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# The Dentist's Complete Resource For Implant Dentistry

# TITAN-G IMPLANTS

compatible to Bicon Dental implants



Phone: 1-201-439-0470

Titan Implants Inc. www.titanimplants.com

# INTRODUCTION

To the Titan customer:

Would you like to have many successful dental implant cases at a low cost? As a dental implant company, Titan Implants manufactures internal and external connection dental implants, attachments, and accessories.

Titan would now like to introduce its TITAN-G implants that are compatible with the Bicon systems. These implants are available in diameters 3.5mm, 4mm, 4.5mm, 5.0mm, & 6.0mm in surface treatments: Media Blast, TPS, HA, and RBM.

Titan accommodates the dentist's every possible need by providing easy and friendly to use dental implants and attachments. There is no need to change armament! Our implant quality is as high or higher than competition. Why wait? Call now and save tremendously on dental implants and prosthetic attachments.

Be able to have "Success without Expense"- Satisfaction guaranteed!!



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**Note:** All pictures are not sized to scale. Prices do not include applicable shipping charges or taxes. All prices and product availability subject to change without prior notice.

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# The TITAN- G Dental Implant System

### **Indications:**

The **TITAN-G** Implant Systems are designed for use in edentulous mandibles or maxillae for support of a complete denture prosthesis, or intermediary abutment for fixed or removable bridgework or for partial dentures, or as a single tooth replacement.

#### CONTRADICTIONS:

**TITAN G** Implants should not be placed if there is insufficient jawbone width and height to surrounding implants. Placing in the maxilla should not perforate the sinus. Lack of the availability of the bone 2mm epical and 1mm circumferential. Poor patient oral hygiene use of heavy chewing tobacco or smoking or poor bone quality and generalized diseases such as hyperthyroidism, bruxism, oral infections or malignancies or uncontrolled diabetes or blood disorders etc which causes implant failure or lack of osseointegration may occur as a result. It is advisable not to use 3.5x8.0mm size implant, since it is not designed to withstand lateral loading as a single tooth replacement, either splinted and unsplinted nor should be used with over denture attachments. Its sole use is as a pier abutment for fixed bridgework in conjunction with multiple implants.

### **ADVERSE EFFECTs:**

Lack of quantity or quality of bone, poor patients oral hygiene infections and generalized diseases such as diabetes etc are some potential causes for loss of implant anchorage but not implant itself.

#### WARNINGs:

Surgical techniques required to place dental implants are highly specialized and complex procedures. For safe and effective use of **TITAN -G** implants .It is strongly recommended specialized training is required . Seminars and implant courses are highly advised before surgery is attempted. Improper patients selections and technique cause implant failure and or loss of supporting bone. **Titan-G** implants should not be used in sites, other than those specifically indicated. **Special designed bone drills should be used**.

### WARNING for 4.5 x 6mm, 5.0 x 6.0mm and 6.0 x 5.7mm:

Patients should be monitored closely when using any of 6mm length of different size diameter for the following conditions: Radiographic changes in implant to bone contact along the implant's length, perimplant bone loss, changes to the implant's response to percussion, bone loss more than 50% and show mobility. Removal of implant should be evaluated for such case.

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### **PRECAUTIONS:**

To determine anatomy of available bone, adequate palpation and direct visual inspection as well as panoramic and periapical radiographs are essential to determine prospective implant site. In addition, lateral cephalometric radiographs, tomogram and CT Scans may also be helpful

### **Surgical Complications:**

Numbness of the chin area and lower lip following lower jaw surgery and of the tissue beside the nose following upper jaw surgery is a possible side effect of the surgery. Most cases will be temporary. Exceptional case can be permanent numbness. Other risks include tenderness of short duration, hematoma, swelling, edema, dehiscence and bleeding. Tissue reaction, ulceration, gingival mucosal or infection can happen, but generally responds to local care.

#### STERILITY:

Implants have been gamma radiation sterilized and ready to use. Titanium instrumentation and sterile field are implemented.

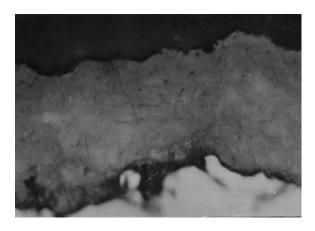
Caution: Federal (USA) law restricts the use of this device to sale by or on the order of a licensed dentist.

