Frontier Dental Laboratories

Smile Design Principles





Participating in the creation of amazing smiles has been a passion of mine for 30 years. During that time, I have been fortunate to learn from some of the best Clinicians and Technicians in the World.

While there are many aspects of a Smile, I have learned that these 9 Smile Design Principles are the pillars of a beautiful, natural Smile.

I am proud to share these principles with you to create a work of art that can change the lives of patients which embraces our **Mission Statement:**

We believe in our ability to Change lives and impact society by crafting Custom, Precise and Artfully made Dental Restorations of the highest quality level in an Ethical, Professional, Responsible and Caring Manner.



Brent West

President/CEO
Frontier Dental Lab Group

Final Restorations



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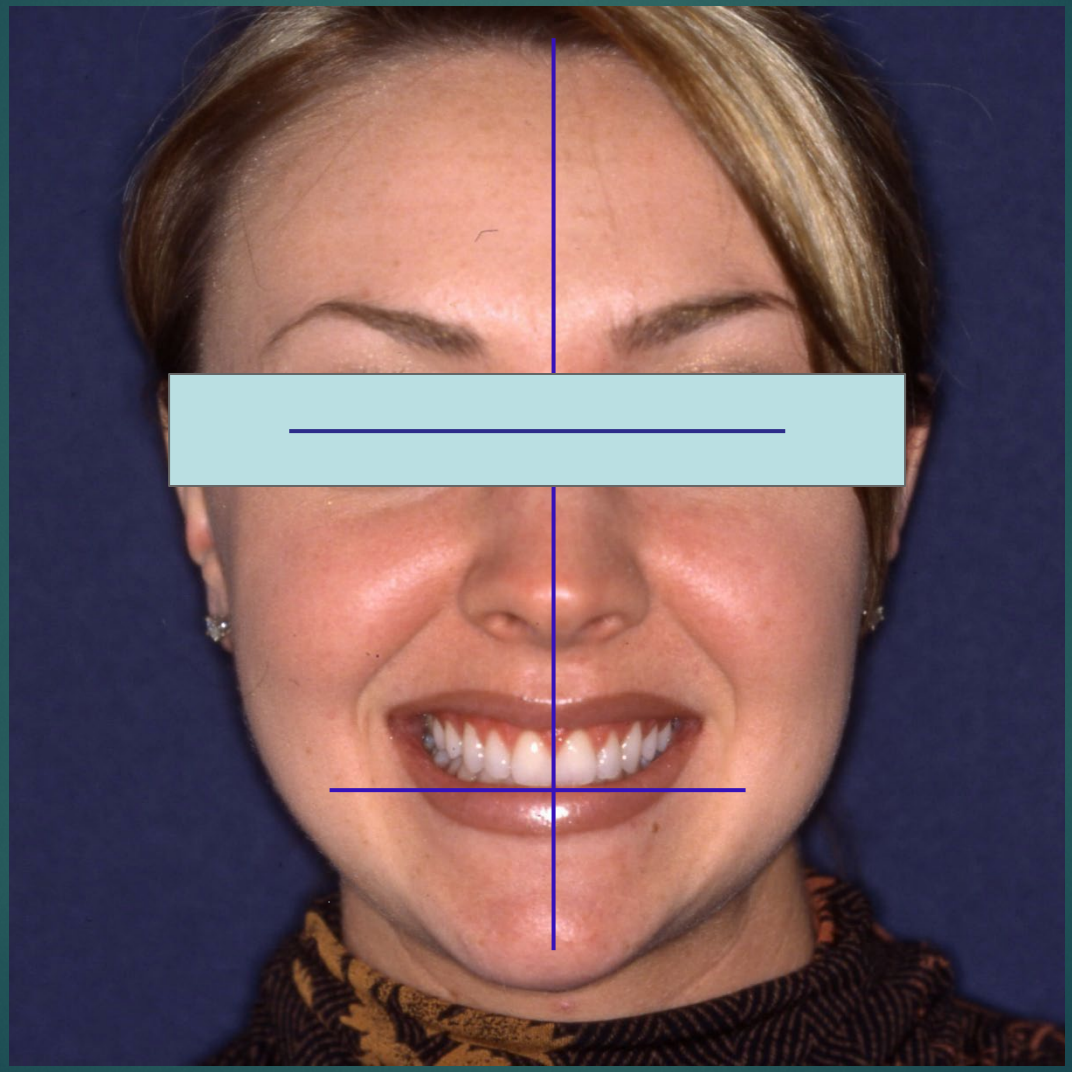
Final Analysis

