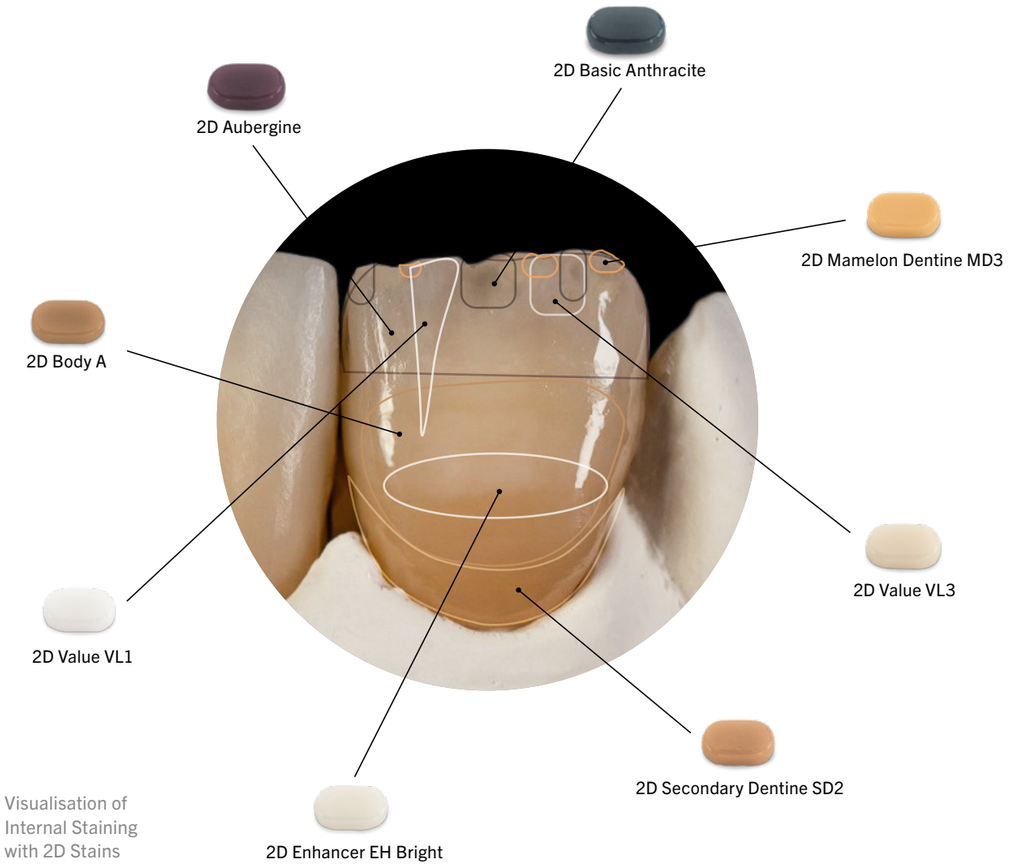
3D matrix concept
aesthetic finishing of central incisor in 3 firings



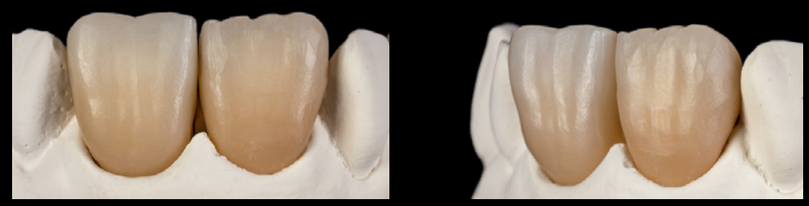
Visualisation of Internal Staining with 2D Stains

Workflow:

Internal Staining with 2D Stains

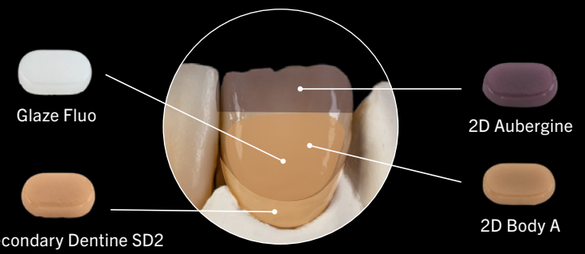
Individualisation with 3D Masses

Finishing with 2D Stains

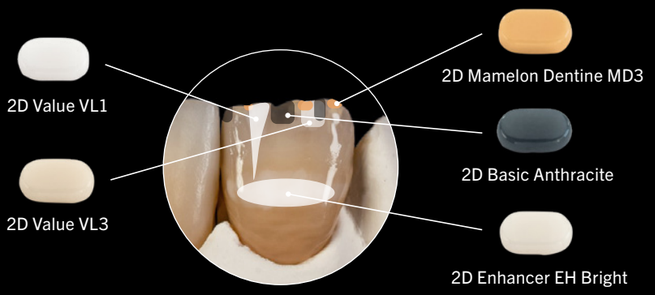


video tutorial

1. Initial situation:
Tooth 11: Minimal reduced zirconium dioxide multi-layer framework in A3 – ready for individualization.
Tooth 21: Full anatomic zirconium dioxide multi-layer framework for comparison.

