

SMILE DESIGN
AESTHETIC & BIOLOGY
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SMILE DESIGN

a cosmetic dental procedure that corrects teeth imperfections and restores dental health and appearance

Objective vs Subjective

- Shape or form
- Symmetry and proportionality
- Position and alignment
- Surface texture
- Color
- Translucency



**ARTISTIC
ELEMENTS**

SMILE & FACIAL ANALYSIS

- Micro Esthetic (Technician): Veneers must be like a teeth.**
- Macro Esthetic (Dentist): depend on treatment plan & design.**
- Facial Esthetic; Facial Proportion in frontal and Sagittal plane.**
- Gingival (pink) Esthetic : Gum display during smiling, upper lip length and mobility.**

Micro-Esthetic



Macro Esthetic

Dental Analysis & Design

- 1-golden proportion** (Lombardi)
- 2-Golden Percentage**
- 3-Recurring esthetic dental proportions (RED proportions)** (Ward)
- 4-M proportions** (Methot)
- 5-Chu's esthetic gauges.**

Dental Analysis

2-Golden Percentage



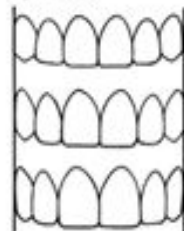
Dental Analysis

3-Recurring esthetic dental proportions (RED proportions) (Ward)



$$2/1 = \text{constant } x$$

$$3/2 = \text{constant } x$$



80% Short Teeth

70% Average Teeth

60% Long Teeth

Indication for smile makeover

1-Teeth color :

- a. Single anterior teeth.
- b. generalized teeth discoloration.

2-Alignment.

3-Spacing.

4-Missing anterior.

5-Chipped,craked or uneven teeth.



VENEERSTYLE

