



以关怀为本 为关爱而行

WE CARE

我们以关爱和创新为动力，精心打磨每一个细节。
gapZero（零间隙）专利技术，能够有效降低种植体周围炎的风险，
帮助您获得更为理想的治疗效果。

YOU CARE

我们将一路陪伴您，提供优质服务，
并确保每个Ticare的产品都贴合您的需求，以此来回报客户对我们的信任。

TICARE

“以关怀为本 为关爱而行”成就了今天的Ticare。我们关心每一位客户，
细致入微的呵护每一个细节。种植体周围组织健康，请放心交给我们来守护。

What matters to you, it also matters to us.
What you care, we care.

MOVING FOR CARE

我们为关怀、创新和优质服务而努力前行。
您所关心的，我们同样关心。

1 “零间隙”技术
降低种植体周围炎
风险的领先科技

2 TC一体化表面处理技术
生物磷酸钙喷砂介质
增强骨结合能力

3 精确的备洞流程
设计用于组织保护的
钻孔方案

4 全程可追溯
确保每个种植体和基
台的品质

1

降低种植体周围炎风险的领先科技

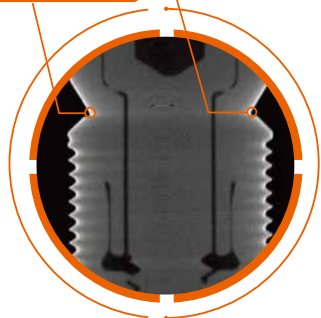
GAP ZERO[®]
TECHNOLOGY
ticare



唯一有科学证据表明其真正实现了
gapZero“零间隙”的系统

GAP 0

施加20Ncm和30Ncm的扭力



种植体和基台连接界面未观察到细菌微渗漏


ticare
MOVING FOR CARE

有效维持边缘骨水平



科学研究和临床试验证实了Ticare的gapZero技术在临床应用中具有显著的优势

由于种植体-基台界面无微动无渗漏,能够有效降低种植体周围炎的风险,有效维持边缘骨水平和软组织的长期稳定。

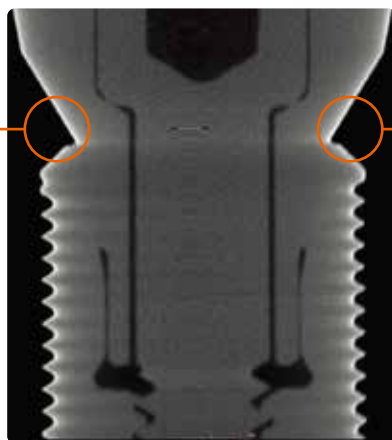
GAP ZERO
TECHNOLOGY
ticare

边缘骨水平的维护

研究表明, Ticare Inhex种植体在7年随访中的边缘骨流失仅为0.2毫米。

GAP 0

2018年发表的关于Ticare Inhex种植体的研究表明, 当采用20和30Ncm的扭力时, 种植体与基台连接界面没有发现细菌微渗漏。

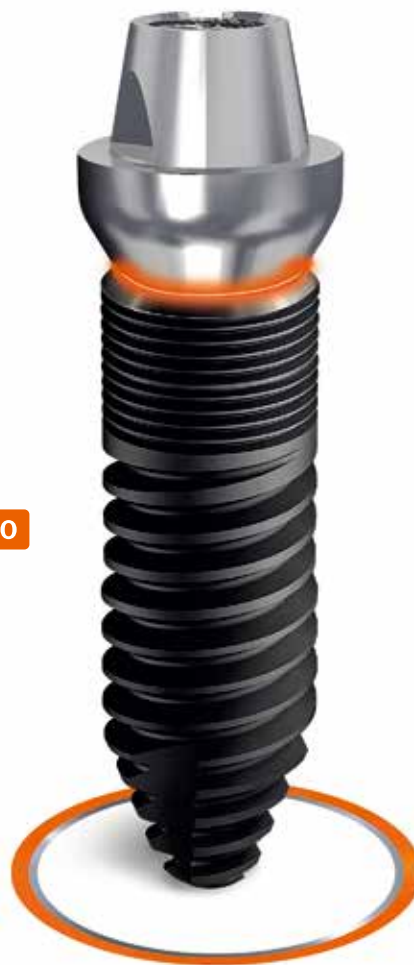


施加20Ncm和
30Ncm的扭力

GAP 0

CT image courtesy of University of Minnesota.

