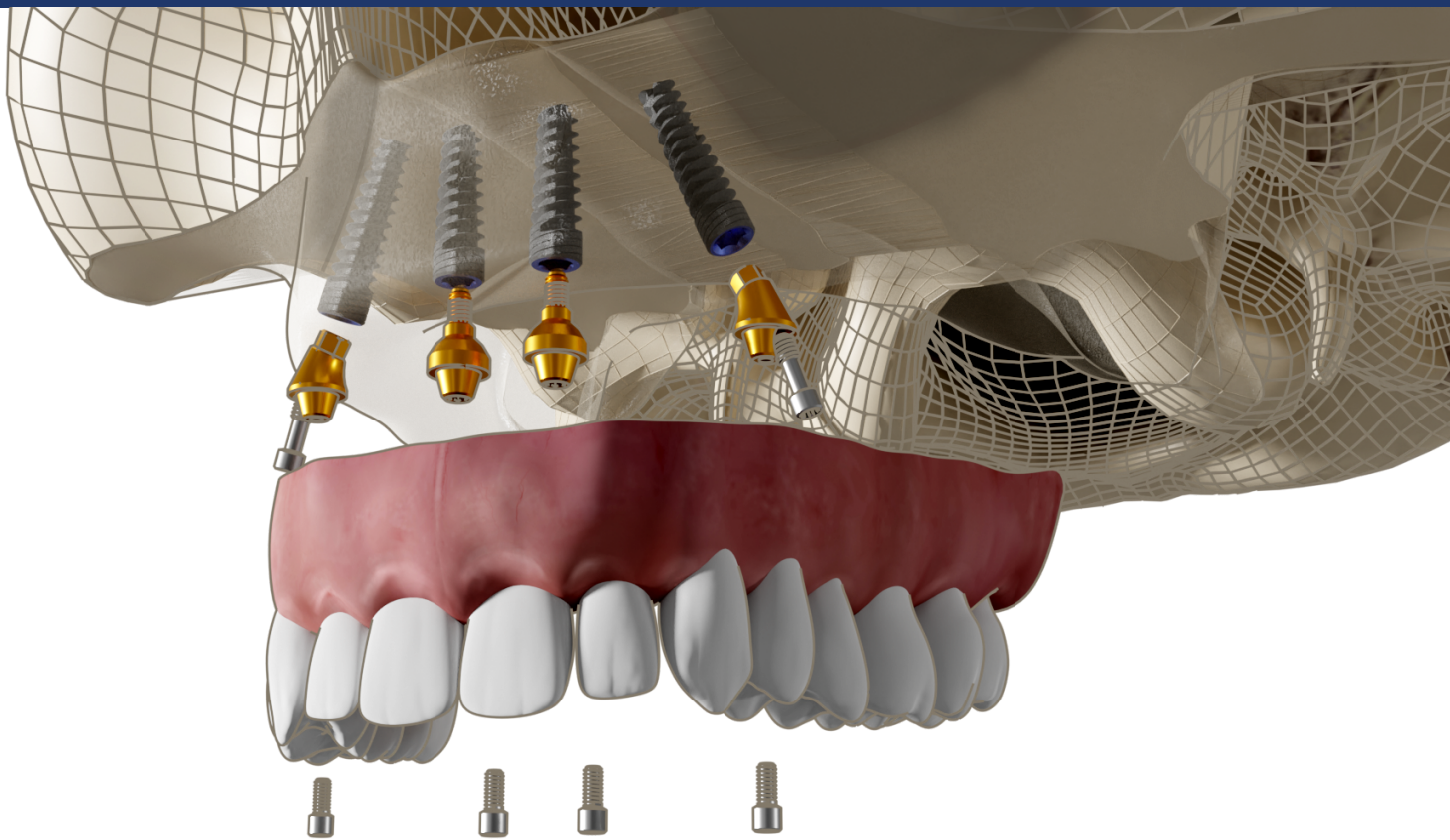
Angle	GH-1mm	GH-2mm	GH-3mm
9°	 BIO-MU09-H1	 BIO-MU09-H2	 BIO-MU09-H3
18°	 BIO-MU18-H1	 BIO-MU18-H2	 BIO-MU18-H3
30°	 BIO-MU30-H1	 BIO-MU30-H2	 BIO-MU30-H3
40°	 BIO-MU40-H1	 BIO-MU40-H2	 BIO-MU40-H3
50°	 BIO-MU50-H1	 BIO-MU50-H2	
60°	 BIO-MU60-H1		

Multi Unit Carrier

Multi Unit Abutment

Multi Unit Screw





The BioLine on 4

Quick, Simple and safe graft less rehabilitation of atrophic jaws using one time abutment concept





We are around the globe !

Find your local - regional representative among
35+ countries



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