

# EC Declaration of Conformity

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**MegaGen Implant Co., Ltd.**  
**377-2, Gyochon-ri, Jain-myeon,**  
**Gyeongsan-si, Gyeongbuk, Korea**

Declare that the medical devices described hereafter

The **Dental Implant** of Dental implant system are intended to be placed in the upper or lower jaw to support prosthetic devices, such as artificial teeth, and to restore a patient's chewing function. (refer to the Attachment 1 for Product list details)

and have been classified as **Class IIb** (Annex IX Rule 8) and are in conformity with the essential requirements and provisions of Council Directive 93/42/EEC as amended by Directive 2007/47/EC

and are in conformity with the following harmonized standards

EN ISO 13485:2003, EN ISO 14971:2009, EN 1642:2009,  
EN ISO 10993-1:2009, ISO 14801:2007, EN 556-1:2001,  
EN ISO 11137-1:2006, EN ISO 11137-2:2007, EN ISO 11737-1:2006,  
EN ISO 11607-1:2009, EN ISO 11607-2:2006, EN 980:2008, EN 1041:2008  
(Refer to the Attachment 2 for standards details)

and are subject to the procedure set out in **Annex II excluding section 4** of Directive 93/42/EEC as amended by Directive 2007/47/EC under the supervision of Notified Body 0434, Det Norske Veritas Certification AS, Veritas veien 1, 1322 Høvik, Norway

March 12, 2012



Il Kim  
Quality Director  
On behalf of MegaGen Implant Co., Ltd.

**EC Authorised representative**

ImplaMedica., Ltd.  
Fabijoniskiu 39-45, Vilnius LT-07120,  
Lithuania

# Attachment 1 – Product list

Certificate No.: 71220-2010-CE-KOR-NA Rev.8.0

Manufacturer: MegaGen Implant Co., Ltd.

Product Name	Model Name
ExFeel™ External Implant System	<ul style="list-style-type: none"> <li>• ExFeel™ External Fixtures</li> <li>Φ3.30mm: SDR3308, SDR3310, SDR3311, SDR3313, SDR3315, SDR3318</li> <li>Φ3.75mm: RDR3708, RDR3710, RDR3711, RDR3713, RDR3715, RDR3718</li> <li>Φ4.00mm: RDR4008, RDR4010, RDR4011, RDR4013, RDR4015, RDR4018</li> <li>Φ4.50mm: RDR4508, RDR4510, RDR4511, RDR4513, RDR4515, RDR4518</li> <li>Φ5.00mm: TWDR5008, TWDR5010, TWDR5011, TWDR5013, TWDR5015, TWDR5018</li> </ul>
ExFeel™ Internal Implant System	<ul style="list-style-type: none"> <li>• ExFeel™ Internal Fixtures: Straight Body Type</li> <li>Φ3.50mm: ISDB3507, ISDB3508, ISDB3510, ISDB3511, ISDB3513</li> <li>Φ4.10mm: ISDB4107, ISDB4108, ISDB4110, ISDB4111, ISBD4113 ISDB4107E, ISDB4108E, ISDB4110E, ISDB4111E, ISBD4113E</li> <li>Φ4.80mm: ISDB4807, ISDB4808, ISDB4810, ISDB4811, ISDB4813 ISDB4807E, ISDB4808E, ISDB4810E, ISDB4811E, ISDB4813E</li> <li>Φ5.50mm: ISDB5507, ISDB5508, ISDB5510, ISDB5511, ISDB5513, ISDB5507E, ISDB5508E, ISDB5510E, ISDB5511E, ISDB5513E</li> <li>• ExFeel™ Internal Fixtures: Tapered Body Type</li> <li>Φ3.50mm: ITDB3507, ITDB3508, ITDB3510, ITDB3511, ITDB3513</li> <li>Φ4.10mm: ITDB4107, ITDB4108, ITDB4110, ITDB4111, ITDB4113 ITDB4107E, ITDB4108E, ITDB4110E, ITDB4111E, ITDB4113E</li> <li>Φ4.80mm: ITDB4807, ITDB4808, ITDB4810, ITDB4811, ITDB4813 ITDB4807E, ITDB4808E, ITDB4810E, ITDB4811E, ITDB4813E</li> </ul>