在2021年发表的一项对比研究中, Ticare 被证实是唯一没有细菌微渗漏的种植体。



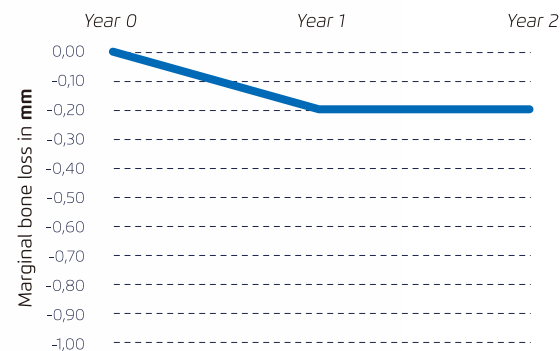
配合Ticare原厂基台使用

随访年份
2015

负重年份
2024



Images courtesy of Dr. Pablo Domínguez

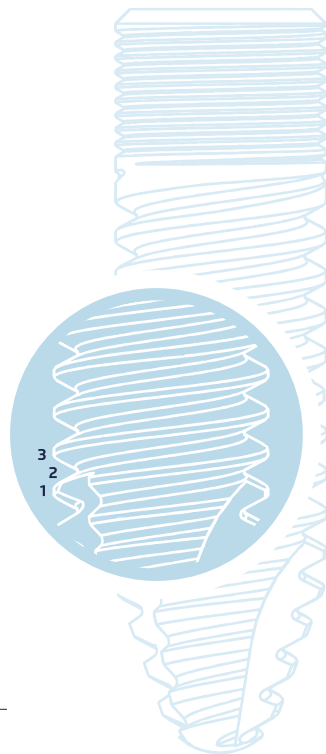
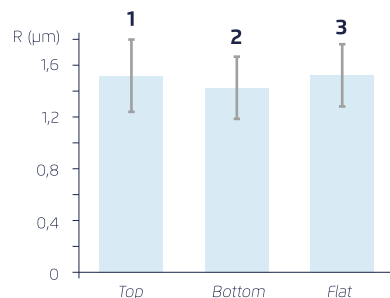


2 TC一体化表面处理技术

种植体表面的均匀微粗糙度能够增强骨—种植体界面的骨结合

A 可吸收磷酸钙颗粒具有极好的生物相容性和亲骨性。种植体表面均匀微粗糙度，使得TC一体化表面处理（磷酸钙喷砂与酸蚀处理）能够有效增加骨—种植体界面接触面积(BIC)，提高种植体的骨结合能力。

B Ticare生产的种植体会被送往美国，由一家权威认证机构完成酸洗钝化的第二道工序，清除种植体表面的氧化物、污染物和其他杂质，并在表面形成一层氧化钛膜，确保种植体表面100%纯净无污染，从而提高种植体的耐腐蚀性和生物相容性。



高存活率



图片由Alberto Monje医生提供

存活率

研究表明，Ticare种植体在5年随访中，平均存活率为98%，在肿瘤患者中为94.25%。

98%

5年随访

94.25%

肿瘤患者

维护种植体周围组织健康

得益于专门设计的钻孔方案并使用了：

RCD（类金刚石碳涂层）螺旋钻，
减少与骨头的摩擦。

A

颈部成型钻用于种植体颈部肩台的预备，并避免种植
体颈部微螺纹对牙槽嵴骨质的过度挤压。

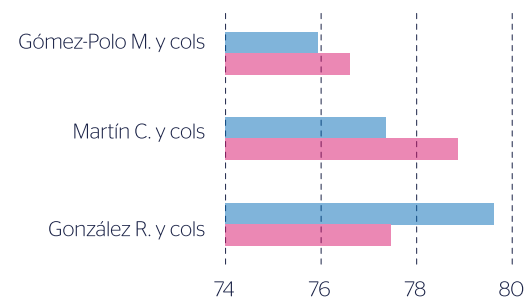
B

确保了种植体具有较高的初期稳定性。从术后第8周
开始，随着骨组织逐渐愈合，种植体能够继续维持较
高水平的次级稳定性，有效的维护边缘骨水平，从而
确保手术的长期成功。

设计用于组织保
护的钻孔方案

平均ISQ值

植入时
随访时



8周随访时的BIC%值为60.74%。

4 每个种植体和配件全程可追溯



GENETIC

通过严格的质量控制流程，确保每个种植体和配件**100%逐一检验**，而非抽检。

您的患者可以放心使用Ticare的产品，我们为您全程把关，帮助您**提升客户满意度和服务质量**。

更高的治疗
可预见性



让患者了解Ticare种植系统的品质

下载种植体品质保证证书

医生和患者可登录Ticare官网，凭溯源码查询产品真伪，并下载品质保证证书。

得益于精湛的制造工艺和高于行业标准的质量控制体系，我们不仅赢得了客户的信任，令他们高枕无忧，并且所有信息公开透明，您的患者可以放心选择Ticare的产品！



兹证明:

