






# CROWNS & BRIDGES - WHICH MATERIAL IS BEST?

					
<b>BENEFITS AND FEATURES</b>	PFM	FULL CAST	ZIRCONIA SOLID	ZIRCONIA LAYERED	IPS E.MAX
STRENGTH	strong	superior	1200 MPa strength superior	strong	400 MPa strength
DURABILITY	durable	most durable	highly durable	durable	durable
LONGEVITY	up to 30 years*	lifelong*	30 years*	20-30 years*	20 years*
MARGINAL FIT	good fit	better fit	precise fit	precise fit	exceptional fit
TISSUE RESPONSE	healthy, good	excellent, especially gold	healthy response	healthy response	healthy response
FREE FROM METAL	✗	✗	✓	✓	✓
TRANSLUCENCE	good	none	opaque	life-like	very natural
VERSATILITY	anywhere in mouth, all bridges	anywhere except smile	anywhere in mouth	anywhere in mouth	anywhere in mouth as crown or veneer
INTEGRITY LEVEL	good	high	high	good	high
SHADE MATCHING	good	n/a	good opaque	very good	exceptional
PLAQUE RESISTANCE	high	high	high	high	high
BIOCOMPATIBILITY	good	good	exceptional	exceptional	exceptional
OPALESCE	can be good	n/a	n/a	can be good	can be good
ESTHETIC LEVEL	good	not esthetic	not esthetic	very high	excellent
EXTRAS	Non-precious is most affordable	Full-cast gold most durable	cost effective alternative to full-cast crown	Alternative to zirconia or e.max for long span bridges	cosmetic

\*Depending on patient oral hygiene