Horizontal

Inclinations
Tissue Architecture
Golden Proportions
Incisal Embrasures
Smile Line
Buccal Corridor
Gradation
Symmetry

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Final Restorations



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Horizontal



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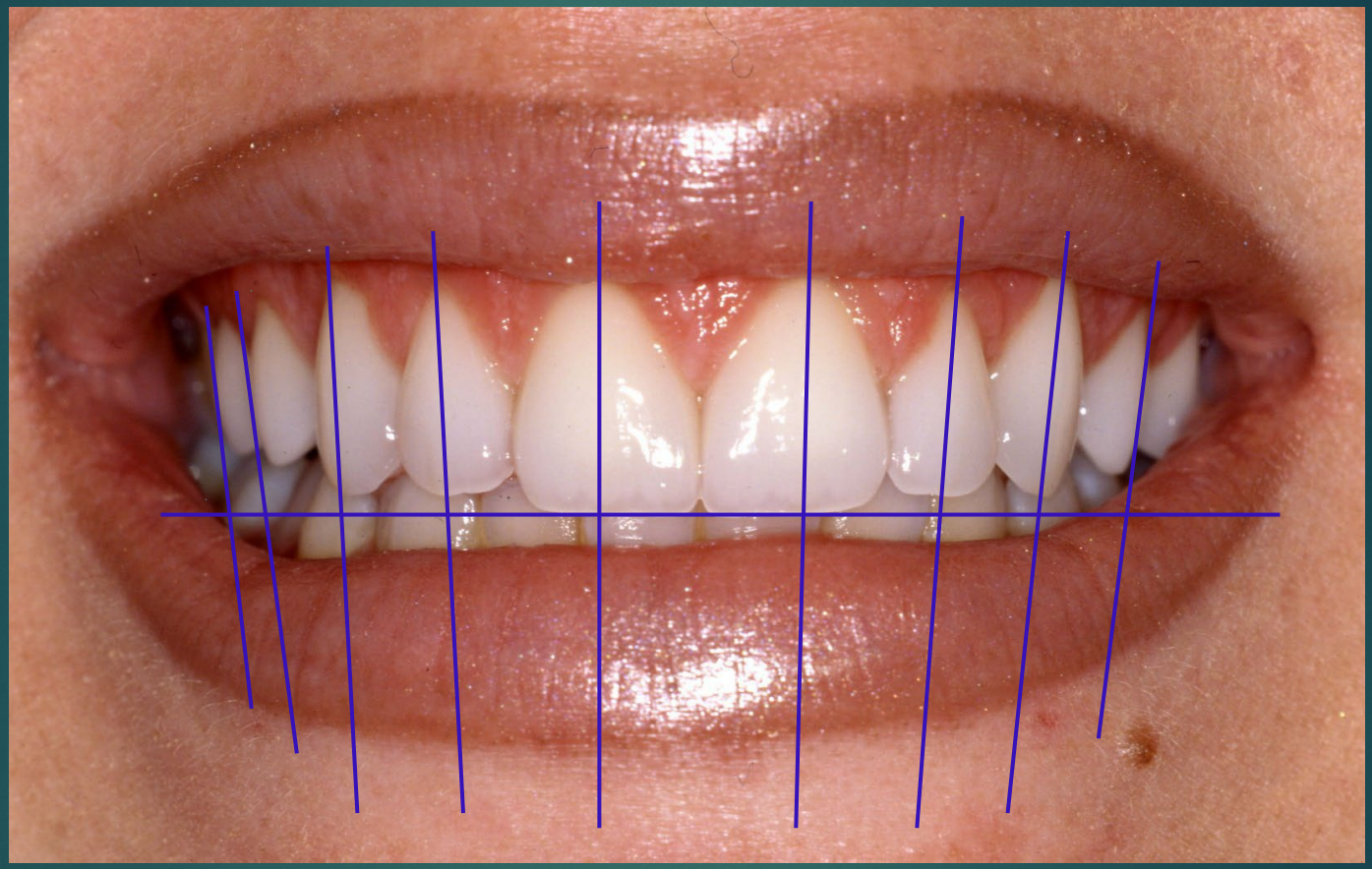
Final Analysis

- Horizontal
- **Inclinations**
- Tissue Architecture
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Inclinations

Increased Inclinations further from Midline.