	<p>Φ5.50mm: ITDB5507, ITDB5508, ITDB5510, ITDB5511, ITDB5513, ITDB5507E, ITDB5508E, ITDB5510E, ITDB5511E, ITDB5513E</p>
Intermezzo™ Implant System	<ul style="list-style-type: none"> <li>• Intermezzo™ Fixtures</li> </ul> <p>Φ1.60mm: IMTI1610, IMTI1611, IMTI1613, IMTI1615  Φ2.00mm: IMTI2010, IMTI2011, IMTI2013, IMTI2015  Φ2.50mm: IMTI2510, IMTI2511, IMTI2513, IMTI2515  Φ3.10mm: IMTI3110, IMTI3111, IMTI3113, IMTI3115</p>
EZ Plus™ External Implant System	<ul style="list-style-type: none"> <li>• EZ Plus™ External Fixtures</li> </ul> <p>Φ3.30mm: EZES3307, EZES3308, EZES3310, EZES3311, EZES3313, EZES3315, EZES3318  Φ4.00mm: EZER4007, EZER4008, EZER4010, EZER4011, EZER4013, EZER4015, EZER4018  Φ5.00mm: EZEW5007, EZEW5008, EZEW5010, EZEW5011, EZEW5013, EZEW5015, EZEW5018</p>
EZ Plus™ Internal Implant System	<ul style="list-style-type: none"> <li>• EZ Plus™ Internal Fixtures</li> </ul> <p>Φ3.30mm: EZIS3307, EZIS3308, EZIS3310, EZIS3311, EZIS3313, EZIS3315, EZIS3318  Φ4.00mm: EZIR4007, EZIR4008, EZIR4010, EZIR4011, EZIR4013, EZIR4015, EZIR4018  Φ4.10mm: EZIR4008, EZIR4010, EZIR4011, EZIR4013, EZIR4015, EZIR401  Φ4.50mm: EZIR4507, EZIR4508, EZIR4510, EZIR4511, EZIR4513, EZIR4515, EZIR4518  Φ5.00mm: EZIW5007, EZIW5008, EZIW5010, EZIW5011, EZIW5013, EZIW5015, ZIW5018</p>
Rescue™ External Implant System	<ul style="list-style-type: none"> <li>• Rescue™ External Fixtures</li> </ul> <p>Φ6.0mm: RSWR6005, RSWR6006, RSWR6007, RSWR6008, RSWR6010, RSWR6011, RSWR6013  Φ6.5mm: RSWR6505, RSWR6506, RSWR6507, RSWR6508, RSWR6510, RSWR6511, RSWR6513  Φ7.0mm: RSWR7005, RSWR7006, RSWR7007, RSWR7008, RSWR7010, RSWR7011, RSWR7013  Φ7.5mm: RSWR7505, RSWR7506, RSWR7507, RSWR7508, RSWR7510, RSWR7511, RSWR7513  Φ8.0mm: RSWR8005, RSWR8006, RSWR8007, RSWR8008, RSWR8010, RSWR8011, RSWR8013</p>
Rescue™ Internal Implant System	<ul style="list-style-type: none"> <li>• Rescue™ Internal Fixtures</li> </ul>

