High performance implant solutions
Anthogyr is your single partner providing interconnected solutions with Axiom® Multi Level® implants and Simeda® customized prosthesis. We design and manufacture ingenious solutions to create added value and to support dental professionals in their everyday dental challenges.

**Axiom® Multi Level®**
Ingenuity fully driven by prosthesis.

- **Intelligent product range**
  Freedom of complementary solutions, Axiom® BL, Bone Level and Axiom® TL, Tissue Level to improve treatment of patients.

- **Simple and efficient protocols**
  Easy implementation allowed by single common surgery kit and smart ancillaries.

- **Biological safety**
  A high-performance design promoting bone stability, maximizing soft tissue volume for predictable results.

- **Solutions driven by prosthesis**
  A wide range of catalog components, Labside solutions and Simeda® CAD CAM innovations with high added value.

**Axiom® Multi level®** is an implant concept that offers a smart range of surgical solutions, complementary philosophies with Bone and Tissue level implants, fully driven by prosthetics outcome for patients.
Axiom® BL, Bone Level
Endosseous implant designed for biological integration

BIOLOGICAL INTEGRATION
+ Sealed internal conical connection - morse type
  • Homogeneous distribution of mechanical constraints.
  • No micromovements: no bacterial infiltration.
  • Alveolar bone is preserved.
+ “Platform Switching”
  • Development of a gingival sleeve.
  • Soft tissue stabilization.
  • Hard tissue stability.
+ Threaded neck
  • Optimized bone attachment.
  • The cortical bone is preserved.

AESTHETIC MANAGEMENT FACILITATED
+ Subcrestal placement favorable to bone preservation
+ 1 or 2 steps surgery

PROSTHETIC CONVENIENCE
+ Single diameter prosthetic connection
  • For all BL REG and PX implant diameters.
  • Free choice of implant regardless of prosthetic volume to restore.
  • A single prosthetic range to manage.
+ Intuitive trilobe indexation
  • Guided, accurate abutment placement.

SINGLE DIAMETER PROSTHETIC CONNECTION

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  • For all BL REG and PX implant diameters.
  • Free choice of implant regardless of prosthetic volume to restore.
  • A single prosthetic range to manage.
+ Intuitive trilobe indexation
  • Guided, accurate abutment placement.

A SIMPLE RANGE TO COVER ALL INDICATIONS
2 profiles - REG and PX
4 diameters - 3.4, 4.0, 4.6 and 5.2 mm
7 lengths - 6.5, 8, 10, 12, 14, 16 and 18 mm
Axiom® TL, Tissue Level
Transgingival implant designed for biological safety

RESPECT FOR BIOLOGICAL PROCESSES
+ Safe prosthetic approach at gingival level
  - Total absence of bacterial infiltration at gingival level.
  - Lower risk of peri-implantitis.
+ Epithelium and connective tissue attachment preserved
  - Respect for the physical and physiological barriers.
  - Soft tissue stability.
  - Simplified access in posterior impression and prosthetics.
+ One-step surgery

OPTIMAL TISSUE MANAGEMENT
+ Maximized tissue volume
  - Tissue Favored Design anatomical profile of implant neck.
  - Promotes tissue organization in gingival sleeve.
  - Epithelium stabilization.
+ All indications covered thanks to 6 gingival profiles available
+ Smooth surface: optimal contact with gingiva

PROSTHETIC COMFORT
+ Double connection
  - inLink® innovative connection for multiple screw-retained restorations direct on Axiom® TL.
  - Conventional connection and trilobe index for single prosthesis.
+ Possible evolution from single to plural
+ Comfortable handling of the prosthesis for natural-looking emergence profiles
+ Choice of neck profiles

Tissue Favored Design

A COMPREHENSIVE RANGE TO COVER ALL INDICATIONS
2 profiles: REG and PX
4 diameters: 3.4, 4.0, 4.6 and 5.2 mm
6 lengths: 6.5, 8, 10, 12, 14 and 16 mm
2 platforms: R/4.8 and N/4.0 mm
3 neck heights: 1.5, 2.5 and 3.0 mm
2 body profiles for all bone situations

REG and PX profiles for both BL - TL Axiom® implants

**REG PROFILE**
Parallel walls implant, all bone types, most clinical indications

- **Straight threaded neck**
  - Optimize primary bone anchorage.
  - Retentive neck with bone compaction effect.

- **Cylindrical-conical shape**
  - Progressive compression.
  - Controlled and guided insertion.

- **Asymmetrical threads**
  - Self tapping.
  - Progressive anchorage.

- **Atraumatic apex**
  - Adapted to sinus lift.

**PX PROFILE**
Apically tapered implant, low density bone, immediate placement post extraction

- **Reversed conical neck**
  - Preservation of cortical bone.
  - Promotes alveolar bone remodeling.

- **Tapered design**
  - Bone condensation.
  - Enhanced initial stability in low-density bone.

