



INTEGRITY
DENTAL SERVICES



Infinity Warranty Guide

Integrity Dental Services, a National Dental Laboratory was founded in 2019 with the idea that like minds tend to work very well together. As a company, we believe that the restorations we provide to patients are of the utmost quality .All of our restorations are made in the United States, and nothing is ever outsourced from our company.

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Introduction to IDS & Warranty Coverage

Integrity Dental Services (IDS) is committed to providing high-quality full-arch prosthetic solutions to enhance patient outcomes while improving clinical efficiency. Our full-arch restorations are designed with precision, durability, and esthetic excellence, ensuring seamless integration into your practice workflow.

Our warranty program covers select full-arch prostheses under specific conditions to support long-term success.

IDS Full-Arch Solutions Include:

- Zirconia Aventus® Prosthesis – High-strength, esthetic full-arch zirconia restoration.
- PMMA Fortis® Prosthesis – Milled PMMA restorations with enhanced durability and esthetics.
- Tibrid™ Hybrid Solutions – Combining the best features of PMMA and zirconia.



Integrity Dental Services Warranty: Full-Arch Fixed Prosthesis

Imagine crafting full-arch prostheses that shine with success, from the first appointment to the final reveal. Integrity Dental Services (IDS) makes it a reality. Our talented team, cutting-edge instruments and technologies, and proven workflow create a seamless experience for you and your patients.

Discover the IDS difference:

- Fewer appointments and reduced chair time for increased practice efficiency and patient satisfaction.
- Expert design criteria by our dental technician designers for predictable, high-quality prostheses that minimize remakes.
- Exceptional skill and experience in full-arch reconstructions backed by our superior tools, materials and technologies.





The Zirconia Aventus Prosthesis®

The Zirconia Aventus® Prosthesis

MAXILLA



Cantilevers should not extend more than the mesio-distal length of one tooth distal to the most distal occlusal access hole in order to avoid overloading and fracturing of the prosthesis or implant components. Second molars are not recommended and will only be added per request and if the access hole is distal to the first molar.



A flat intaglio surface is recommended to favor tissue health and patient hygiene. Please advise if you prefer to have a different type of intaglio.



MANDIBLE

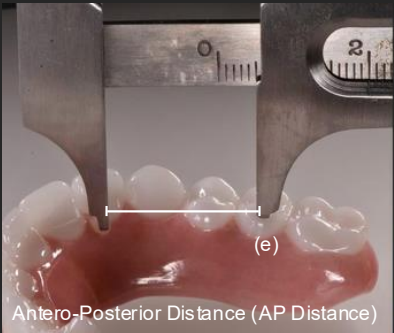
The palatal and lingual surfaces will be cut back in order to create room for gingival-colored porcelain or stain. A 3 mm radius of zirconia is required around the access hole. Porcelain will be added over this surface.

The Maxillary Zirconia Aventus® Prosthesis

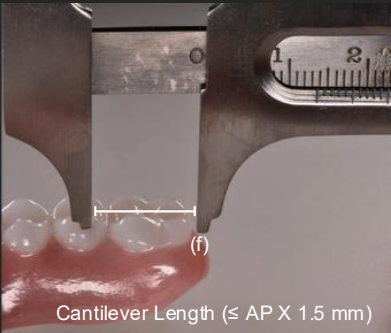
To ensure a proper adaptation to the soft tissues, the master impression or IO scan must obtained no sooner than **3 months** after surgical placement of implants.



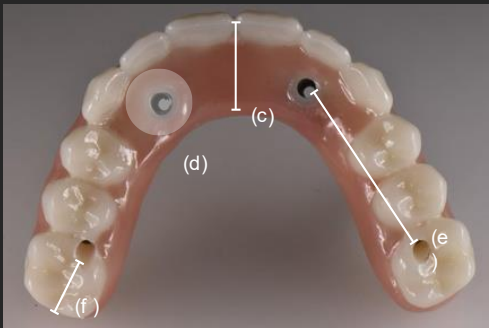
(a)	Minimal anterior height at central incisors	14mm
(b)	Minimal posterior height at second bicuspid	12mm
(c)	Minimal buccal-lingual dimensions	8mm
(d)	Minimal zirconia thickness surrounding access holes	3mm
(e)	Minimal distance between implants	5mm
(f)	Maximum one tooth cantilever length	≤ AP X 1.5 mm



Antero-Posterior Distance (AP Distance)



Cantilever Length (≤ AP X 1.5 mm)

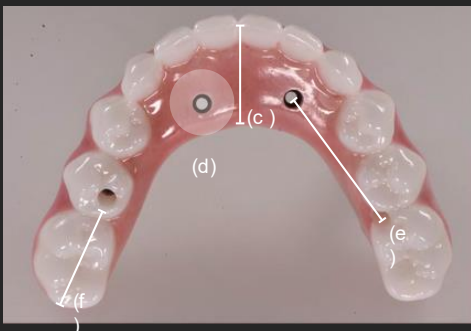


The Mandibular Zirconia Aventus® Prosthesis

To ensure a proper adaptation to the soft tissues, the master impression or IO scan must be obtained no sooner than **2 months** after surgical placement of implants.



