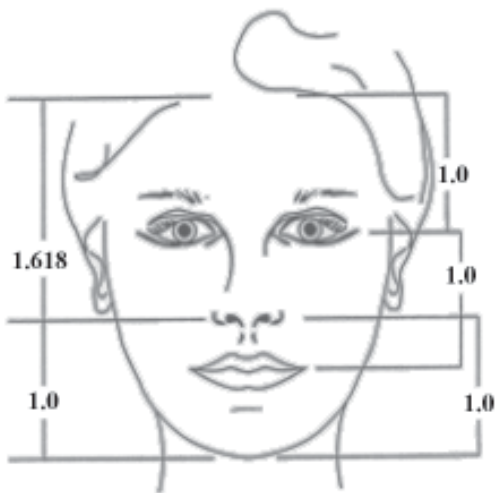


Golden Proportion

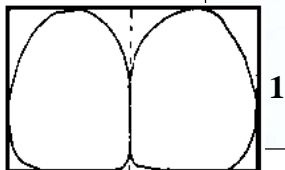
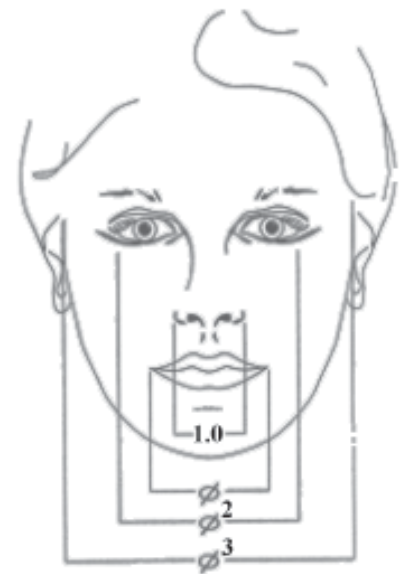
Golden Proportion provides a simple guide to achieve optimum esthetics in your restorations, prostheses as well as evaluating and improving facial proportions.

Golden Proportion ratio 1: 1.618

Vertical Proportions



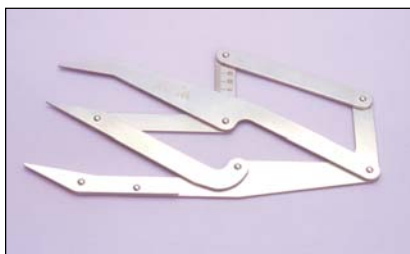
Lateral Proportions



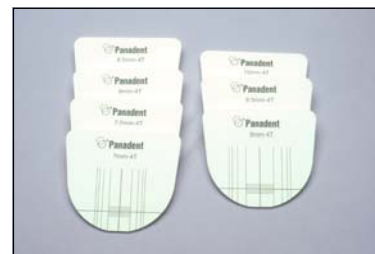
1.618

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This is based on the principle of the Golden Proportion, first described by Aristotle in ancient Greece. Recognized through the ages to hold the key to the secret of beauty by scientists, artists, and architects like Leonardo Da Vinci, Sir Christopher Wren, Le Corbusier, Bella Bartok, Fibonacci, Islamic art and much more.



#9395 Golden Ruler™



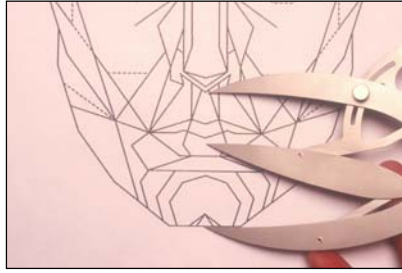
#4330 Waxing Guides™

Golden Proportion

Vertical Proportions:



Referencing the inner canthus of the eye and the ala of the nose, evaluate the incisal edge position vertically in the face for ideal mid-face proportions.

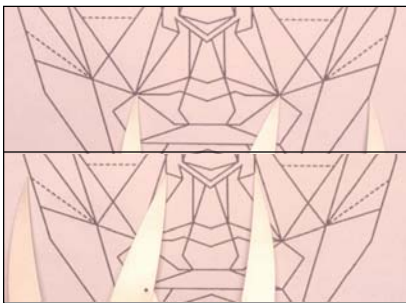


Referencing the columella of the nose and the incisal edge position, evaluate the menton position (vertical dimension of occlusion) for ideal lower facial proportions.



If the OVD is not being changed, reference the columella of the nose and the patient's present menton position to evaluate an ideal incisal edge position.

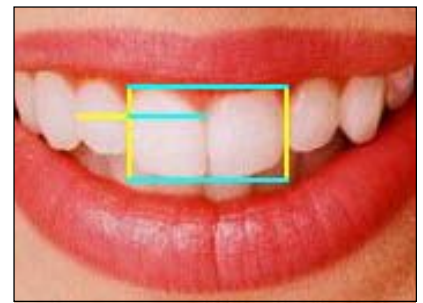
Horizontal Proportions:



The width of the mouth is approximately 60% wider than the width of the nose.



The width of the nose is approximately 60% wider than the width of two central incisors.



The width of two central incisors is approximately 60% wider than the length of one central incisor.

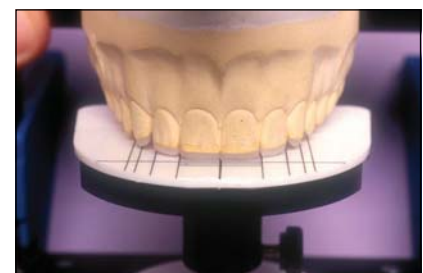
Kois Platform & Waxing Guides:



A golden proportion waxing guide, based on the width of one central incisor, can be added to the Kois platform to evaluate tooth widths.



The Kois platform can be adjusted up or down to the incisal edge position desired to produce ideal tooth lengths.



Both tooth lengths and tooth widths can now be fabricated to achieve an ideal treatment for both esthetics and function.

References:

1. Dr. Richard E. Lombardi, D.D.S.
"The principles of visual perception and their clinical application to denture esthetics".
JPD, April 1973, Vol. 29, Number 4, pages 358-382
2. Dr. Edwin I. Levin, B.CH.D
"Dental Esthetics and the golden Proportion"
JPD, September 1978, Vol. 40, Number 3, pages 244-252.
www.goldenmeangauge.co.uk
3. Dr. Robert M. Ricketts, D.D.S., M.S.
"The Golden Divider"
Journal of Clinical Orthodontics, November 1981, Vol. XV, Number 11.
4. Dr. Stephen Marquardt, D.D.S
www.beautyanalysis.com
5. Dr. Alain Methot
www.dentalgps.com