

# **ArtiZahn**

## DENTAL IMPLANT SYSTEM

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### **INSTRUCTION FOR USE**

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ArtiZahn Implants, abutments and associated restorative and dental laboratory components. For detailed information on the specific product system you are using, please consult the ArtiZahn Dental Implant System catalogue.

#### **DESCRIPTION**

The ArtiZahn Dental Implant System includes Implants manufactured from titanium.

Dental implants are surgically inserted into the upper and/or lower jawbone and serve as a substitute or replacement tooth root providing a stable foundation for restorations.

#### **INDICATIONS FOR USE**

ArtiZahn implants are intended for use in partially or fully edentulous mandibles and maxillae, in support of single or multiple-unit restorations including cement retained, screw retained, or overdenture restorations, and terminal or intermediate abutment support for fixed bridgework.

#### **DIRECTIONS FOR USE**

The implantation procedure should be done under aseptic conditions with specifically designed sterile surgical instruments, an electrical surgical drilling system with internal and external irrigation is recommended for drilling the surgical site. Specific drilling sequences for placement of implants should be followed.

#### **WARNINGS**

Improper technique can contribute to implant failure and/or loss of bone. Artizhan Dental Implants are intended for use only in the indicated applications.

Dental Implants must not be altered in any way. The use of electro-surgical instruments or lasers around metallic implants and their abutments is not recommended due to the risk of electric and/or heat conductivity. Implant mobility, bone loss, or chronic infection may indicate implant failure. If the implant becomes contaminated by the patient's body fluids in any way, the implant cannot be used in any other patient.

## **PRECAUTIONS**

The surgical techniques required to place endosseous dental implants require specialized and complex procedures. Formal training for placement of implants is recommended. Important: determine local anatomy and suitability at the available bone for implant placement. Adequate radiographs, direct palpation and visual inspection of the implant site are necessary prior to treatment, planning and use of ArtiZahn Implants.

## **ADVERSE REACTIONS**

Some of the complications that can occur Include: infection, bone loss, patient discomfort, implant mobility, local soft tissue degeneration, and unfavourable implant placement or alignment.

Additional information and steps to be taken can be found in the Surgical Guide.

## **CONTRAINDICATIONS**

General contraindications associated with elective surgery should be observed. Possible contraindications: chronic bleeding problems, psychological impairment, metabolic bone or connective tissue diseases, treatment with corticosteroids, certain cardiac and vascular diseases, tobacco usage, diabetes (uncontrolled), treatment with chemotherapeutic agents, chronic renal disease, poor patient oral hygiene, bruxing and alcoholism. Temporary contraindications: systemic infection, local oral or respiratory infection. Anatomical or pathological contraindications: insufficient alveolar bone width and height to surround the implant with at least one millimetre of bone, both buccally and lingually, to the most superior aspect of the implant body, inadequate bone height where proper implant placement would encroach on the mandibular canal; malignancies. Unfavourable implant placement or alignment. Additional information and steps to be taken can be found in the Surgical Guide.

## HOW SUPPLIED











This package contains one dental implant. A cover screw is included with all two-piece implants.

## CAUTION

ArtiZahn Dental Implant has not been evaluated for safety and compatibility in the MR environment. ArtiZahn Dental Implant has not been tested for heating or migration in the MR environment. The maximum insertion Torque is 50Ncm.

*Do not reuse the Implants, Cover Screws, Temporary Abutments and Abutments. Re-use of these items will lead to an increased risk for product failure as functionality cannot be guaranteed if these products are reused. In addition, there is an increased risk of contamination.*

Explanation of Pictograms:

	Gamma sterilized		Manufacture
	Batch Number		Use by
	Catalogue Number		Attention
	Do not use if damaged		Do not re-use
	Product does not contain latex		Do not re-sterilize



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