



OTTAWA DENTAL
LABORATORY



Fixed Restorations

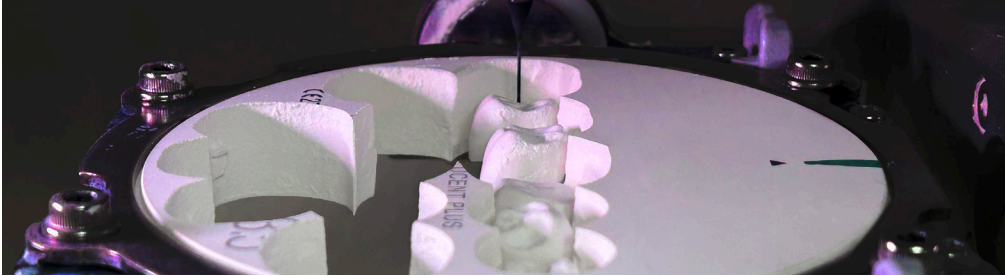
Crown, Bridge, Implant, and Custom Shades

Engineered Crown and Bridge Restorations

Each restoration is digitally designed for accuracy, milled in house, and refined by our technicians to ensure dependable fit, strength, and lifelike esthetics.

Product		Strength (MPa)	Esthetics
<i>Zirconia</i>			
	OZ	1200 MPa	Moderate
	OZT	800 MPa	High Translucency
	OZ <i>Signature</i>	1200 MPa	Customizable
	OEZ	1200 MPa	Customizable
<i>All Ceramic</i>			
	IPS e.max	470 MPa	Customizable/ Moderate
	IPS Empress	160 MPa	Customizable

Product		Durability	Availability
<i>Metals</i>			
	Porcelain Fused to Metal	Strength & Esthetics	Wide Variety of Alloys
	Full Cast Crown	High Strength	Wide Variety of Alloys



Prep	Retention	Recommended Indications
0.7 mm	Cement	Molars, 2nd Bicuspid
1.0 mm	Cement	Molars, Bicuspid, Anterior
1.0 mm	Cement	Anterior Crowns & Bridges
1.5 mm	Cement	Anterior Crowns & Bridges
1.2 mm	Bond/Cement	Anterior Crowns, Inlays, Onlays
1.5 mm	Bond	Anterior Crowns, Onlays

Prep	Retention	Recommended Indications
1.5 mm	Bond/Cement	All Teeth
0.5mm	Bond/Cement	Single-Unit Crown or Multi-Unit Crown

Our Crown and Bridge Workflows

- 01. Case Submission - Send a Scan or Impression
- 02. Model & Case Evaluation - Building the Foundation
- 03. Digital Design - Designed to Mimic Surrounding Dentitions
- 04. Precision Milling & Hand Finishing - Crafted in Our Lab
- 05. Esthetics & Final Quality Check - Ready for Delivery

Built Around the Way You Work

Success with crown and bridge restorations comes down to preparation, communication, and consistent lab processes. Our workflow is designed to move your case smoothly from submission to final delivery.



Custom Shades Matching

Shade Matching That Happens Face-to-Face

Some restorations benefit from seeing the patient in person. Our technicians capture shade, texture, and characterization in our lab so the final restoration blends naturally.

Advantages of ODL Shade Matching



SHADE
SELECTION
BY
EXPERIENCED
TECHNICIANS



MODERN
SHADE GUIDES
& TECHNOLOGY



AVAILABLE
FIVE DAYS A
WEEK
AT EVERY ODL
LOCATION



IN-LAB
APPOINTMENTS
FOR THE BEST
RESULTS

Implant Restorations

The difference between screw retained + cement-retained:

Screw-Retained	Cement-Retained
Pros: Precise fit, easy retrieval for maintenance or repair, avoids risks associated with cement.	Pros: Flexible implant angulation and superior esthetics (no access hole)
Cons: Requires precise access hole placement.	Cons: Cement removal following delivery. Difficult to retrieve.

Fits Right the First Time

Each restoration is digitally designed for accuracy, milled in house, and refined by our technicians to ensure dependable fit, strength, and lifelike esthetics.



Screw Retained Restorations Benefits

- ✓ Retrievability
- ✓ No Cement Risk
- ✓ Works Well in Limited Space



Custom Abutment Restorations Benefits

- ✓ Corrects Implant Angulation
- ✓ Better Emergence Profile
- ✓ Improved Esthetics

Our screw-retained and custom abutment restorations are available in **OZ, OZT, OZ *Signature*, OEZ, IPS e.max®, and PFM materials.**

Restoration Without Guesswork: The ODL Edge

ODL is a technical extension of your practice. We provide the visual data and expert insight needed to ensure every implant case is predictable, precise, and professional.

