

AGGRESSOR

IMMEDIATE LOADING



AGGRESSOR Implant Provides
Unlimited Application Possibilities

Our Quality Guarantee



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1. INTRODUCTION

The surgical protocol described here is a recommendation for clinical placement of Aggressor implants. The procedure may differ depending on practitioners' preference and modifications may be required in certain cases to place the implants appropriately and to achieve an uneventful healing and osseointegration. A detailed clinical and radiological evaluation is mandatory for each individual to confirm the selected surgical procedure.

2. SURGICAL DRILLS

The drills are made of high-quality stainless steel and each drill is recommended to be used for placement of 300 implants. After the indicated number is reached the drill is recommended to be replaced.

3. OPERATING SPECIFICATIONS

The Point Drill should be used between 600-400 RPM under saline irrigation. The final Implant Drills can be used either at 50 RPM low speed without saline cooling or at -400

600 RPM high speed with saline irrigation. The final drills are too sharp and designed to work even at low speed and collect autogenous bone graft to be used in regenerative procedures when needed.

The Neck Drills can also be used both with low and high speeds accordingly. The Sulcus Reamers however should only be used below 50 RPM and while using the reamers, saline cooling is not required.

After the local anesthesia is facilitated, an appropriate incision should be followed with a proper flap elevation aiming to expose the surgical area during all implant surgeries. A flapless surgical approach should only be followed using the Guided Surgical kit of Aggressor implant or with any other specific method described for such purpose.

4. SURGICAL STEPS

The osteotomy area is first marked with the Point Drill ($\phi 2.2$ mm) and the depth of the osteotomy is limited to 6-5 mm. If a certain angulation is planned, the angulation degree is checked with the

Parallel Pins. If an appropriate angulation is not achieved, the Point Drill is used again to correct the angulation. The procedure is repeated until confirmed by the angulation pins. The depth of the osteotomy is recommended to be 1 mm more than the length of the implant. If anatomical limitations exist or if the soft tissue thickness over the alveolar crest exceeds 4 mm, the depth of

Fundamental tests and certificates following reviews include

ISO : 13485 / 2012

Medical Device Directive 93/42/EEC Appendix II.3

PRODUCTION LINE

All Implant Dental Implant System products are manufactured by CNC machines (Swiss-made) with micron sensitivity.

Certificates



AGGRESSOR

Bone
Level



ø3.7 ø4.1 ø4.3



More hygienic neck area that is free of micro threads.



Hybrid design; ideal combination of tapered and cylindrical designs



RBM surface with improved surface features.



Platform Switch: preserves the cervical bone by moving implant and abutment connection away from the bone surface.



Self - cutting feature



Thread design which does not transfer stress to the bone

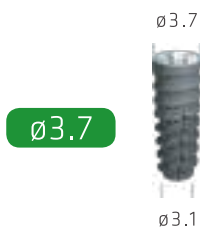


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Aggressor implant provides unlimited application possibilities.

Aggressor implant offers the advantage of immediate loading. It does not cause compression at the neck area due to its aggressive thread design and sharper threads towards the apex.

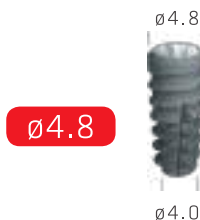
Aggressor implant body design with increased taper towards its apex, provides high primary stability in the extraction sockets and D-3D4 bone types.



Length (mm)	Code
10.0	BFAR3710
12.0	BFAR3712
14.0	BFAR3714



Length (mm)	Code
10.0	BFAR4310
12.0	BFAR4312
14.0	BFAR4314



Length (mm)	Code
10.0	BFAR4810
12.0	BFAR4812
14.0	BFAR4814

- Aggressive thread design
- Natural root-form
- Sharper threads at the apex
- More contact area with the bone
- Strong primary stability in every bone type
- Immediate implantation and immediate loading protocol

AGGRESSOR



Internal section of the fixture Exquisite labor with high sensitivity in accordance with international standards .

IMPROVED RBM SURFACE

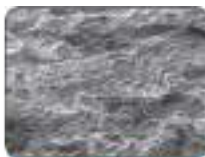
The new RBM surface ensures faster and better osseointegration quality and complies with bone morphology perfectly hydroxyapatite with calcium phosphate.