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Final Restorations



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Final Restorations



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Final Analysis

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Tissue Architecture



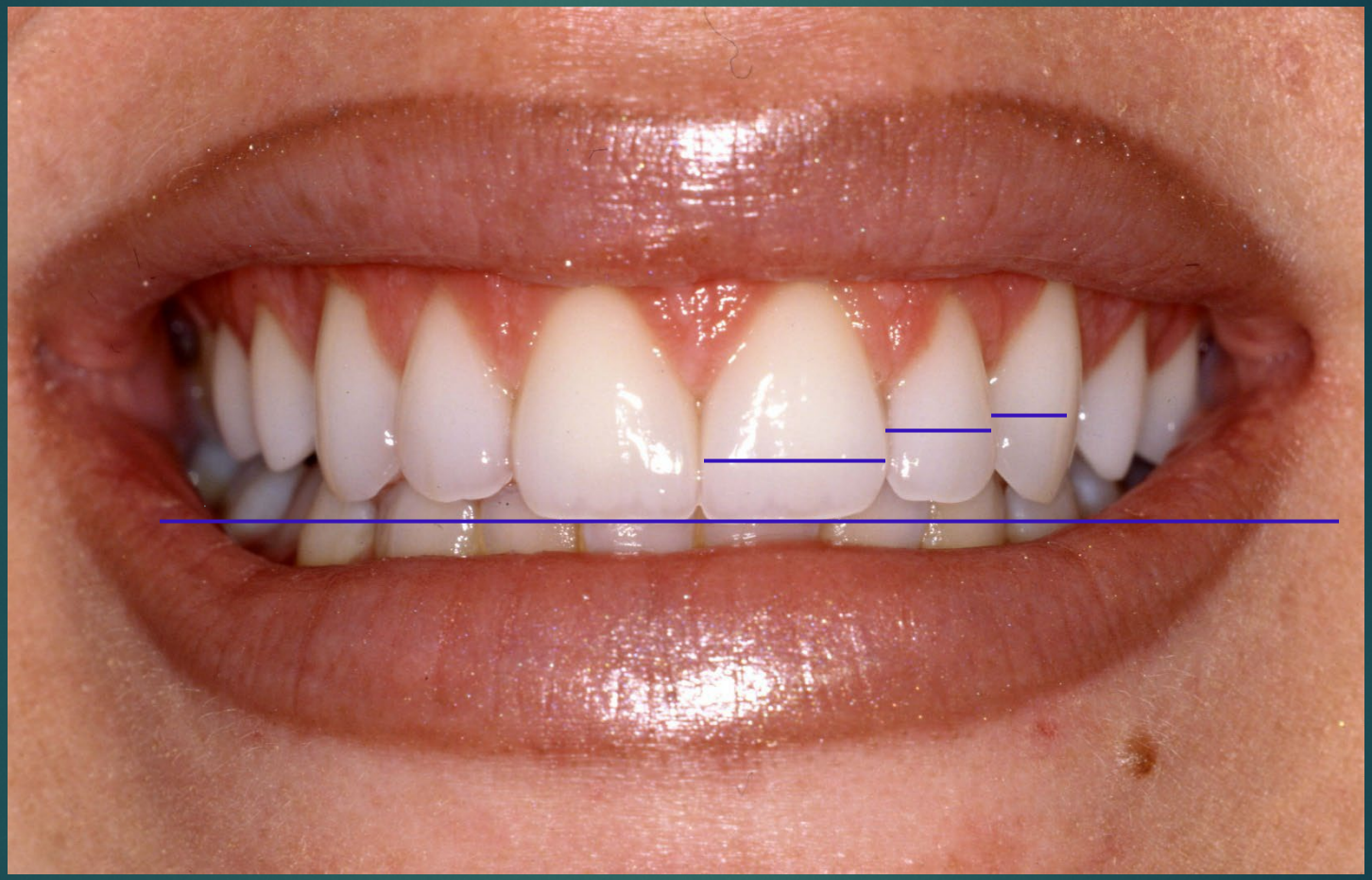
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Golden Proportions

