DENTIUM Co., Ltd.

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Dentium Profile

Overview
Vision & Mission
History
Products from Dentium
Dentium Co., Ltd. was found in South Korea in June 2000 as the first company to successfully achieve the S.L.A. (Sandblasting with large grits and acidetching) surface treatment technology. Ever since its establishment, Dentium has collaborated with leading clinicians, research institutes, and universities to develop and offer the state of the art products to make dental implant surgeries easier and more predictable. Dentium’s products are developed by industry leaders backed by unprecedented hours of research and long-term clinical documentation.

To ensure that Dentium offers products highest in quality, Dentium attained the ISO13485 and CE (Europe) certification and met the good manufacturing standards (GMP) set forth by many countries worldwide, including the United States food and drug administration (FDA). Dentium is globally recognized as a company dedicated to research and development. Dentium began with the manufacturing of high quality dental implant products and related instruments. Over time, to complement its dental implant systems, Dentium has embarked in developing regenerative materials. Some of Dentium’s widely recognized biologics include bone graft material, growth factor, collagen membrane, and tissue engineering products. Moreover, Dentium has expanded its presences in the field of dentistry by developing and manufacturing lab products (Zirconia Blocks, Porcelain) and equipment for digital dentistry (CAD/CAM System).

In addition to the R&D, Dentium is highly regarded for its commitment to providing edifying scientific programs. Every year, Dentium organizes annual Dentium world symposium, clinical case presentations, and seminars, where thousands of dental professionals from all around the world attend to share their professional experiences and knowledge in the field of dental implant, restorative, and digital dentistry.

Dentium will continue to meet the demands of our valued customers by providing the highest of quality products, comprehensive educational programs, and unrivalled customer service to dental professionals worldwide. It is an honor to have you as our valued customer.

Thank you.
Our vision is to improve the quality of human life through cutting-edge researches, developments, and innovations. We are committed to creating a gateway to realize the dreams.
2000
Biostech Co., Ltd. was established

2001
KFDA acquired (Company name changed from biostech Co., Ltd. to Dentium Co., Ltd.)

2002
ISO 13485 / CE acquired

2003
ISO 9001 approval

2004
USA / China branches were

2005
Indian Certificate

2006
SlimLine / SimpleLine released, Taiwan / Canadian CE certificate for Osteon™ acquired

2007
SuperLine released / FDA certificate for OSTEON™ acquired

2008
MAD/MAM System released / ICT was established

2009
China SFDA certificate acquired / SlimOnebody released
Awarded the citation of Prime Minister by KHIDI

2010
CAD/CAM System, ICT Motor, Collagen Membrane, SimpleLine II released
World symposium 2010 in Seoul, South Korea / World symposium 2010 in LosAngeles, USA
FDA for SimpleLine acquired

2011
OSTEON™ II Sinus/Lifting, rainbow™ CAD/CAM system released
iCT FZCO (Dubai) branch was established / World Symposium 2011 in Moscow, Russia
World Symposium 2011 in Seoul, South Korea / FDA for Collagen Membrane acquired

2012
Maxillofacial implant, Harvest Drill, OSTEON™ II Collagen,
HA Collagen Membrane released / World symposium 2012 in Seoul, South Korea
iCT Europe GmbH (Germany) branch was established
CE certificate for OSTEON™ II acquired

2013
CT SCAN, CAD/CAM System (2013 version) / rainbow™ Porcelain, Trans Block, Brushing Liquid
Surgical Guide released, NR Line, RS Kit, GBR system, Polymer guide, Dome-Type Magnetic Attachment
iCT injection released CE for iCT injection, rainbow™ Porcelain acquired
World symposium 2013 in Seoul, South Korea / Singapore branch was established

2014
Hong Kong branch was established / NR Line, NR Line (Full line-up) Implantium II released
Temporary Shell, rainbow™ Paste stain, rainbow™ Brushing Pen released
World symposium in Seoul, South Korea / World symposium in New York City, USA
Russia branch was established

2015
CAD/CAM, Mill for Clinic, iOS released / World forum in Singapore,
World symposium 2015 in Shanghai, China / Digital dentistry symposium 2015 in Seoul, South Korea

2016
TN-Brush, rainbow™ High Shine, rainbow™ LS Pressing, rainbow™ LS Block, rainbow™ Shade Block released
OSTEON™ III Collagen, OSTEON™ III released / World symposium in Seoul
World forum in Sydney / World forum in Phuket
Dental Implant
Kit & Instrument
Regeneration
Digital Dentistry
Lab Product
02 Strength of Dentium

R&D Center
Product Segment
Certificates
Patents & Trademark rights
Dentium R&D center in South Korea consists of highly specialized and experienced researchers with one of the most advanced facilities and equipment for innovation available today. For this reason, Dentium R&D is currently leading the international technical development of implantology through active collaboration with the government, renowned universities and hospitals. Dentium R&D center has proven its capability in heightening its technology and bringing new meaning to innovative development. Through the years of know-how and master craftsmanship in the industry, Dentium R&D has captivated the attention of dental professionals all around the world.