- ✓ **Implant Identification:** Inherited a mystery implant? Send us a clear x-ray of the implant; we'll identify the platform and replicate the components for a seamless replacement.
- ✓ **Case Consultations:** See it before we mill it. If desired, we are able to provide videos, images, and design recommendations to ensure the restoration meets your expectations.
- ✓ **Tool Loans:** If you need a torque wrench or implant driver, ODL has you covered with our Tool Loans as needed.

Implant Workflows

- **01. Case Review - Scans, X-Rays & Case Planning**
- **02. Abutment & Crown Fabrication - Building the Restoration**
- **03. Assembly & Esthetic Finishing -
Bringing the Case Together**
- **04. Final QC & Delivery - Ready for Placement**

Understanding the Implant Workflow

Implant cases involve multiple steps—from case evaluation and component selection to restoration design and final delivery. Our workflow guide outlines how our team works alongside your practice.

Scan to view the complete workflow.



Implant Torque & Driver Settings

MANUFACTURER	IMPLANT	COLOR	TORQUE VALUE	IMPLANT DRIVER
Astra Tech				
	PrimeTaper EV 3.0	Green (XS)	25	0.050" Hex Screwdriver
	PrimeTaper EV 3.6	Purple (S)		
	PrimeTaper EV 4.2	Yellow (M)		
	PrimeTaper EV 4.8	Blue (L)		
	PrimeTaper EV 5.4	Blue (L)		
	OmniTaper EV 3.0	Green (XS)		
	OmniTaper EV 3.4	Purple (S)		
	OmniTaper EV 3.8	Yellow (M)		
	OmniTaper EV 4.5	Blue (L)		
	OmniTaper EV 5.5	Brown (XL)		
	Astra Tech Implant EV 3.0	Green (XS)		
	Astra Tech Implant EV 3.6	Purple (S)		
	Astra Tech Implant EV 4.2	Yellow (M)		
	Astra Tech Implant EV 4.8	Blue (L)		
	Astra Tech Implant EV 5.4	Brown (XL)		
	Astra Tech Implant EV Profile 4.2	Yellow	25	0.050" Hex Screwdriver
	Astra Tech Implant EV Profile 4.8	Blue	25	0.050" Hex Screwdriver
	OsseoSpeed TX 3.0	Yellow	15	0.050" Hex Screwdriver
	OsseoSpeed TX 3.5, 4.0	Aqua	20	0.050" Hex Screwdriver
	OsseoSpeed TX 4.5, 5.0	Lilac	25	0.050" Hex Screwdriver
	OsseoSpeed TX 4.0	Blue	25	0.050" Hex Screwdriver
Xive/Frialit				
	Xive S 3.0		24	1.22mm Hex Screwdriver
	Xive S 3.4, 3.8, 4.5, 5.5		24	1.22mm Hex Screwdriver
	Frialit 3.4, 3.8, 4.5, 5.5		24	1.22mm Hex Screwdriver
Ankylos				
	Ankylos C/X - C/3.5, 4.5, 5.5, 7.0 (non-indexed & indexed)		15	0.050" Hex Screwdriver
BioHorizons				
	Conical Narrow		20	
	Conical Regular		20	
	Internal 3.0, 3.5, 4.5, 5.7		30	0.050" (1.25mm) Hex Screwdriver
	External Implant 3.5		30	0.050" (1.25mm) Hex Screwdriver
	External Implant 4.0, 5.0		30	0.050" (1.25mm) Hex Screwdriver
BioMet 3i				
	Certain 3.6, 4.1, 5.0, 6.0		20	
Camlog Conetog				
	CONELOG 3.3, 3.8, 4.3, 5.0		20	1.28mm Hex Screwdriver
Neodent				
	GM		20	
	NGM		20	
Nobel Biocare				
	NobelActive 3.0		15	
	NobelActive NP, RP, WP		35	
	NobelReplace NP, RP, WP (Tri-Channel Connection)		35	
	NobelReplace 6.0 (Tri-Channel Connection)		35	
	Brånemark System NP, RP, WP		35	
Straumann				
	Bone Level SC, NC, RC, RB, WB		35	SCS Screwdriver
	Tissue Level NN, RN, WN, NT, RT, WT			
Thommen				
	SPI 3.5		15	
	SPI 4.0, 4.5, 5.0, 6.0		25	
Zimmer				
	TSV 3.5, 4.5, 5.7		30	0.050" Hex Screwdriver
	Ezetic		30	0.050" Hex Screwdriver



OTTAWA DENTAL

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