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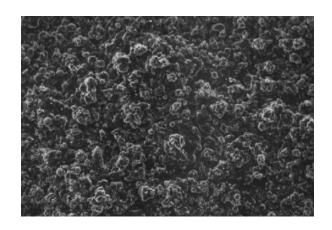


#### Microstructure

## The HA coating has less than 5% porosity, with a minimal amount of cracking.



**Light Micrograph of the Coating (500x)** 



**SEM of the HA Surface (750x)** 

# Advantages of the Bio-Coat Hydroxylapatite Coating

The starting powder used by Bio-Coat is a highly pure dense powder with a tightly controlled size distribution. Powders with a large distribution of particle sizes are likely to undergo transformations to resorbable phases.

The dense starting powder combined with the surface preparation and spray technology developed by Bio-Coat produces a highly dense coating (99% of theoretical density). This is important for adhesion and maintaining the optimal resistance to resorption of the coating.

The liberation of plasma gun debris (copper and tungsten) is virtually eliminated by Bio- Coat's use of internal injection systems.

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# **Implants: 2.0mm WELL**

# **HA** (*Hydroxylapatite*) Coating

## **COMING SOON!**





3.5 x 11

Length	Well	Diameter	Coating	Part Number	Price
8.0mm	2.0mm	3.5mm	Hydroxylapatite (HA)	BC-3S8H	\$190.00
11.0mm	2.0mm	3.5mm	Hydroxylapatite (HA)	BC-3S11H	\$190.00





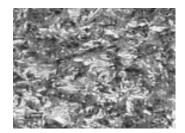
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Length	Well	Diameter	Coating	Part Number	Price
8.0mm	2.0mm	4.0mm	Hydroxylapatite (HA)	BC-4S8H	\$190.00
11.0mm	2.0mm	4.0mm	Hydroxylapatite (HA)	BC-4S8H	\$190.00

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# Media Blast Surface Treatment



Media Blast surface treatment is available for all straight, tapered, and transgingival implants. All Media Blasted implants are \$190.00 each. Implants can be surface treated until top two threads, collar height, or Fully sandblasted. It is economical and equally reliable as other surface treatments.

## **Implants: 2.0mm WELL**







Length	Well	Diameter	Coating	Part Number	Price
8.0mm	2.0mm	3.5mm	MEDIA BLAST	BC-3S8S	\$190.00
11.0mm	2.0mm	3.5mm	MEDIA BLAST	BC-3S11S	\$190.00



x 8	4 x 11

Length	Well	Diameter	Coating	Part Number	Price
8.0mm	2.0mm	4.0mm	MEDIA BLAST	BC-4S8S	\$190.00
11.0mm	2.0mm	4.0mm	MEDIA BLAST	BC-4S11S	\$190.00



# **Implants: 3.0mm WELL**

# HA (Hydroxylapatite) Coating

### **COMING SOON!**





Length	Well	Diameter	Coating	Part Number	Price
8.0mm	3.0mm	4.5mm	Hydroxylapatite (HA)	BC-45S8H	\$190.00
11.0mm	3.0mm	4.5mm	Hydroxylapatite (HA)	BC-45S11H	\$190.00





Length	Well	Diameter	Coating	Part Number	Price
8.0mm	3.0mm	5.0mm	Hydroxylapatite (HA)	BC-5S8H	\$190.00
11.0mm	3.0mm	5.0mm	Hydroxylapatite (HA)	BC-5S11H	\$190.00



6 x	8
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Length	Well	Diameter	Coating	Part Number	Price
8.0mm	3.0mm	6.0mm	Hydroxylapatite (HA)	BC-6S8H	\$190.00



# **Implants: 3.0mm WELL**

# MEDIA Blast Surface Treatment



Length	Well	Diameter	Coating	Part Number	Price
8.0mm	3.0mm	4.5mm	MEDIA BLAST	BC-45S8S	\$190.00
11.0mm	3.0mm	4.5mm	MEDIA BLAST	BC-45S11S	\$190.00



Length	Well	Diameter	Coating	Part Number	Price
8.0mm	3.0mm	5.0mm	MEDIA BLAST	BC-5S8S	\$190.00
11.0mm	3.0mm	5.0mm	MEDIA BLAST	BC-5S11S	\$190.00