**Market Survey**
Identification of customer’s needs and demands

**Design & Development of Advanced Materials**
Determination and production of design concept and goal

**Evaluation & Verification**
Validation through collaboration with governments, universities, and hospitals

**Certification & Authorization**
Approved by from governmental regulatory affairs

**Product Evaluation in the Market**
Reflection of customer’s complaints and suggestions
Dentium is the first company in South Korea to successfully achieve the S.L.A. (Sandblasting with Large grits and Acid etching) surface treatment technology, which ensures excellent stability and biocompatibility. Dentium recently completed a clinical milestone by gathering “over 10 years of long-term data,” an amazing achievement and testament to its products and its research and development. Dentium has obtained the FDA clearance from the USA and the CE certification from Europe and has been exporting products to over 70 different countries worldwide.

Dental Implant

Dental implant is successful because we made Korea’s first complicated S.L.A. (Sandblasting with Large grits and Acid etching) surface process possible.

NR Line
SuperLine
Implantium II
SimpleLine II
SlimLine
Overdenture System
Dentium's dedication and commitment to developing and manufacturing dental products does not stop with dental implants alone. As implant dentistry is becoming increasingly sophisticated, it is only a natural progression for companies like Dentium to develop counterparts to complement its dental implant systems. Hence, Dentium is constantly striving to develop more complementary products to simplify the complicated dental implant surgeries.

**Kit & Instrument**

<table>
<thead>
<tr>
<th>Product</th>
<th>Segments</th>
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<tbody>
<tr>
<td>DASK (Dentium Advanced Sinus Kit)</td>
<td>Sinus Elevator</td>
</tr>
<tr>
<td>Implant Guide</td>
<td>Polymer Guide</td>
</tr>
<tr>
<td>RS Kit (Ridge Spreader Kit)</td>
<td>Harvest Drill</td>
</tr>
<tr>
<td>Temporary Shell</td>
<td>White Seal™</td>
</tr>
<tr>
<td>Help Kit</td>
<td>TN Brush</td>
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Dentium’s regeneration materials for bone preservation and soft tissue management for successful implant surgery has never been better. Supported by many documentations and researches, such as the one performed by Dr. Myron Nevins from the Harvard University - School of Dental Medicine, Dentium’s regenerative products has been proven to be one the most effective biologics in today’s market.

Regeneration

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Histological result of OSTEON™ III
In vivo test 8 weeks

OSTEON™ III
OSTEON™ 3 Collagen
Collagen Membrane
Collagen Membrane-P
Collagen Graft
Digital Dentistry

rainbow™ digital dentistry is a complete dental diagnostic system ranging from CAD/CAM equipment to Lab products. Dentium is committed to developing, manufacturing and providing a full series of products related to prosthetics for our customers. Dentium is currently the only company developing and manufacturing the “all-in-one system” in South Korea. We expect to release a diverse range of digital dentistry as we continue to pave the way as the leader in the industry.

rainbow™

CBCT
Scanner Prime
Metal - Mill
Mill for Clinic
Mill
Lab Products

The more implants will be placed, the more convenient and precise restoration process will be needed. Furthermore, an implant surgery is deemed successful when a technician or a clinician achieves a functional and aesthetic restoration on a patient. Therefore, Dentium has embarked in developing lab products to deliver those desired outcomes. Dentium has gone even further by developing solutions and substances to provide users the control over the aesthetics in implant restorations. Dentium is one of the very few dental implant companies worldwide with such sophisticated line of dental lab products.
2003 - 2016

Trust through Best Quality

The Dentium quality system complies with international quality standard (ISO 9001)

FDA, CE, CFDA, ARTG, MOH (Iraq, India)
Taiwan, Russia, Uzbekistan, Ukraine
Patents & Trademark rights

Dentium has filed for patents to protect the following inventions. This listing includes patent applications that are pending as well as patents that have already been granted by the overseas Patent and South Korea Trademark Office.