- **Deep symmetrical double thread**
  - Guiding effect, fast bone penetration.
  - Self-drilling and self-tapping.

- **Fast penetration apex**
  - Optimal anchorage on the apical portion.
Simple and efficient surgical protocols

1 SINGLE COMPACT SURGICAL KIT

**REG** and **PX** profiles for both **BL - TL Axiom®** implants

- Simplicity
- Freedom and flexibility
  - Possibility to adapt the implant choice during surgery.
- User friendly
  - Common kit for Axiom® BL-TL REG-PX profiles.
- Efficient protocols
- High cutting-power drills

Cool to know!
To place a REG profile implant, follow the drills until the implant packaging color code!

CLEAR ORGANIZATION FOR YOUR DENTAL SURGERIES

- Intuitive color codes guide.
- Well organized.
- Clear set up.
**Simeda® CAD CAM prosthesis**

High precision and innovative customized solutions for Axiom® implants and MPS connections*

**CUSTOMIZED MULTIPLE-UNIT PROSTHESES**
- Cemented and screw-retained.
- Bridges, suprastructures, bars.
- Passive solutions.
- Easy to maintain.
- Angulated Access option.

**CUSTOMIZED SINGLE-UNIT PROSTHESES**
- Abutments and screw-retained teeth.
- Improved design of the crown for greater durability and better cosmetic support.

**PREMIUM MATERIALS FOR LONG TERM CONFIDENCE**
Simeda®, specialist in ceramics, also offers a wide range of materials:
- Sina Z®, Sina T®, Sina ML zirconias.
- Titanium and Cobalt-chromium.
- VITA SUPRINITY® P.C., VITA ENAMIC® and IPS e.max® CAD.

**ANGULATED ACCESS ON MULTI-UNIT AXIOM® AND MPS PLATFORMS**
- Angulations: 10°, 15°, 25°.
- Temporary angulated components to prepare soft tissues.

**WHAT MAKES AxIN® UNIQUE?**
- Biological safety
  - No glue, no sealing cement.
- Respect of the natural tooth anatomy
  - Channels not visible from the outside.
  - Angulation up to 25°.
  - Narrow diameter Ø 2.0 mm.
- Temporary angulated components to prepare soft tissues
- Easy handling
  - Removable titanium base.
  - Screw integrated in the restoration.
- Lower maintenance
  - Channels outside the fragile areas.
  - Lower risk of chipping.
- Peace of mind
  - Full CAD-CAM Simeda® prosthesis.

*Full list of compatible platforms available at www.anthogyr.com*
**inLink® Simeda®**

**Plural screw-retained prosthesis**

Outstanding benefits for expert in implantology and laboratories

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**EASY HANDLING AND TIME SAVING**

- **Innovative integrated lock system**
  - No screw removal or handling.
  - Fast screw placement.
  - Compact vertical design.

**FULL COMPATIBILITY BETWEEN AXIOM® BL AND AXIOM® TL**

- Direct on Axiom® TL
- With an inLink® abutment on Axiom® BL
  - 2 diameters and 2 gingival heights.
  - Delivered sterile for immediate placement.

**FLEXIBLE SURGICAL PLACEMENT**

- Adjustment of extreme implant differences without intermediate abutment.
- No abutment angulation and indexation handling.

**HIGH PERFORMANCE PROSTHESIS ANGULATED ACCESS**

- Free orientation between 0° and 25°.
- Small channels inside the prosthesis.
- Narrow emergence diameter.

**MECHANICAL RELIABILITY**

- Proven mechanical lock tightness.
- Easy maintenance.
- Wide 2.8 mm diameter lock: 25 N.cm torque.

**TEMPORARY ANGULATED COMPONENTS**

- To prepare soft tissues.
Choose your digital workflow

For Axiom® Multi Level®

From a conventional impression or an intra-oral scanner, whether you wish to produce the prosthesis in-house or benefit from Anthogyr’s industrial expertise with a Simeda® prosthesis, complete the digital workflow of your choice.

**DIGITAL WORKFLOW FROM CONVENTIONAL IMPRESSION**

- Conventional impression process with transfers and analogs.
- Laboratory Scan Adapters.
- Flexibase range for in-house milling or Simeda® prosthesis with Serenity® guarantee program.

**DIGITAL WORKFLOW FROM INTRA-ORAL SCANNER**

- Digital transfers for intra-oral scanners.
- Printed model analogs.
- Flexibase range for in-house milling or Simeda® prosthesis with Serenity® guarantee program.

**DIGITALALL® FOR LABORATORIES**

**ALL INCLUSIVE SERVICE FROM INTRA-ORAL SCANNER**

- A printed model pack of excellence
- A high precision Simeda® prosthesis
- Full CAD service for model and prosthesis
- Serenity® guarantee program

### PLURAL SCREW RETAINED OR CEMENTED RESTORATIONS

- Flexibase for plural direct on Axiom® TL
- Flexibase for Multi-Unit abutments on Axiom® BL and Axiom® TL.