Length	Well	Diameter	Coating	Part Number	Price
8.0mm	3.0mm	6.0mm	MEDIA BLAST	BC-6S8S	\$190.00

6 x 8

#### TO PLACE AN ORDER:

Orders for the products may be placed by calling Customer Service at 1-201-439-0470 or through online account at titanimplants.com. All shipments are sent via Federal Express. All Ground and Express Orders should be placed by 4:00pm EST (Eastern Standard Time). Ground and Express orders placed after mentioned times will be shipped next business day. Orders placed on Friday after 4:00PM US EST will begin processing on the following Monday. Delivery times do not include Sunday or national holidays. For any online orders placed after 4:00pm EST (regardless of method of shipment), the customer should allow an additional day to anticipated date of receipt of package. Titan will prepay shipping costs and add charges to the invoice covering the shipped product. Additional shipping charges may apply to Hawaii, Alaska and Extended Service areas. Please ensure correct and most current shipping address is provided as Titan Implants is not responsible if you have moved or reported an incorrect address, in which event you will be responsible for any additional charges related thereto. If package is returned back to us by the carrier for any reason that is no fault of our own, buyer is responsible for additional shipping cost. Have your customer number, the catalog number and the quantity of items you wish to order to make ordering easier. Titan will contact you via e-mail or telephone call if the items ordered are currently not in stock.

#### TITAN IMPLANTS INC. TERMS AND CONDITIONS OF SALE

- 1. Definitions: In these terms -"Seller" means the seller of the Goods as defined herein; "Buyer" means the entity purchasing the Goods, including any successors thereof; "Goods" means the goods, products and materials manufactured, imported, supplied and/or delivered for or by Seller to Buyer, as such were approved by Seller in reply to Buyer's order. "Contract" means the contract for the supply of Goods which have been ordered by Buyer and specified in Seller's Invoice and or Order Confirmation, which contract is concluded based on these Terms and Conditions of Sale unless otherwise specified in the Approval of Order.
- 2. Payment: Payment for Goods shall be due on or prior to the delivery date of Goods and no discount may be taken. Payments received after the due date specified in the invoice shall bear a service charge of 2.5% per month. All payments shall be made in U.S. dollars.
- 3. Prices, Duties and Taxes: Unless otherwise noted, items sold by Titan Implants Inc. are subject to sales tax in the state of New Jersey (select states) in accordance with the applicable laws of that state. Items sold in all states are subject to Medical Device Excise Tax. All prices and product availability subject to change without prior notice.
- 4. Delivery: Delivery dates noted on the Invoice and or Order Confirmation are subject to reasonable adjustment. All delivery shall be done by Federal Express and the cost shall be included in the Invoice as part of the Buyer's cost. Risk associated with the Goods shall pass to Buyer on delivery; provided however, that where delivery is delayed due to circumstances caused by or within the responsibility of Buyer, risk of loss shall pass to Buyer upon Seller's notification that Goods are ready for dispatch or when Federal Express first makes an attempt at delivery of the goods at the address specified in the Invoice and or Order Confirmation. All charges, expenses or taxes associated with the delivery shall be paid by the Buyer.
- 5. Warranty: This warranty is limited by and subject to Buyer's use and application of the Goods. Unless otherwise restricted by mandatory applicable law, THE WARRANTY SET FORTH HEREIN IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY AND ALL WARRANTIES OF MERCHANTABILITY, QUALITY AND FITNESS FOR USE AND FOR PURPOSE, ANY ADVICE AND RECOMMENDATION AND ANY OBLIGATIONS OR LIABILITIES WHICH MAY BE IMPUTED TO SELLER, ANY AND ALL OF WHICH ARE HEREBY EXPRESSLY DISCLAIMED, DENIED AND EXCLUDED. BUYER EXPRESSLY AGREES THAT NO WARRANTY THAT IS NOT SPECIFICALLY STATED IN THIS AGREEMENT WILL BE CLAIMED OR OTHERWISE ADHERED TO BY BUYER AND/OR BY ANYONE ACTING ON BUYER'S BEHALF AND/OR BY ANYONE DERIVING THE LEGALITY OF ITS CLAIM FROM BUYER, NOR THAT WILL ANY SUCH WARRANTY BE VALID. SELLER NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT, ANY OTHER LIABILITY IN CONNECTION WITH THE SALE, USE OR HANDLING OF ANY AND ALL GOODS SPECIFIED OR CONTEMPLATED BY THIS CONTRACT. NO WARRANTY IS MADE WITH RESPECT TO ANY OF THESE GOODS WHICH HAVE BEEN SUBJECT TO ACCIDENT, NEGLIGENCE, ALTERATION, IMPROPER CARE, IMPROPER STORAGE, IMPROPER INSTALLATION, IMPROPER MAINTENANCE, ABUSE OR MISUSE.