**Patents**
- Implant System
- Implant, Abutment
- Surgical Instrument
- Sinus lifting Bur, Harvest Drill, Chisel
- Biologics
- Pore manufacturing
- Digital Product
- X-ray apparatus
- Lab Product
- Drills for implant, Lab product
- Dental manufacturing Bur

**Trademark rights**
- Implant System
- Implantium, SuperLine, SimpleLine
- Surgical Instrument
- DASK
- Biologics
- OSTEON
- Digital Product
- Institute convergence technolog (ICT)
03
Partnership & Collaboration

Global Network
Global Milling Center Network
Strategic Partnership
1 Headquarter, 15 Branch Office, Selling in over 70 countries
Global Milling Center Network

Benefits of Dentium Milling Center

Convenience
Dentium milling center’s service for customized restoration and surgical stent is available to any dental professional worldwide.

Fast
In addition to physical stone models, we accept digital impressions (scanned impression) which can reduce the turnaround time.

Accuracy
We have the exact measurement of our Dentium products, therefore, we can fabricate prostheses and surgical stents with the highest level of accuracy.

Reliability
Dentium has been in dental implant business for more than 15 years, allowing us to know exactly what the dental professionals and patients want and need.

Optimized for the implant products from Dentium
Ti-based zirconia customized abutment, Customized titanium Abutment, Zirconia Crown (Full Zirconia and Build-up Crown), Surgical Guide, Various restorations work.

Korea Milling Center (Head Office)
18, Sinbong 1-ro 347beon-gil, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea
Tel.: +82-70-7098-4184

China Milling Center (Branch)
188 Shenmei Rd., Zhoupu Town, Pudong New Dist., Shanghai, China (201318)
Tel.: +86-21-6813-1338

Thailand Milling Center (Branch)
Launching Soon

Iran Milling Center (Branch)
5F, No 62, Sarv Sq. Saadat Abad, Tehran, Iran
Tel.: +98-21-2238-5294

Iraq Milling Center (Distributor)
Rubaie St. Ziyouna, Baghdad, Iraq
Tel.: +964-782-333-1136

Russia Milling Center (Distributor)
123007, Russian Federation, Moscow, Rozanova Street, Dom 10, Str 1
Tel.: +7-800-707-40-78

Croatia Milling Center (Distributor)
123007, Russian Federation, Moscow, Rozanova Street, Dom 10, Str 1
Tel.: +385-51-860-138

Nepal Design Center (Branch)
Nepal, Dhulikhel Municipality, Ward No. 5, Kavre
Tel.: +977-9823-678-769
Dentium actively cooperates with renowned universities and prominent leaders in the industry to accumulate supportive documents to verify and demonstrate the clinical and technical excellence of our products. With these research data, Dentium is confident to offer products that guarantee fruitful results and state-of-the-art quality.

Universities in Collaboration with Dentium

Columbia University (USA)
“Dentium is an educational partner of Columbia University, College of Dental Medicine, where its dental implant system is being used in pre- and post-doctoral training programs.”

Loma Linda University (USA)
University of Michigan (USA)
SUNY University at Buffalo (USA)
University of Southern California (USA)
Università degli Studi di Milano (Italy)
Università degli Studi di Napoli (Italy)
Albert Ludwig University of Freiburg (Germany)
Rangsit University (Thailand)
Tehran University (Iran)
Peking University (China)
West China School of Stomatology (China)
Nanjing Medical University (China)
Southern Medical University (China)
The School of Stomatology of Fujian (China)
Medical University (China)
04
Dentium Activities
World Conference
Dentium Academy
Dentium academy is an implant program committed to enriching your practice as well as bringing added benefits to your patients.

Advanced Prothesis
Live Surgery
Perio Surgery
GBR
Practical
Simple & Predictable
Over 10 years of Clinical Evidence

Dentium Provides Predictability Based on Evidence
10 years history of consistent implant design with S.L.A. surface
(Sandblasted with large grit and acid etched) excellent bone preservation

Efficiency Through Simplicity
Single abutment connection is used for all implant diameters
One abutment screw fits all abutments and fixture platforms

S.L.A. Surface
(Sandblasting with large grits and acid etching)

Reference: Wonbae Park, DDS, et al.,

Cell number: 3 X 10, after 7 days of cell culture
Online Service

Watch live surgeries simply by touching whenever and wherever you are!

Clinical Case Server
Clinicaldentum.com

Youtube
youtube.com/user/dentiumworld

Facebook
facebook.com/dentium_implant

get access to our
CLINICAL CASE VIDEOS
Anytime & Anywhere!