



MATERIAL SELECTION GUIDE

PROVISIONALS

- Provisionals are available in the following materials: PMMA, Bisacryl, or LuxaCrown.
- Specific material will be determined by laboratory on a case-by-case basis, unless specifically prescribed
- 2 unit pontic maximum, unless reinforced by metal wire or cast framework in which additional fees will apply

FINAL RESTORATIONS

MATERIAL	STRENGTH	INDICATIONS	ESTHETIC EXPECTATION
Monolithic Opacified Zirconia	High Strength 800 - 1200 Mpa - 3Y-TZP	1. Posterior units only 2. Crowns & Bridges (up to 4 units)	LOW: opacified, whiter & brighter
Monolithic Translucent Zirconia	Medium Strength 500 - 800 Mpa - 5Y - ZP	1. Anterior & Posterior units 2. Crowns & Bridges (up to 3 units)	MEDIUM to HIGH: reflects light similar to metal
Pressed Lithium Disilicate (LD) Monolithic or Layered)	Medium Strength 500 Mpa	1. Anterior & Posterior units 2. Crowns, veneers, onlays, inlays, veneer-lays	HIGH
PFz - Porcelain fused-to-zirconia (Layered)	Substructure - High Strength - 800 - 1200 Mpa - 3Y-TZP Layering ceramic - 80 Mpa	1. Anterior & Posterior units 2. Crowns & Bridges 3. Maryland Bridges	HIGH
PFM - Porcelain fused-to-metal (Layered)	Substructure - High Strength Layering ceramic - 80 Mpa	1. Anterior & Posterior units 2. Crowns & Bridges 3. Maryland Bridges 4. Full Arch Implant supported Bridges	HIGH
Gold	High Strength	1. Posterior Crowns & Bridges 2. Inlays & Onlays	LOW

ALLOY (PFM & GOLD)

PFM	GOLD
High Noble - 51% Au Noble - 25% Pd	High Noble - 74% Au High Noble - 51% Au - silver color High Noble - 40% Au - mini gold

IMPLANT ABUTMENTS - STOCK: Abutment choice influences gingival color and final restorative crown material

MATERIAL	STRENGTH	INDICATIONS
Titanium	High Strength	Posterior Units
Full Zirconia (no metal base)	Questionable - High fracture risk at implant interface	Anterior Units

IMPLANT ABUTMENTS - CUSTOM: Abutment choice influences gingival color and final restorative crown material

MATERIAL	STRENGTH	INDICATIONS	ESTHETIC EXPECTATION
Custom UCLA - Metal	High Strength	Anterior & Posterior units	LOW Metal may negatively influence gingival color
Custom UCLA - with ceramic	High Strength	Anterior & Posterior units	HIGH
Custom CAD-CAM Titanium - metal	High Strength	Anterior & Posterior units	LOW Metal may negatively influence gingival color
Custom CAD-CAM Titanium - opaques	High Strength	Anterior & Posterior units	HIGH
Custom CAD-CAM Zirconia - zirconia connection	Low Strength - High risk	Anterior units	HIGH
Custom CAD-CAM Zirconia - ti-base	High Strength	Anterior & Posterior units	HIGH
Custom e.max with ti-base	Medium Strength	Anterior & Posterior units	HIGH
Custom Angulated Screw Channels*	Medium to High Strength	Anterior & Posterior units	HIGH

*e.max or zirconia | *Limited manufacturers, limited angulations, very case specific



ESTHETICS BY DESIGN

PHONE: 949-899-9010 | WEB: EBDLAB.COM
17475 Gillette Ave., Suite 120, Irvine, CA 92614