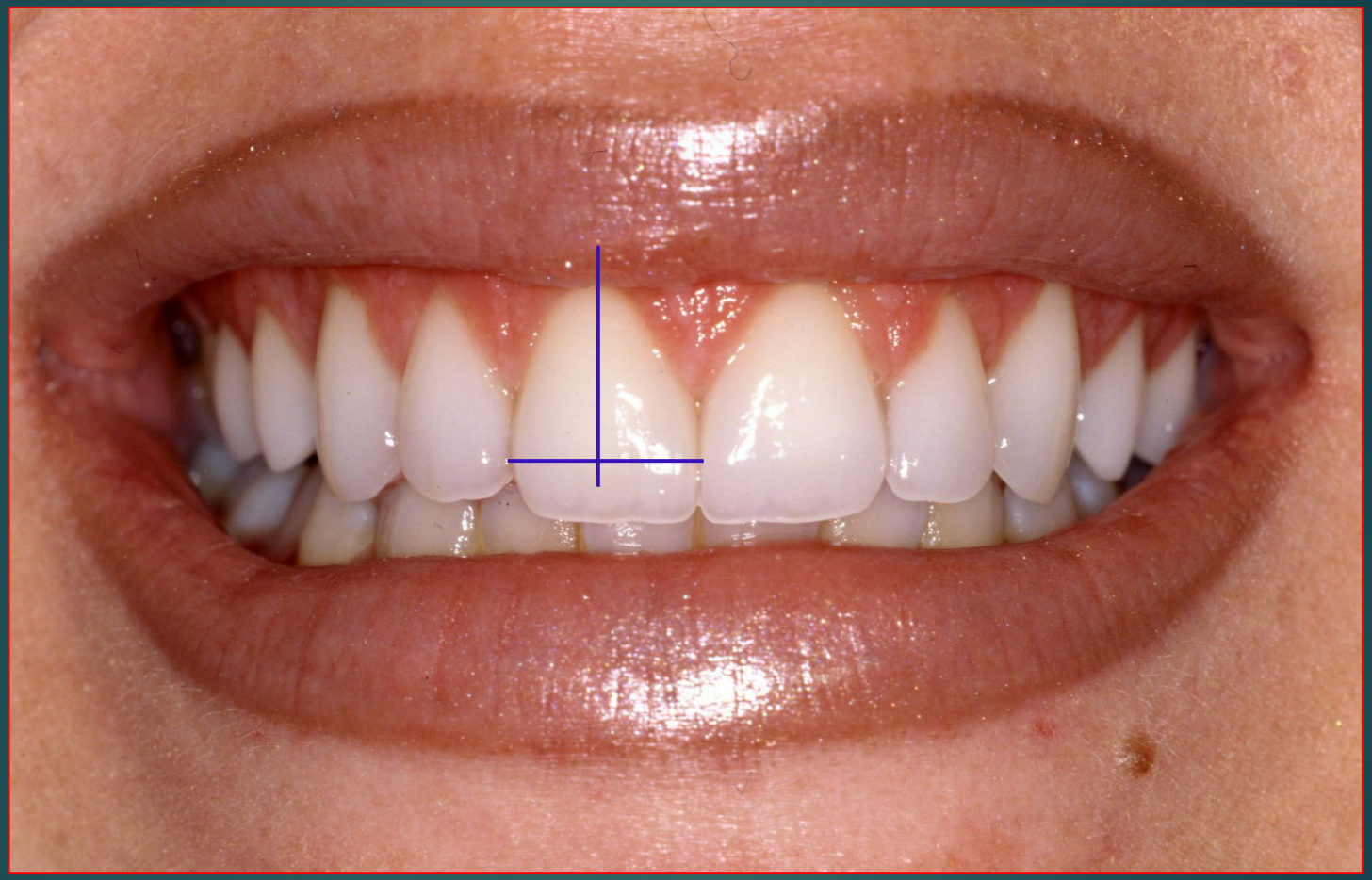
Widths: 1.6 - 1.0 - .6



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Golden Proportions

Length to Width Ratio: 77%



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Golden Proportions



Use Golden Proportion Guides.