X 90



X 250



X 2,500



X 5,000

Hybrid Design

Ideal combination of tapered and cylindrical designs



Healing Abutments



	1 mm	2 mm	3 mm	4 mm	5 mm
ø4.5	BHA4510	BHA4520	BHA4530	BHA4540	BHA4550
ø5.5	BHA5510	BHA5520	BHA5530	BHA5540	BHA5550
ø6.5	BHA6510	BHA6520	BHA6530	BHA6540	BHA6550

COUPLE ABUTMENTS



	1 mm	2 mm	3 mm	4 mm	5 mm
ø4.5	BCA4510	BCA4520	BCA4530	BCA4540	BCA4550
ø5.5	BCA5510	BCA5520	BCA5530	BCA5540	BCA5550
ø6.5	BCA6510	BCA6520	BCA6530	BCA6540	BCA6550

COUPLE ABUTMENT NON-HEX



	1 mm	2 mm	3 mm	4 mm	5 mm
ø4.5	BCAN4510	BCAN4520	BCAN4530	BCAN4540	BCAN4550
ø5.5	BCAN5510	BCAN5520	BCAN5530	BCAN5540	BCAN5550
ø6.5	BCAN6510	BCAN6520	BCAN6530	BCAN6540	BCAN6550

ANGLED ABUTMENT



	2 mm (15° & 25°)	4 mm (15° & 25°)
ø4.5	BAA45152 BAA45252	BAA45154 BAA45254
ø5.5	BAA55152 BAA55252	BAA55154 BAA55254
ø6.5	BAA65152 BAA65252	BAA65154 BAA65254

ANGLED ABUTMENT NON-HEX



	2 mm (15° & 25°)	4 mm (15° & 25°)
ø4.5	BAAN45152 BAAN45252	BAAN45154 BAAN45254
ø5.5	BAAN55152 BAAN55252	BAAN55154 BAAN55254
ø6.5	BAAN65152 BAAN65252	BAAN65154 BAAN65254

TEMPORARY ABUTMENTS

BONE LEVEL



	CODE
ø4.5	BTA45
ø5.5	BTA55

IMPRESSION COPING

PICK UP HEX - NON HEX



	HEX	NON-HEX
ø4.5	BICP45L BICP45S	BICPN45L BICPN45S
ø5.5	BICP55L BICP55S	BICPN55L BICPN55S
ø6.5	BICP65L BICP65S	BICPN65L BICPN65S

DIGITAL DENDISTRY



FIXTURE LAB ANALOG



BFLA

O-Ring System

O-RING ABUTMENTS



	0.5 mm	1 mm	2 mm	3 mm	4 mm	6 mm
ø3.42	BORA05	BORA10	–	–	–	–
ø4.50	–	–	BORA20	BORA30	BORA40	BORA60



RETAINER

Code

ORR



RETAINER

Code

ORR-O



RETAINER

Code

ORR-C



O-RING LAB ANALOG

Code

ORLA

DIRECTIONAL RINGS



Locator System



BONE LEVEL LOCATOR ABUTMENTS

	1.5 mm	2.5 mm	3.5 mm	4.5 mm	5.5 mm	6.5 mm
ø3.86	BLA15	BLA25	BLA35	BLA45	BLA55	BLA65

Bone level locator lab analog



Code
BLLA



Violet Cap
Rigid Retention 2.8 K.g



Clear Cap
Standard Retention 1.8 K.g



Pink Cap
Soft Retention 1.2 K.g



Yellow Cap
Extra Soft Retention 0.6 K.g



Black Cap
Processing



Locator Matrix
LMHT

Multi unit System

Multi unit abutment



	2.5 mm	3.5 mm
ø4.8 (17°)	BMUA48172	BMUA48173
ø4.8 (35°)	BMUA48352	BMUA48353



IMPRESSION COPING TRANSFER

ø4.8	Non-HEX
	BMUAICP



LAB ANALOG

ø4.8	Non-HEX
	BMUALA



PLASTIC CYLINDER

ø4.8	Non-OCTA
	MUAPICy

ABUTMENT HEALING CAP



ø4.8	Code
	MUAHCap



STRAIGHT MULT UNIT ABUTMENT

BMUA4815
BMUA4825
BMUA4835
BMUA4845

SURGICAL PROTOCOL

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Self-Stopper Drills

Self-stopper drills provide great convenience to the users and can strike out the possibility of committing errors due to over drilling.