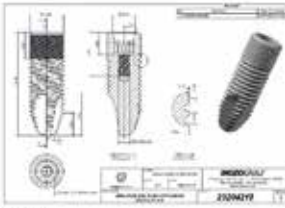
防伪编码 ID Number, 为我们提供了一套完整的产品生产及质量把控的追踪信息。

ID NUMBER: 42340548	产品型号: 14000522
生产批号: 23204215	生产日期: 12/11/2012
产品描述: IMPLANTE INHEX STD. 4.25 X 15 MM	验证日期: 14/11/2012

操作执行

 PEDRO PUERTA GONZALEZ 负责制造您的种植体 23/10/12	 LAURA RODRIGUEZ ALONSO 负责验证您的种植体 16/11/12
--	---

我们将根据您的信息, 提供您的种植体/修复附件相关的最有价值的参数检验报告, 证实其与原设计标准一致:



Ticare China | 西班牙莫左格劳股份公司中国代表处
Room 583, 5/F, Block A, Landgentbldg Center, Chaoyang District,
Beijing 100022 P.R. China
北京市朝阳区乐成中心A座5层583室
E: naomid@ticareimplants.com
www.ticareimplants.cn

登录官方网址 www.trazabilidad.mozo-grau.com, 输入产品包装上的ID编号获取。

告知您的患者Ticare对于关爱的承诺

您的患者值得拥有健康美丽的笑容！我们将帮助您向患者传达Ticare种植系统的独特优势：

- A** 一款无细菌微渗漏、成功率高、能够更好的维护骨水平，并有效降低种植体周围炎风险的解决方案。
- B** 一款通过精确的备洞流程，维护种植体周围组织健康的治疗方案
- C** 制造过程中对产品质量的严格把控，最终确保了产品的可靠性和安全性。



MOVING FOR CARE

Ticare产品优越性能的医学询证



参考文献

A. Absence of gap in the implant-abutment connection

(1) Larrucea Verdugo C, Jaramillo Núñez G, Acevedo Avila A, Larrucea San Martín C. Microleakage of the prosthetic abutment/implant interface with internal and external connection: in vitro study. Clin Oral Implants Res. 2014 Sep;25(9):1078-83.

(2) Larrucea C, Conrado A, Olivares D, Padilla C, Barrera A, Lobos O. Bacterial microleakage at the abutment-implant interface, in vitro study. Clin Implant Dent Relat Res. 2018 Jun;20(3):360-367.

(3) He Y, Fok A, Aparicio C, Teng W. Contact analysis of gap formation at dental implant-abutment interface under oblique loading: A numerical-experimental study. Clin Implant Dent Relat Res. 2019 Aug;21(4):741-752.

(4) Carlos LV, C Carlos N, Sm Karina L, K Sunil B, E Carlos P, G Olga L. Comparative study of bacterial microfiltration in the implant-abutment interface, with straight and conical internal connections, in vitro. Clin Exp Dent Res. 2021 Dec;7(6):1014-1024.

(5) Honório Tonin BS, He Y, Ye N, Chew HP, Fok A. Effects of tightening torque on screw stress and formation of implant-abutment microgaps: A finite element analysis. J Prosthet Dent. 2022 Jun;127(6):882-889.

B. Maintenance of marginal bone

Average bone loss at 5-year follow-up

(6) R. Fernández, D. Peñarrocha-Oltra, M. Peñarrocha-Diogo, J. Buti, E. Khanari, M. Esposito. Natural or platat positioning of immediate post-extractive implants in the aesthetic zone? 5-year results of a multicentre randomised controlled trial. Clinical Trials in Dentistry 2020;02(1):59-71

(7) Serrano B, Sanz-Sánchez I, Serrano K, Montero E, Sanz M. One-year outcomes of dental implants with a hybrid surface macro-design placed in patients with history of periodontitis: A randomized clinical trial. J Clin Periodontol. 2022 Feb;49(2):90-100.

(8) Maceiras L, Liñares A, Nóvoa L, Batalla P, Mareque S, Pérez J, Blanco J. Marginal changes at bone-level implants supporting dental prostheses with or without intermediate standardised abutments after 36 months: Randomised controlled clinical trial. Clin Oral Implants Res.2024; 00:1-9.