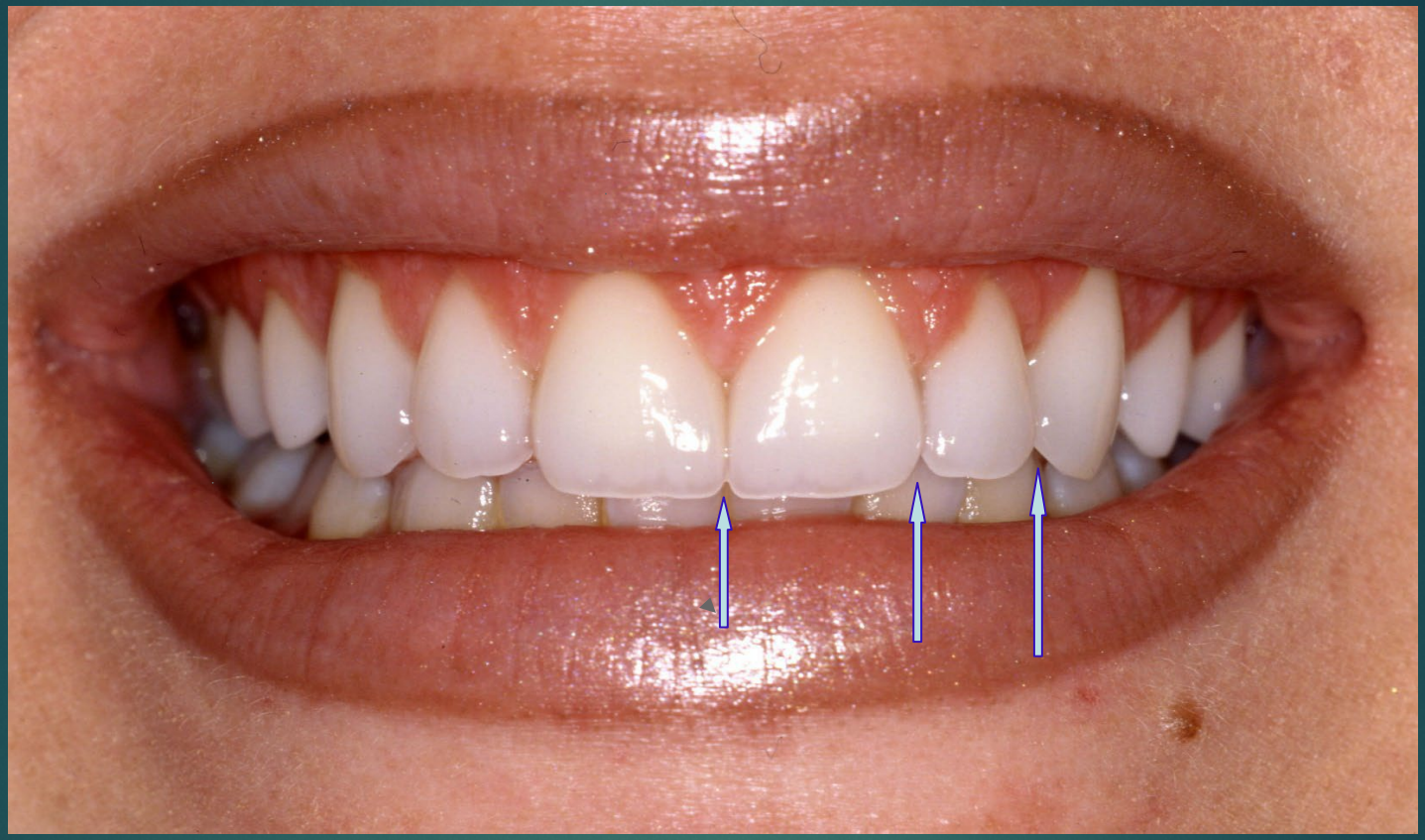
Note: #10 is too wide.

