The structure makes the difference.

Celtra® is the new generation of high strength glass ceramics, zirconia reinforced lithium silicate – ZLS.

The unique microstructure of ZLS allows outstanding physical properties, exquisite beauty, strength and speed. Celtra® delivers an optimized balance of translucency and natural opalescence resulting in a game-changing chameleon effect (in-vivo blending) that makes the restoration indistinguishable from the natural tooth. The reduced crystal size with invisibly dissolved zirconium oxide serves to increase flexural strength and margin quality providing confidence in survivability.

Celtra® is the new premium, high-performance material for most discerning dentists and patients.

**INDICATIONS**
- Occlusal veneers
- Thin veneers
- Veneers
- Inlays
- Onlays
- Crowns in the anterior and posterior region
- 3-unit bridges* in the anterior region up to the second premolar as the terminal abutment
- Crown or 3-unit bridge up to the second premolar placed on top of an implant abutment

* only available for Celtra® Press

**CEMENTATION**
- Self-adhesive
- Fully adhesive
- Glass-ionomer

- **Inlays**
  - HR

- **Onlays**
  - HR

- **Crowns**
  - HR

- **Veneers**
  - HR

- **Bridges**
  - HR

R = recommended
HR = highly recommended

MICROSTRUCTURE ZLS

- Glass with completely dissolved zirconia
- Lithium disilicate crystallites

MICROSTRUCTURE LS

- Glass with completely dissolved zirconia
- Lithium disilicate crystallites

**With compliments.**
Your partner to offer the best esthetic restoration option available.

**Information for the dental practice**

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York PA 17401
Tel. 1-800-243-1942

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www.celtra-dentsplysirona.com

**Developed to make a difference**
**Celtra**

Game-changing benefits for you and your patients

- **Fascinating esthetics unmatched:**
  - Amazing chameleon effect provides in-vivo blending
  - Natural-like opalescence reduces graying effect in the patient’s mouth
  - Excellent VITA shade matching
  - Improved patient satisfaction

- **Strength to rely on:**
  - Increased flexural strength adds confidence in survivability
  - High margin integrity – lower risk of fractures in case of making adjustments in the patient’s mouth
  - Extensive in-vitro (chewing simulation) testing during development
  - Ongoing, active clinical trials

- **Excellent performance:**
  - Radiopacity shows sealed margins on x-ray giving patient confidence
  - Multiple workflow choices based on desired indication
  - Easy to adjust/polish chairside
  - Flexibility in cementation options

**Baseline situation**

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</table>

**Final restoration with Celtra**

- Indistinguishable esthetics with adjacent teeth

**Customer Voice**

- **Dr. Izchak Barzilay DDS, Cert. Prostho., MS, FRCD(C)**
  - Toronto | ON | Canada
  - Burlington | ON | Canada

- **Chess Moore, CDT**
  - Aesthetic Reconstruction
  - Hattiesburg | MS | USA

- **Alexander Fischer, Dentist**
  - Berlin | Germany

- **Carlos Montaner**
  - Montaner Dental Studio
  - Apex | NC | USA

**Initial situation**

- Final restoration with Celtra – indistinguishable from the natural teeth

**Radiopacity**

- Depending on the type of crystallites, we get mean lengths of natural tooth enamel and artificial tooth enamel.

**Restoration with Celtra**

- With its exclusive microstructure, Celtra Press delivers confidence with flexural strengths greater than 500 MPa. Combining this strength, with a unique chameleon effect, Celtra Press truly creates restorations in harmony with natural dentition.

**Baseline situation**

- With accurate shades and very little reaction layer, Celtra Press has been a smooth integration into our workflow. The natural opalescence and chameleon effect produces an excellent end result.

**Opalescence**

- Depending on the type of crystallites, we get mean lengths of around 100 nm and 1,400 mm for lithium phosphate and lithium disilicate, respectively. This approximates the wavelength range of natural daylight and is responsible for the opalescence. Celtra thus behaves like natural tooth enamel in terms of light dispersion.