Aggressor implant drills operate at 300–200 rpm, thus preventing necrosis of bone caused by excessive heat during drilling.

Autogenous bone graft can be collected due to low speed drilling and used for correcting the defect for the same patient.

High primary stability can be achieved with the conical drills designed as per the conical structure of the Implants Aggressor implants.



Point Drill
PD



ø2.8 Drill
16 mm SD2816



ø3.7 Drill
10 mm TAD3710
12 mm TAD3712
14 mm TAD3714



ø4.3 Drill
10 mm TAD4310
12 mm TAD4312
14 mm TAD4314



ø4.8 Drill
10 mm TAD4810
12 mm TAD4812
14 mm TAD4814

Auxiliary Drills

The ideal platform can be created for the abutments by scraping the excess bone at the neck of the implant with the use of Bone Reamer available in three diameters.

3.7 Neck
Drill



ND3.7

4.3 Neck
Drill



ND4.3

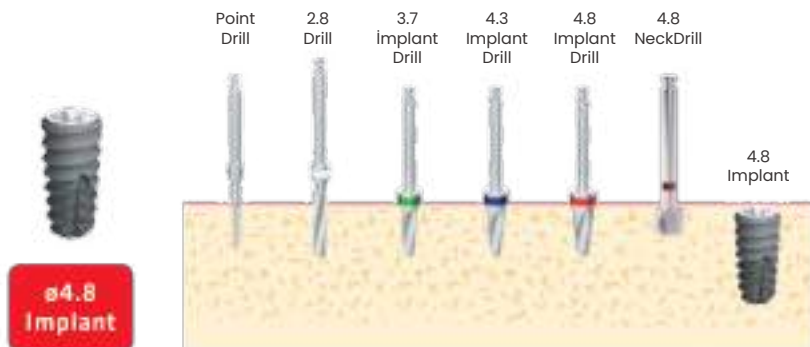
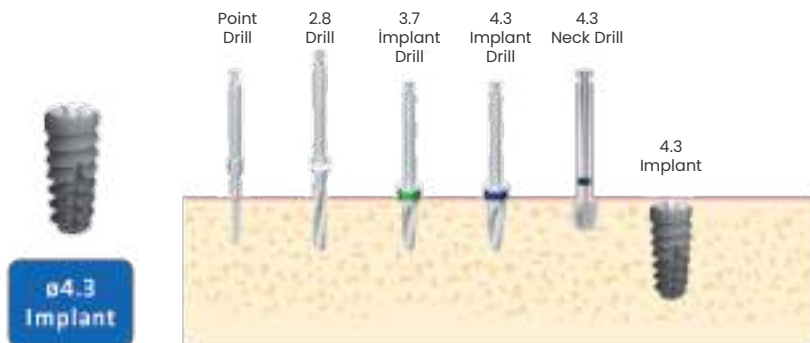
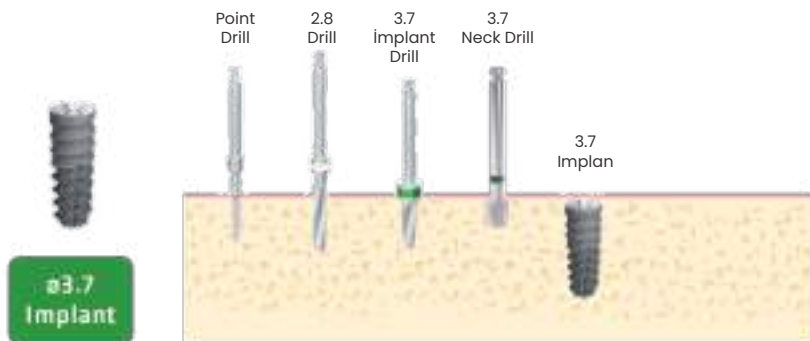
4.8 Neck
Drill



ND4.8

Implant Drill Table

AGGRESSOR



SMART
CHOICE



»  **VERDENT**

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