(a)	Minimal anterior height at central incisors	14mm
(b)	Minimal posterior height at second bicusps	12mm
(c)	Minimal buccal-lingual dimensions	8mm
(d)	Minimal zirconia thickness surrounding access holes	3mm
(e)	Minimal distance between implants	5mm
(f)	Maximum one tooth cantilever length	≤ AP X 1.5 mm





The PMMA Fortis® Prosthesis

The PMMA Fortis® Prosthesis

MAXILLA



In order to avoid thinning of the palatal and lingual contours, cutbacks are not done and the area is left in the original shade of the PMMA. If gingival shading of the palatal and lingual area is desired, these contours will be thickened in order to maintain the strength of the prosthesis.



Intaglio surfaces are developed to facilitate oral hygiene procedures and maintain the architecture of the soft tissues.

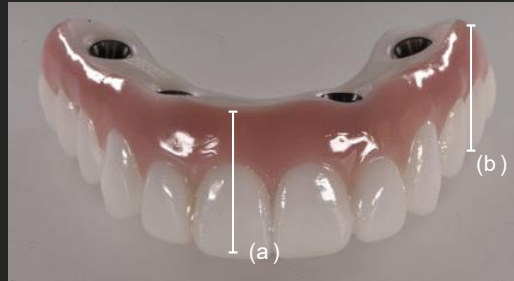


MANDIBLE

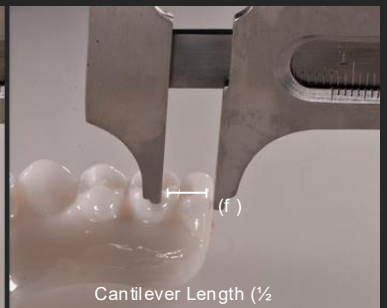
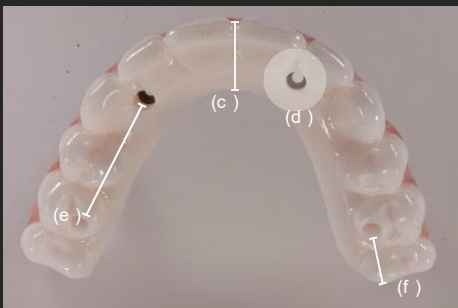
The tooth distal to the most distal access holes bilaterally are trimmed to reduce the length of the cantilever on both the maxillary and the mandibular prosthesis. Maintaining a fully contoured cantilevered tooth increases the risk of prosthesis fracture.

The Maxillary PMMA Fortis® Prosthesis

To ensure a proper adaptation to the soft tissues, the master impression or IO scan must be obtained no sooner than **3 months** after surgical placement of implants.



(a)	Minimal anterior height at central incisors	14mm
(b)	Minimal posterior height at second bicuspid	12mm
(c)	Minimal buccal-lingual dimensions	8mm
(d)	Minimal zirconia thickness surrounding access holes	3mm
(e)	Minimal distance between implants	5mm
(f)	Maximum one tooth cantilever length	≤ 5mm

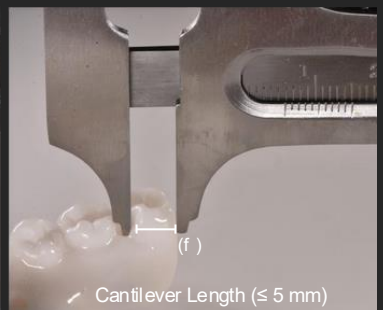
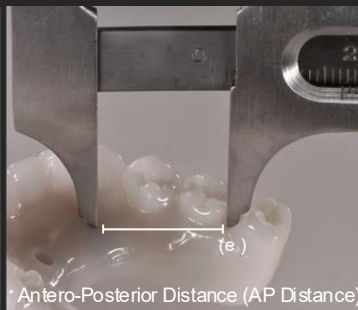
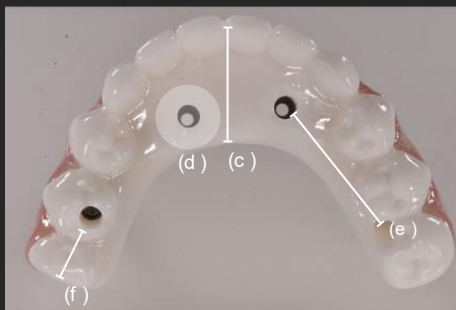


The Mandibular PMMA Fortis® Prosthesis

To ensure a proper adaptation to the soft tissues, the master impression or IO scan must be obtained no sooner than **2 months** after surgical placement of implants.