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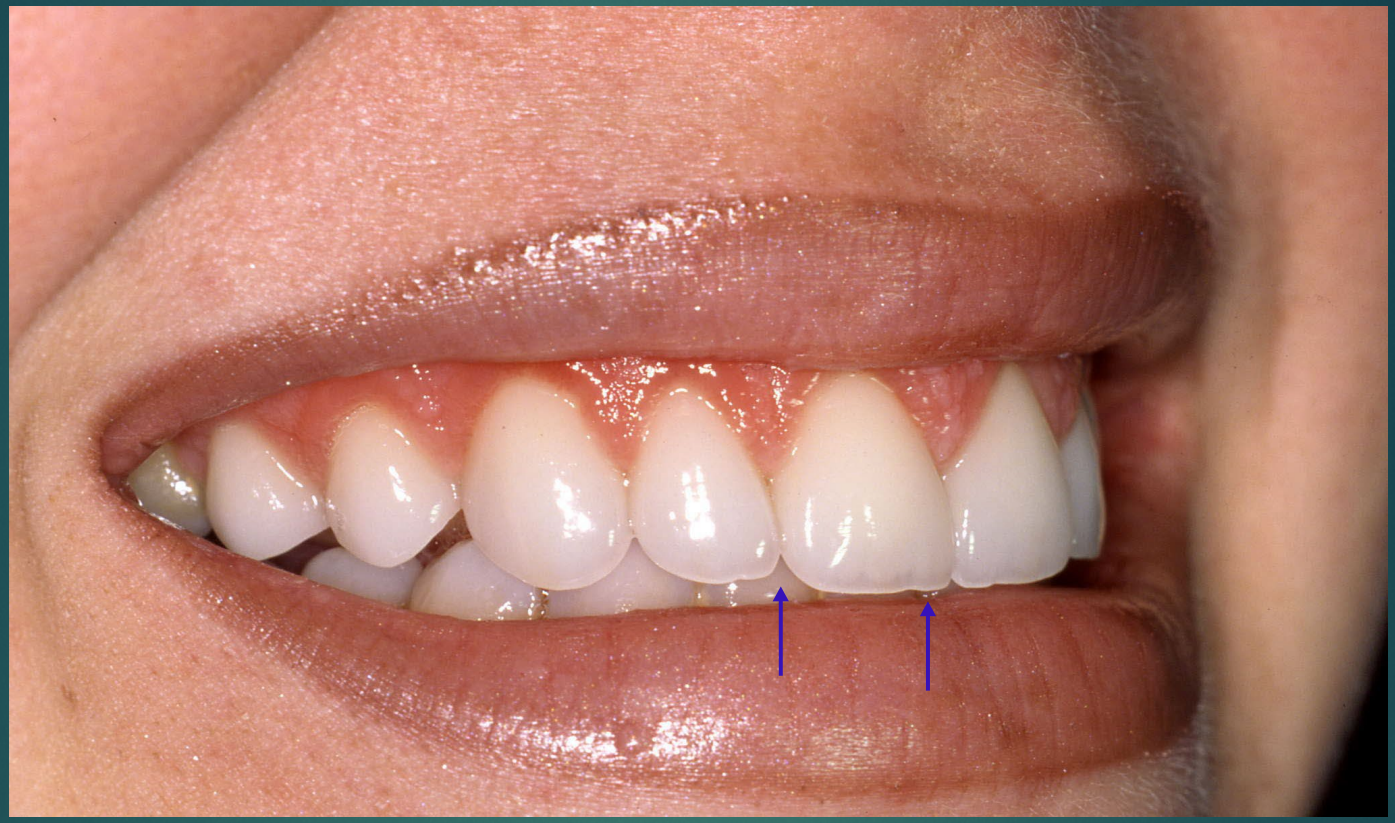
Incisal Embrasures



Embrasures larger moving away from Midline.

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Incisal Embrasures



Embrasures larger moving away from Midline.

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Incisal Embrasures



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Embrasures larger moving away from Midline.

Final Analysis

- Horizontal
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- Incisal Embrasures
- **Smile Line**
- Buccal Corridor
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Smile Line

Smile that follows the lower lip.



Canines should be shorter than Centrals.

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Final Analysis

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Buccal Corridor

Buccal Corridor that is built out.



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Gradation

Posterior teeth shorter moving distal.