(9) Bernabeu-Mira JC, Pellicer-Chover H, Peñarrocha-Diogo M, Peñarrocha-Oltra D. In Vitro Study on Bone Heating during Drilling of the Implant Site: Material, Design and Wear of the Surgical Drill. Materials (Basel). 2020 Apr 19;13(8):1921

C. Survival rate

C.1. Implant survival at 1- and 5-year follow-up

(10) Peñarrocha-Diogo MA, Flichy-Fernández AJ, Ionso-González R, Peñarrocha-Oltra D, Balaguer-Martínez J, Peñarrocha-Diogo M. Influence of implant neck design and implant-abutment connection type on peri-implant health. Radiological study. Clin Oral Implants Res. 2013 Nov;24(11):1192-200.

(11) Pellicer-Chover H, Peñarrocha-Diogo M, Peñarrocha-Oltra D, Gomar-Vercher S, Agustín-Panadero R, Peñarrocha-Diogo M. Impact of crestal and subcrestal implant placement in peri-implant bone: A prospective comparative study. Med Oral Patol Oral Cir Bucal. 2016 Jan 1;21(1):e103-10.

(12) Peñarrocha-Diogo M, Balaguer-Martí JC, Peñarrocha-Oltra D, Balaguer-Martínez JF, Peñarrocha-Diogo M, Agustín-Panadero R. A combined digital and stereophotogrammetric technique for rehabilitation with immediate loading of complete-arch, implant-supported prostheses: A randomized controlled pilot clinical trial. J Prosthet Dent. 2017 Nov;118(5):596-603.

(13) Pellicer-Chover H, Peñarrocha-Oltra D, Aloy-Prosper A, Sanchis-Gonzalez JC, Peñarrocha-Diogo MA, Peñarrocha-Diogo M. Comparison of peri-implant bone loss between conventional drilling with irrigation versus low-speed drilling without irrigation. Med Oral Patol Oral Cir Bucal. 2017 Nov 1;22(6):e730-e736.

(14) Pellicer-Chover H, Peñarrocha-Diogo M, Aloy-Prosper A, Canullo L, Peñarrocha-Diogo M, Peñarrocha-Oltra D. Does Apico-Coronal Implant Position Influence Peri-Implant Marginal Bone Loss? A 36-Month Follow-Up Randomized Clinical Trial. J Oral Maxillofac Surg. 2019 Mar;77(3):515-527.

(15) M. Esposito, L. Sbricoli, J. Buti, U. Uccioli, M. Tallarico. Endodontic retreatment vs dental implants of teeth with an uncertain endodontic prognosis: 5-year results from a randomised controlled trial. Clinical Trials in Dentistry 2020;02(3):27-43.

C.2. Implant survival up to 7-year follow-up in oncologic patients

(16) Cuesta-Gil M, Ochandiano Caicoya S, Riba-García F, Duarte Ruiz B, Navarro Cuéllar C, Navarro Vila C. Oral rehabilitation with osseointegrated implants in oncologic patients. J Oral Maxillofac Surg. 2009 Nov;67(11):2485-96.

(17) Mancha de la Plata M, Gías LN, Díez PM, Muñoz-Guerra M, González-García R, Lee GY, Castrejón-Castrejón S, Rodríguez-Campo FJ. Osseointegrated implant rehabilitation of irradiated oral cancer patients. J Oral Maxillofac Surg. 2012 May;70(5):1052-63.

(18) Navarro Cuellar C, Caicoya SJ, Acero Sanz JJ, Navarro Cuellar I, Muela CM, Navarro Vila C. Mandibular reconstruction with iliac crest free flap, nasolabial flap, and osseointegrated implants. J Oral Maxillofac Surg. 2014 Jun;72(6):1226.e1-15.

(19) Navarro Cuéllar C, Ochandiano Caicoya S, Navarro Cuéllar I, Valladares Pérez S, Fariña Sirandoni R, Antúnez-Conde R, Díez Montiel A, Sánchez Pérez A, López López AM, Navarro Vila C, Salmerón Escobar JJ. Vertical Ridge Augmentation of Fibula Flap in Mandibular Reconstruction: A Comparison between Vertical Distraction, Double-Barrel Flap and Iliac Crest Graft. J Clin Med. 2020 Dec 30;10(1):101.