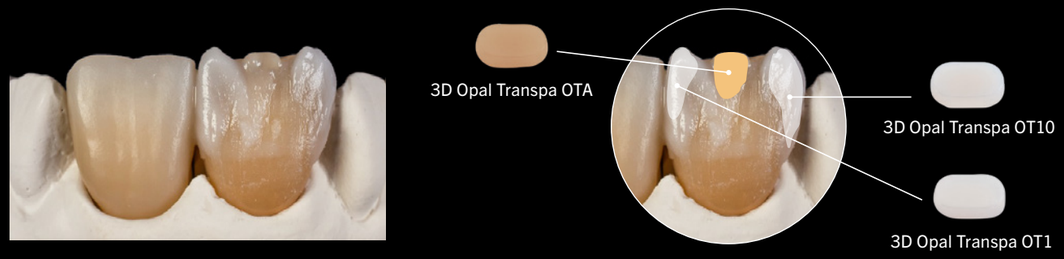


2. Apply a thin layer of HeraCeram cre-active **Glaze Fluo** over the entire surface to achieve fluorescence effect. Enhance the chroma of the cervical area with HeraCeram cre-active **2D Secondary Dentine SD2**. Adjust the dentin colour in the body area with HeraCeram cre-active **2D Body A** according to the Vita* Classic Shade Guide. Create translucency effect in incisal area with HeraCeram cre-active **2D Aubergine**.

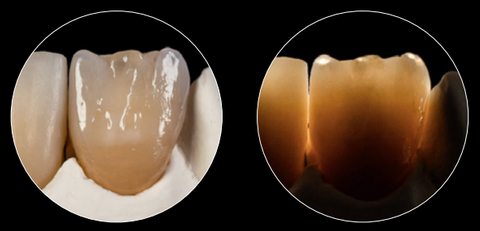


3. Create mamelons by gaining contrast in incisal area with HeraCeram cre-active **2D Value VL1**, HeraCeram cre-active **2D Value VL3** and HeraCeram cre-active **2D Mamelon Dentine MD3**. Enhance the contrast in the incisal area with HeraCeram cre-active **2D Basic Anthracite** and create a transversal band with HeraCeram cre-active **2D Enhancer EH Bright**.

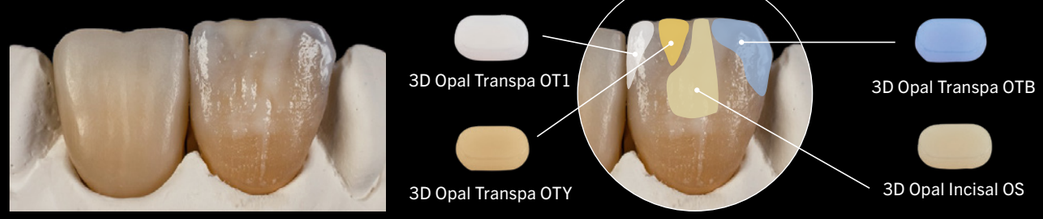
4. Result after HeraCeram cre-active 2D firing – ready for individualisation with 3D masses.



5. Build up the mesial edge with the most transparent opal mass **3D Opal Transpa OT1**. Follow on with **3D Opal Transpa OT10** – a whitish opal mass – to increase opalescence effect on the distal edge. Build a colorful accent in the incisal area with HeraCeram cre-active **3D Opal Transpa OTA**.

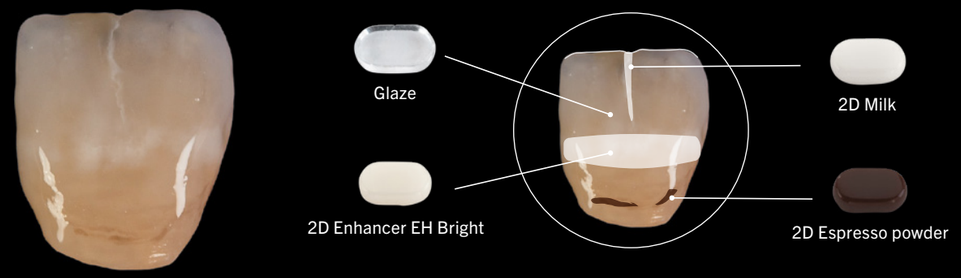


For tutorial reasons: Opal masses create stunning opalescence effects.
3D firing here – not necessary in daily laboratory work.



6. Individualise the incisal area with HeraCeram cre-active **3D Opal Transpa OT1**, **OTY** and **OTB**. HeraCeram cre-active **3D Opal Incisal OS** is applied to the incisal area to complete the shape. A natural surface texture is then created using fine instruments and targeted brush movements.

7. Result after HeraCeram cre-active 3D firing



8. Thinly cover the surface with HeraCeram cre-active **Glaze paste**. To enhance the transversal band with HeraCeram cre-active **2D Enhancer EH Bright**. HeraCeram cre-active **2D Espresso** is the only powder-based component in the cre-active range. Mixed with Liquid CAL, it achieves a ready-to-use consistency. The liquid amount influences both handling and color intensity. Palatial and labial fissures are detailed with a fine brush to enhance anatomy and ensure a natural look. With HeraCeram cre-active **2D Milk** add a natural looking enamel crack and highlight the incisal edge to create a halo effect.

9. Tooth 11: Final result after 2D firing in transmitted light.
Tooth 21: Full anatomic zirconium dioxide multi-layer framework for comparison.

10. Final individualised restoration based on the matrix concept. Created by Dental Technician **Thomas Backscheider**.