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Symmetry

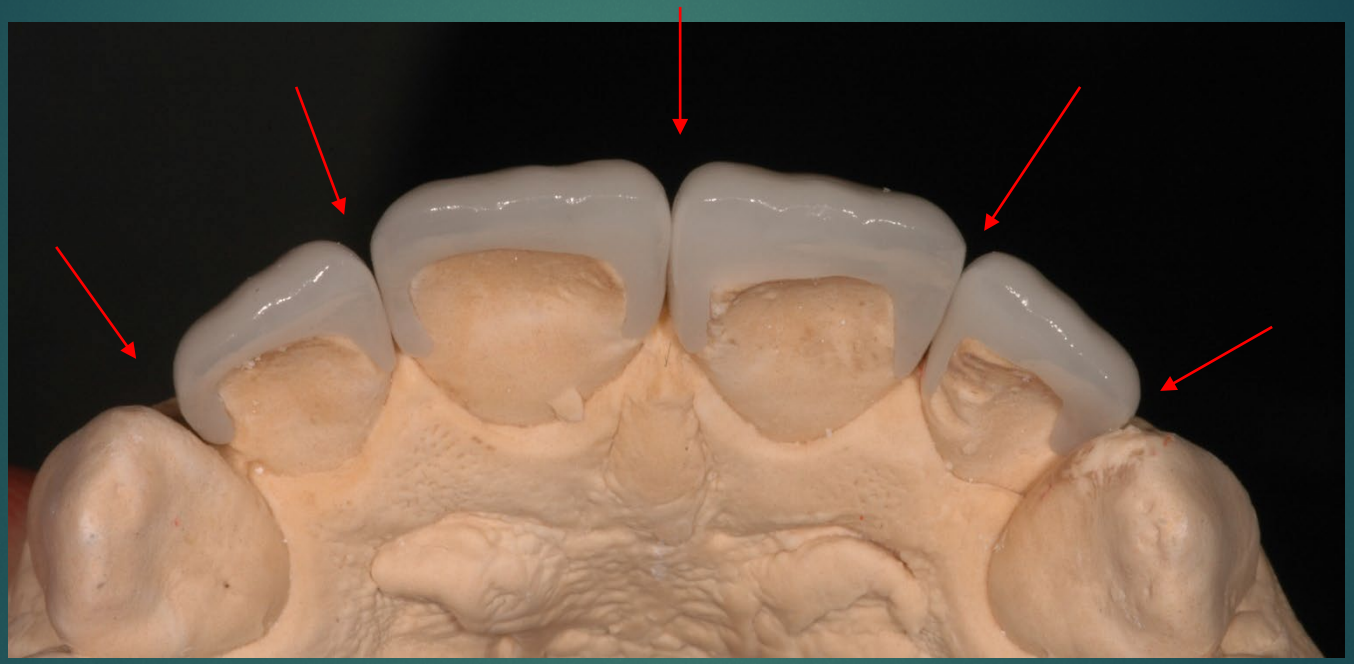


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Complete Symmetry: Incisal Shapes, Shapes, Lengths.

Restorations: Contour

- Balance and Symmetry. Left and right-side mirror image.
- Centrals are slightly dominant. Incisal edge position is still in line.



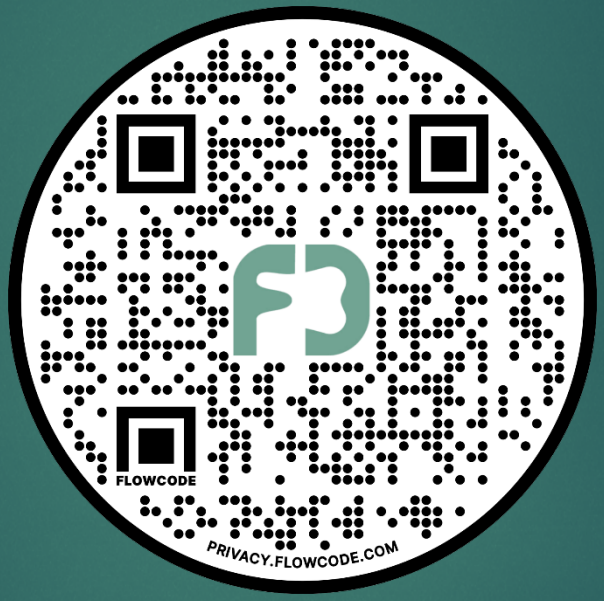
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Thank You



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