(20) Antúnez-Conde R, Salmerón JI, Díez-Montiel A, Agea M, Gascón D, Sada Á, Navarro Cuéllar I, Tousidonis M, Ochandiano S, Arenas G, Navarro Cuéllar C. Mandibular Reconstruction With Fibula Flap and Dental Implants Through Virtual Surgical Planning and Three Different Techniques: Double-Barrel Flap, Implant Dynamic Navigation and CAD/CAM Mesh With Iliac Crest Graft. Front Oncol. 2021 Oct 5;11:719712.

(21) Navarro Cuéllar C, Tousidonis Rial M, Antúnez-Conde R, Agea Martínez M, Navarro Cuéllar I, Salmerón Escobar JJ, Navarro Vila C. Functional Outcomes with Facial Artery Musculo-Mucosal (FAMM) Flap and Dental Implants for

Reconstruction of Floor of the Mouth and Tongue Defects in Oncologic Patients. J Clin Med. 2021 Aug 17;10(16):3625.

(22) Navarro Cuéllar C, Tousidonis Rial M, Antúnez-Conde R, Ochandiano Caicoya S, Navarro Cuéllar I, Arenas de Frutos G, Sada Urmeneta Á, García-Hidalgo Alonso MI, Navarro Vila C, Salmerón Escobar JJ. Virtual Surgical Planning, Stereolitographic Models and CAD/CAM Titanium Mesh for Three-Dimensional Reconstruction of Fibula Flap with Iliac Crest Graft and Dental Implants. J Clin Med. 2021 Apr 29;10(9):1922.

D. Bone-to-Implant Contact (BIC) ratio

(23) Blanco J, Alvarez E, Muñoz F, Liñares A, Cantalapiedra A. Influence on early osseointegration of dental implants installed with two different drilling protocols: a histomorphometric study in rabbit. Clin Oral Implants Res. 2011 Jan;22(1):92-9.

(24) Soto-Peñaloza D, Caneva M, Viña-Almunia J, Martín-de-Llano JJ, García-Mira B, Peñarrocha-Oltra D, Botticelli D, Peñarrocha-Diogo M. Effect on osseointegration of two implant macro-designs:A histomorphometric analysis of bicortically installed implants in different topographic sites of rabbit's tibiae. Med Oral Patol Oral Cir Bucal. 2019 Jul 1;24(4):e502-e510.

(25) Monje A, Chappuis V, Monje F, Muñoz F, Wang HL, Urban IA, Buser D. The Critical Peri-implant Buccal Bone Wall Thickness Revisited: An Experimental Study in the Beagle Dog. Int J Oral Maxillofac Implants. 2019 November/December;34(6):1328-1336.

(26) Sanchez-Perez A, Cachazo-Jiménez C, Sánchez-Matás C, Martín-de-Llano JJ, Davis S, Carda-Batalla C. Effects of Ultraviolet Photoactivation on Osseointegration of Commercial Pure Titanium Dental Implant After 8 Weeks in a Rabbit Model. J Oral Implantol. 2020 Apr 1;46(2):101-107.

E. Implant stability Values (ISQ)

(27) Gómez-Polo M, Ortega R, Gómez-Polo C, Martín C, Celemin A, Del Río J. Does Length, Diameter, or Bone Quality Affect Primary and Secondary Stability in Self-Tapping Dental Implants? J Oral Maxillofac Surg. 2016 Jul;74(7):1344-53.

(28) Martín C, Gómez-Polo C, Gómez-Polo M, Celemin A, del Río Highsmith J. Estudio clínico sobre el torque de inserción y análisis de frecuencia de resonancia para evaluar la estabilidad primaria y secundaria en implantes dentales Mozo Grau Inhex. Rev Int Prot estomatol 2015;17(2):109-118

(29) González-García R, Monje F, Moreno-García C. Predictability of the resonance frequency analysis in the survival of dental implants placed in the anterior non-atrophied edentulous mandible. Med Oral Patol Oral Cir Bucal. 2011 Aug 1;16(5):e664-9.

(30) Sanchez-Perez A, Nicolas-Silvente AI, Sanchez-Matas C, Molina-García S, Navarro-Cuellar C, Romanos GE. Primary stability and PES/WES evaluation for immediate implants in the aesthetic zone: a pilot clinical double-blind randomized study. Sci Rep. 2021 Oct 8;11(1):20024.



Ticare泰科中国官方微信公众号

www.ticareimplants.cn
Email: naomid@ticareimplants.com

代理商联系方式
Email: admin@zlyl-hb.com
电话: 0310-550-1668

感谢以下行业协会的赞助与支持