	<p>Φ6.0mm: RSWIR6005, RSWIR6006, RSWIR6007, RSWIR6008, RSWIR6010, RSWIR6011, RSWIR6013</p> <p>Φ6.5mm: RSWIR6505, RSWIR6506, RSWIR6507, RSWIR6508, RSWIR6510, RSWIR6511, RSWIR6513</p> <p>Φ7.0mm: RSWIR7005, RSWIR7006, RSWIR7007, RSWIR7008, RSWIR7010, RSWIR7011, RSWIR7013</p> <p>Φ7.5mm: RSWIR7505, RSWIR7506, RSWIR7507, RSWIR7508, RSWIR7510, RSWIR7511, RSWIR7513</p> <p>Φ8.0mm: RSWIR8005, RSWIR8006, RSWIR8007, RSWIR8008, RSWIR8010, RSWIR8011, RSWIR8013</p>
AnyRidge™ Internal Implant System	<ul style="list-style-type: none"> <li>• AnyRidge™ Internal Fixtures</li> </ul> <p>Ø3.5mm: FANIHR3507, FANIHR3508, FANIHR3510, FANIHR3511, FANIHR3513, FANIHR3515, FANIHR3518</p> <p>Ø4.0mm: FANIHR4007, FANIHR4008, FANIHR4010, FANIHR4011, FANIHR4013, FANIHR4015, FANIHR4018</p> <p>Ø4.5mm: FANIHR4507, FANIHR4508, FANIHR4510, FANIHR4511, FANIHR4513, FANIHR4515, FANIHR4518</p> <p>Ø5.0mm: FANIHR5007, FANIHR5008, FANIHR5010, FANIHR5011, FANIHR5013, FANIHR5015, FANIHR5018</p> <p>Ø5.5mm: FANIHR5507, FANIHR5508, FANIHR5510, FANIHR5511, FANIHR5513, FANIHR5515, FANIHR5518</p> <p>Ø6.0mm: FALIHR6007, FALIHR6008, FALIHR6010, FALIHR6011, FALIHR6013, FALIHR6015</p> <p>Ø6.5mm: FALIHR6507, FALIHR6508, FALIHR6510, FALIHR6511, FALIHR6513, FALIHR6515</p> <p>Ø7.0mm: FALIHR7007, FALIHR7008, FALIHR7010, FALIHR7011, FALIHR7013, FALIHR7015</p> <p>Ø7.5mm: FALIHR7507, FALIHR7508, FALIHR7510, FALIHR7511, FALIHR7513, FALIHR7515</p> <p>Ø8.0mm: FALIHR8007, FALIHR8008, FALIHR8010, FALIHR8011, FALIHR8013, FALIHR8015</p>

# Attachment 2 – Applied Standards

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## General Requirements

- EN ISO 13485:2003, Medical devices - Quality management systems - Requirements for regulatory purposes
- EN ISO 14971:2009, Medical devices - Application of risk management to medical devices
- EN 1642:2009, Dentistry. Medical devices for dentistry. Dental implants
- ISO 15225:2010, Medical devices – Quality management – Medical device nomenclature data structure

## Physical and mechanical Safety and effectiveness

- ISO 14801:2007, Dentistry - Implants - Dynamic fatigue test for endosseous dental implants

## Biological Safety and effectiveness

- ASTM F67-06, Standard Specification for Unalloyed Titanium, for Surgical Implant Application (UNS R50250, UNS R50400, UNS R50550, UNS R50700)
- EN ISO 10993-1:2009, Biological evaluation of medical devices - Part 1: Evaluation and testing
- EN ISO 10993-5:2009, Biological evaluation of medical devices – Part 5: Tests for in vitro cytotoxicity
- EN ISO 10993-6:2009, Biological evaluation of medical devices – Part 6: Tests for local effects after implantation
- ISO 10993-10:2009, Biological evaluation of medical devices – Part 10: Tests for irritation and sensitization
- EN ISO 10993-11:2009, Biological evaluation of medical devices – Part 11: Tests for systemic toxicity
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## Sterilization

- EN 556-1:2001, Sterilization of medical devices - Requirements for medical devices to be designated "STERILE" - Part 1: Requirements for terminally sterilized medical devices
- ASTM F1980-07(2011); Standard Guide for Accelerated Aging of Sterile Barrier Systems for Medical Devices
- EN ISO 11137-1:2006, Sterilization of health care products - Radiation - Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices
- EN ISO 11137-2:2007, Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose

- EN ISO 11737-1:2006, Sterilization of medical devices - Microbiological methods - Part 1: Determination of a population of microorganisms on products
- EN ISO 11737-2:2009; Sterilization of medical devices - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process

### **Packaging**

- EN ISO 11607-1:2009, Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging systems
- EN ISO 11607-2:2006, Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes
- ASTM F88/F88M-09 Standard Test Method for Seal Strength of Flexible Barrier Materials

### **Labelling**

- EN 980:2008, Symbols for use in the labelling of medical devices
- EN 1041:2008, Information supplied by the manufacturer of medical devices

### **Clinical evaluation**

- MEDDEV. 2.7.1 Rev.3, Clinical evaluation: A guide for manufacturers and notified bodies