#### 6. Claims and Liability:

- a) Unless Seller shall within 7 working days after delivery of the Goods, receive from Buyer written notice of any matter or thing by reason whereof it is alleged that Goods are not in accordance with the Contract. Goods delivered shall be deemed and presumed to have been supplied, delivered and accepted in all respects in full conformity with the Contract and Buyer shall be entitled neither to reject the same nor to raise any claim for damages or for other remedy in respect of any alleged negligence and/or breach of warranty and/or any condition.
- b) In any claim, brought subject to the conditions above, Buyer must prove to the satisfaction of Seller that it followed Seller's instructions for use, care, storage, maintenance, handling and application of the Goods. In addition if there is a claim by Buyer, Buyer must first contact the Seller to discuss the situation and give Seller and Seller's agents/employees full access to the goods to have them inspected for the alleged defects within one week of such complaint being made.
- c) Unless otherwise specifically restricted by mandatory applicable law, Seller's liability under any claim and in connection with any possible allegation, whether based on negligence, contract, or any other cause of action, shall be limited to either (i) the replacement of the Goods or the supply of equivalent goods; (ii) the repair, or payment of the cost of repair, of the Goods; or (iii) credit in an amount equal to the purchase price specified in Seller's pertinent invoice, or in an amount of equivalent goods, all at Seller's sole option. Buyer acknowledges that the remedy available to him as specified herein, is in lieu of any remedies that may be otherwise available to him, now or in the future, whether in law or in equity, relating to any loss or damage, whether directly or indirectly, arising from the purchase and/or the use of Goods, including without limitation, any actual or contingent damages, loss of production, loss of profit, loss of use, loss of contracts or any other consequential or indirect loss whatsoever, whether pecuniary or non-pecuniary.
- d) Buyer, for himself and for any other party which may claim either under or through Buyer, or independently of Buyer, including Buyer's employees, directors, officers, representatives, affiliates and personnel, shall indemnify and hold Seller harmless, from and against any claim or liability for damages

for negligence including but not limited to, any claim in connection with the design, manufacture, use, care, storage, delivery, application or maintenance of any Goods sold hereunder, whether alleged to have been committed by Seller or by any other person whatsoever. Buyer's undertaking as specified in this subsection shall extend and inure to the benefit of Seller and of Seller's successors at any time, as well as to Seller's affiliates, personnel, representatives, managers, directors and officers. Nothing contained herein shall take effect to exclude or limit liability where liability may not be excluded or limited under applicable law, including, without limitation, for death, personal injury and fraudulent misrepresentations. e) Any and all warranties, undertakings, guarantees or assurances provided herein by Seller, are specifically limited to Buyer herein who name is specified on the Invoice and or Order Confirmation, and not imputed by Seller, whether directly or indirectly, expressly or impliedly, to any other person or entity, including any subsequent buyer or user, ballee, licensee, assignee, employee and agent of Buyer.

7. Default: Upon failure of Buyer to pay any amounts due to Seller, or in the event of any breach or anticipated breach by Buyer of any Contract with Seller, or if Buyer shall either (i) become insolvent, (ii) call a meeting of its creditors, or (iii) make any assignment for the benefit of creditors, or if (iv) a bankruptcy, insolvency, reorganization, receivership or reorganization proceeding shall be commenced by or against Buyer, then, in each such occasion, Seller may, at its sole discretion, opt to (1) cancel this and any other Contract with Buyer (without waiving any of Seller's rights to pursue any remedy against Buyer); (2) claim return of any Goods in the possession of Buyer, the title of which has not passed to Buyer, and enter Buyer's premises (or the premises of any associated company or agent where such Goods are located), without liability for trespass or any alleged damage, to retake possession of such Goods; (3) defer any shipment hereunder; (4) declare forthwith due and payable all outstanding bills of Buyer under this or any Contract; and/or (5) sell all or part of the undelivered Goods, without notice at public and/or on private sale, while Buyer shall be responsible for all costs and expenses of such sale and be liable to Seller for any shortfall in the discharge of the amounts due to Seller.