### SINGLE UNIT SCREW RETAINED OR CEMENTED RESTORATIONS

- Flexibase for Axiom® range.
- Cerec compatible Ti-bases for Axiom® BL and Axiom® TL.

### DIGITAL WORKFLOW

**FROM CONVENTIONAL IMPRESSION**

- Conventional impression process with transfers and analogs.
- Laboratory Scan Adapters.
- Flexibase range for in-house milling or Simeda® prosthesis with Serenity® guarantee program.

**FROM INTRA-ORAL SCANNER**

- Digital transfers for intra-oral scanners.
- Printed model analogs.
- Flexibase range for in-house milling or Simeda® prosthesis with Serenity® guarantee program.

### Axiom® BL

- 2 diameters, 3 gingival heights
- Axiom® TL: 2 platforms.

### Axiom® TL

- 2 diameters, 3 gingival heights
- Axiom® TL: 2 platforms.
Prosthetic components
A wide choice of components for all types of prostheses

CEMENTED SINGLE AND PLURAL RESTORATIONS ON AXIOM® BL

Aesthetic abutments
• A choice of 3 angulations and 4 gingival heights to cover all indications
• Aesthetic shoulder design adapted for cement-retained prostheses
• Temporary components for immediate aesthetic answer and optimization of soft tissues

Standard abutments
• Supplied STERILE for an immediate placement
• Preservation of soft tissues by reducing intra-oral handling

SCREW-RETAINED MULTIPLE RESTORATIONS ON AXIOM® BL AND AXIOM® TL

Multi-Unit abutments
• 2 platforms
• Secondary components common to AXIOM® BL and AXIOM® TL
• 2 angulations and 5 gingival heights on AXIOM® BL
• Flexibility: narrow abutment with reduced coronal height
• Temporary components for immediate loading protocols

REMOVABLE OVERDENTURE ON AXIOM® BL

• A wide choice of solutions to address a growing concern
  • Locator® abutments
  • Ball abutments

Easy handling
Axiom® 2.8
The solution for restricted mesio-distal spaces in the incisor area

+ Conical connection
  • Tight seal morse tapered connection with 1.5° half angle.

+ A true narrow two-part implant
  • Optimal management of treatment plan and soft tissues
  • Preservation of 2.8 diameter even for prosthetic profile.

+ Straight threaded neck
  • Optimized anchorage.
  • Retentive neck with bone compaction effect.

+ Cylindrical-conical shape
  • Implant with controlled and guided insertion.
  • Atraumatic apex.

+ Progressive asymmetrical threading
  • Self-taping.
  • Gradual bone compaction is achieved during threading.

+ Impacted prosthesis
  • Controlled and calibrated impaction using the Safe Lock® instrument.

DEDI CATED SURGICAL KIT
+ Easy, practical and logic layout.

FULLY CONTROLLED SOLUTION
+ Fully controlled and reproducible impaction using the Safe Lock® calibrated instrument.

COMPREHENSIVE PROSTHETIC RANGE
+ 4 angulations: 0°, 7°, 15° and 23°.
+ One-stage or two-stage surgery.

+ Constant emergence profile from healing plug to final abutment
  • No undue tension on soft tissue.
Long term confidence with Axiom® Multi Level®

GRADE V TITANIUM
Biomechanical reliability

Axiom® Multi Level® implants and main prosthetic parts are made of Grade V Titanium. Its mechanical strength, higher than Grade IV and other Titanium alloys\(^1\), allows reduced diameter implants for less invasive treatments. Grade V Titanium is also recognized for its biocompatibility in oral and orthopaedic surgery. It is scientifically proven it has no cytotoxic or genotoxic effects.\(^2\)

The performance of Grade V Titanium osseointegration has been demonstrated.\(^3\)


BCP SURFACE TREATMENT
Powerful bone attachment

The BCP surface treatment* of Axiom® Multi Level® implants provides effective osseointegration and implant stability thanks to a rough texture and a compatibility preserved with no peri-implant contamination.

OPTIMAL BONE REMODELING AROUND AXIOM® IMPLANTS

Axiom® BL REG implants demonstrated outstanding bone stability and excellent aesthetic results in a prospective 3-year multicenter randomized controlled clinical trial.

Laboratories, practitioners, we provide full guarantees for Simeda® and Multi-Platform MPS prostheses and implant restorations.

- Lifetime guarantee for customized titanium and cobalt-chrome prosthetic parts.
- 5-year guarantee for zirconia prosthetic parts.

For more information, visit www.anthogyr.com

1 MPa

Yield strength Ultimate strength Fatigue strength

Grade V Minimal requirements ISO5832-1 standards

Grade IV Minimal requirements ISO5832-2 standards

Grade IV Mechanical tests (Liens Study - 2015)(1)

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Biphasic Calcium Phosphate media.