(a)	Minimal anterior height at central incisors	14mm
(b)	Minimal posterior height at second bicuspid	12mm
(c)	Minimal buccal-lingual dimensions	8mm
(d)	Minimal zirconia thickness surrounding access holes	3mm
(e)	Minimal distance between implants	5mm
(f)	Maximum one tooth cantilever length	$\leq AP \times 1.5mm$



Important Clinical Considerations

Proper treatment planning and execution are critical to ensuring the longevity and success of IDS full-arch restorations.

Master Impressions & Digital Scans:

- The final master impression or intraoral scan should be taken no sooner than 3 months post-surgical implant placement for maxillary cases and 2 months for mandibular cases.

Antero-Posterior (AP) Spread Guidelines:

- A balanced AP spread is necessary for stability.
- Maximum cantilever extension should not exceed 1.5 times the AP distance for zirconia and 5mm for PMMA.

Framework & Verification Jigs:

- IDS utilizes printed verification jigs to ensure proper fit before final processing.
- Use of a fiduciary marker-based workflow can enhance accuracy in digital scanning workflows.

Important Clinical Considerations: Zirconia Aventus® Prosthesis

The Zirconia Aventus® Prosthesis is engineered for maximum strength, longevity, and esthetics. It is custom-milled from monolithic zirconia and reinforced for durability, making it a preferred choice for long-term full-arch restorations.

Key Clinical Considerations for Zirconia Aventus®:

Occlusal Design & Support:

- Maintain proper occlusal access hole positioning to avoid stress fractures.
- Second molars are not recommended unless explicitly requested.

Cantilever Guidelines:

- The cantilever should not exceed the mesio-distal width of one tooth beyond the last implant.
- Excessive cantilever length increases the risk of fractures.

Implant Positioning & AP Spread:

- Anterior-Posterior (AP) distance should be maximized to prevent flexural forces.

Gingival Contouring & Esthetics:

- IDS offers layered gingival shading for lifelike appearance.
- Customized contouring may require additional adjustments for ideal tissue adaptation.

Important Clinical Considerations: PMMA Fortis® Prosthesis

The PMMA Fortis® Prosthesis is a milled polymethyl methacrylate (PMMA) prosthesis designed for provisional and long-term use in full-arch restorations. It offers high wear resistance while maintaining patient comfort.

Key Clinical Considerations for PMMA Fortis®:

Gingival Adaptation:

- Proper adaptation ensures soft tissue support and hygiene access.
- IDS provides custom tissue shading options for a natural look.

Occlusion & Functionality:

- Proper occlusal adjustments prevent excessive wear and fractures.
- Maintain minimal cantilever extension for stability.

Temporary to Final Restoration Workflow:

- The PMMA prosthesis serves as a prototype before transitioning to a zirconia restoration.

Maintenance Recommendations

Routine maintenance and hygiene protocols must be followed to ensure longevity of IDS prostheses.

In-Office Maintenance:

- Annual check-ups for occlusion, retention, and framework integrity.
- Professional cleaning using non-abrasive tools to prevent surface degradation.

Patient At-Home Care:

- IDS recommends using a soft-bristle toothbrush, water flosser, and antimicrobial rinses.
- Avoid excessive hard foods, grinding, or heavy parafunctional habits that may accelerate wear.

Terms & Conditions

The Integrity Dental Services Full-Arch Warranty provides limited coverage for defects in materials and craftsmanship under normal use.

Covered under Warranty:

1. Manufacturing defects that result in failure of the prosthesis under normal conditions.
2. Chipping, fractures, or delamination within warranty-covered periods.

Not Covered Under Warranty:

1. Damage caused by misuse, parafunctional habits, or trauma.
2. Modifications made by unauthorized providers or third-party labs.
3. Lack of proper hygiene and maintenance leading to failure.

Warranty Claim Process:

1. Submit documentation, photos, and case details through the IDS case portal:
2. Submit a Case

At Integrity Dental Services, we are committed to providing **best-in-class full-arch restorations** to support both **dentists and patients** in achieving **long-term success**.

For questions or **warranty inquiries**, please contact us at:

info@integritydentalservice.com
(800) 123-4567



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Preferred Dental Laboratory Partner