#### 8. Order Cancellation

- a. (For all orders): To cancel an order, call Titan's Customer Service Department during our business hours Monday through Friday as soon as possible after order is placed. All orders should be cancelled before 3pm EST. Orders placed after 3pm EST cannot be cancelled.
- b. (For all special orders): The Buyer recognizes that for any special orders or goods that are tailored made to the Buyer's specifications, and thus once an Order is placed it may not be cancelled except with Seller's prior written consent, on terms which will compensate Seller for any resulting losses.
- 9. Return Policy: To return an item, call Titan's Customer Service Department during our business hours Monday through Friday (9am to 5pm EST) or apply through your online account to receive an Authorized Return Number (ARN). All products must be returned or exchanged within 30 days of the date in the invoice to receive full credit minus shipping (Customers who return products that were shipped free will be charged shipping charges as determined by the method or type of shipment i.e. Ground, 2nd day, etc.), handling costs and restocking fee of 20%. No returns will be accepted without ARN. This ARN number is valid for one week from ARN issue date. All returns should be shipped within one week after ARN is issued. Returned products must be returned in original condition: the product must not be marked such as through white out, staples, ink, etc. nor must be damaged or opened. Include a copy of filled Return form and invoice in the box with your return. ARN number should be clearly displayed outside of the shipping box. Note: Any product received after 30 day period from invoice with an ARN will not be issued credit. Credit is issued within four to six weeks. Credit is issued back in the method payment was made. Please allow your financial institution an additional seven to ten business days to post credit to your account. All Final Sales cannot be returned and are non-refundable. (Final sales are applied for special, promotional price items and custom made items). All products must be returned in an appropriate sized box with protective covering. They must be shipped in a traceable manner such as DHL, Fed Ex, or UPS. Any product that is damaged during shipment will not be issued credit. Customer is responsible for return shipping costs. Since all online orders placed after 4:00pm EST are shipped the next business day, if the customer refuses the package due to the package being late, the customer is responsible for return shipping costs along with the original shipping costs to the customer. Returns that do not meet the above criteria will be returned to the customer. If you have any questions or concerns regarding Titan's Return Policy, please contact Titan's Customer Service Department at (201) 439-0026. Titan Implants Inc. may modify or terminate its Return Policy at any time in whole or in part. Modifications to or the termination of the Return Policy will not affect the return rights granted under this Return Policy for Products purchased prior to the date of the modification or termination.
- 10. International Buyers: Please note that import duties, taxes, and charges are separate from the item price(s) and shipping costs. If there is a refusal to accept the package, the buyer still bears responsibility for return shipping charge and 20% restocking fee in addition to previous shipping charges.
- 11. Entire Agreement: This Contract merges the entire terms and conditions for sale of the Goods. In the event of any conflict between the terms herein and any provisions included in the Invoice and or Order Confirmation, the latter shall govern and prevail. Subject to the foregoing, nothing specified in, or referred to by, any other document, record or instrument whatsoever, which relates to and/or which otherwise subsists in connection with the sale of Goods herein, whether expressly or impliedly, including any written order, request or other standard or specific terms of any entity, shall or may be interpreted to attribute to Seller and/or to Seller's affiliates or representatives (i) any liability, obligation, commitment and/or undertaking, and/or (ii) any waiver in connection with or of any right, whether contractual, proprietary, inpersonam and/or equitable, including but not limited to, any and all intellectual property rights in connection with the Goods, which are and shall always remain in the Seller's exclusive and complete ownership under all circumstances whatsoever, notwithstanding any sale of Goods hereunder and whether the Goods shall be standard Goods or manufactured to a specific order. The Buyer shall refrain at all times and for whatever purpose from infringing, contesting, disputing or questioning such rights, patents, trademarks, titles or interests, nor shall it aid or allow others to do so, regardless of whether directly or indirectly. No modification or waiver of any provision hereof shall become valid and effective except upon a written instrument duly signed beforehand by Seller. No waiver by either party of any default of the other party shall be deemed a waiver of any subsequent or other default.

#### 12. Law and Arbitration

This Contract shall be governed by and construed in accordance with the laws of the State of New Jersey and the jurisdiction and venue of Bergen County, New Jersey.