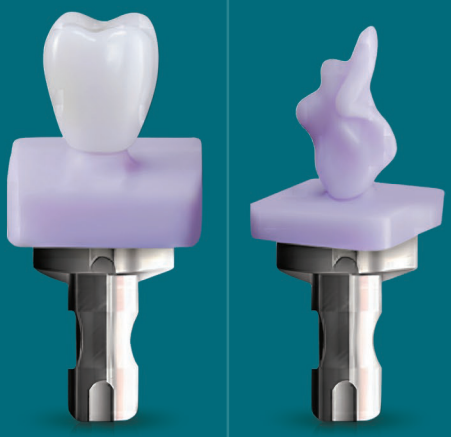
SeaDental®
Your smile is supported

Glass Ceramic XTCERA

XTCERA



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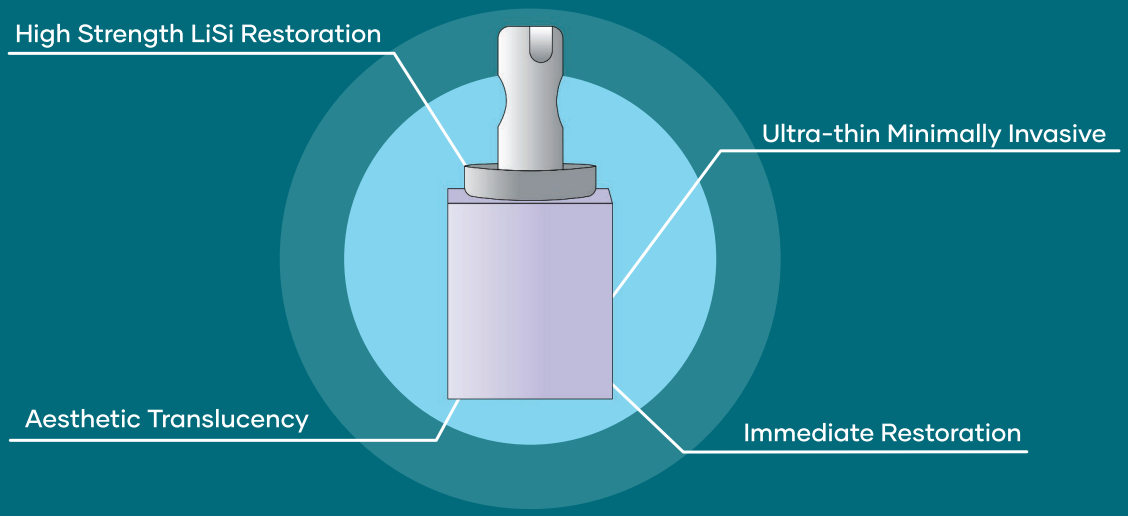
Indications:

Veneer | Inlay | Onlay | Partial crowns | Anterior crown | Posterior crown



Properties

Tansmittance	HT, LT
Radioactivity	Active concentration of uranium-238 <,≤1.0Bq/g;
Density after partial crystallization	2.3-2.6g/cm^3
Density after complete crystallization	2.4-2.7g/cm^3
Biaxial flexural strength	≥400MPa
Fracture toughness	≥1MPa.m$^{1/2}$
Expansion coefficient	10-11X10^{-6}K^{-1}
Vickers hardness	≥550HV2
Chemical solubility	≤100μg/cm^2

Shade: Available in all 16 VITA® classical shades and 4 bleach shades.

Crystallization program

Initial temp (°C)	Dry time (Min)	Heating rate (°C/Min)	Keep the temp(°C)	Residence time (S)	Starting vacuum (°C)	End vacuum (°C)	Heating rate (°C/Min)	Residence time (°C)	Keep the temp (Min)	Starting vacuum (°C)	End vacuum (°C)	End temp (°C)
450	6	60-90	810	10	550	810	30	830-850	5-10	810	830-850	550