


**Broadening
Your Perspectives**
Orthodontics and Beyond


Midwestern Society of
Orthodontists Annual Session
October 16-17, 2009

Jerry K. Brunsoman, D.D.S., M.S.



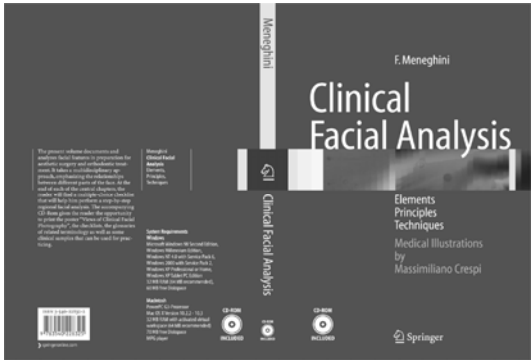
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**Overview of Aesthetic Facial
Surgery**



Clinical Facial Analysis
F. Meneghini

Elements
Principles
Techniques
Medical Illustrations
by
Massimiliano Crespi


Springer



**Facial and
Dental Planning
for Orthodontists
and Oral Surgeons**
Arnett - McLaughlin

**Esthetic
Orthodontics
and
Orthognathic
Surgery**
David M. Sarver

**PROPORTIONS
OF
THE
AESTHETIC
FACE**
Pearl S. Knapp

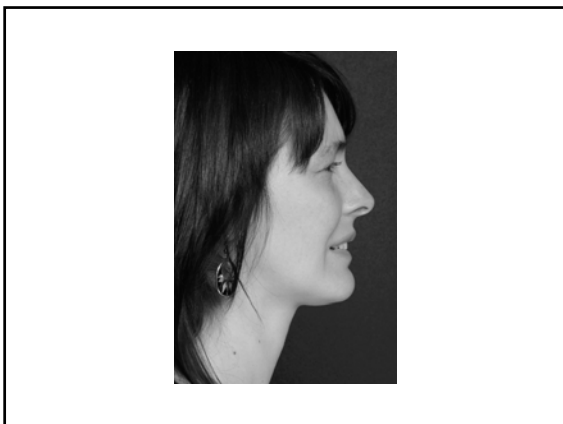
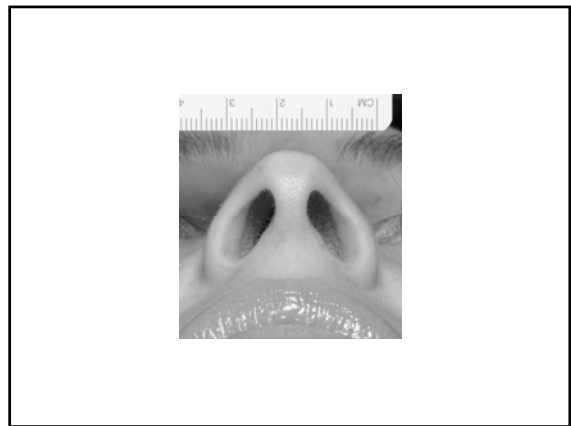
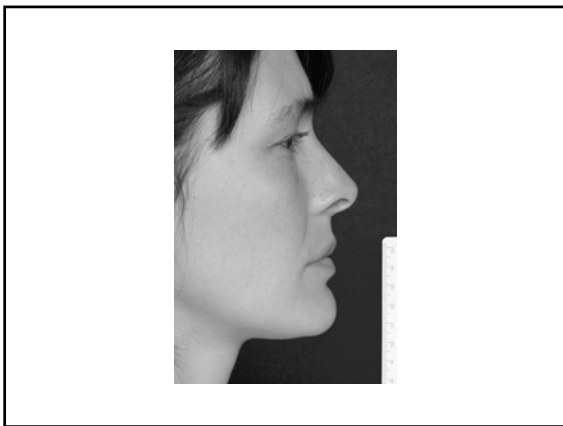


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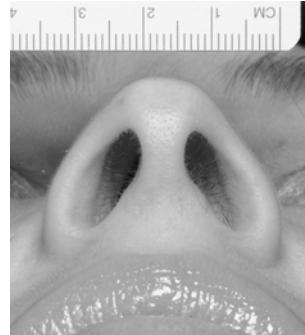
**Views of Clinical Facial
Photography**

Basic Photographic Views

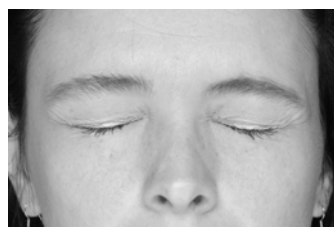
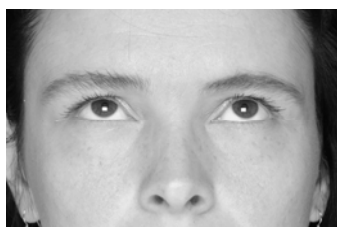
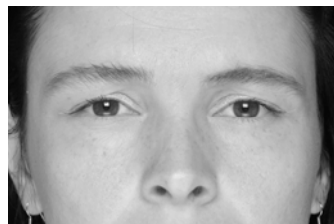




Orthognathic/Orthodontic Views

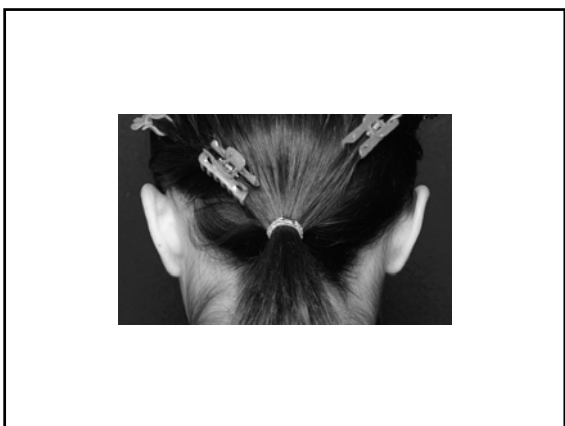
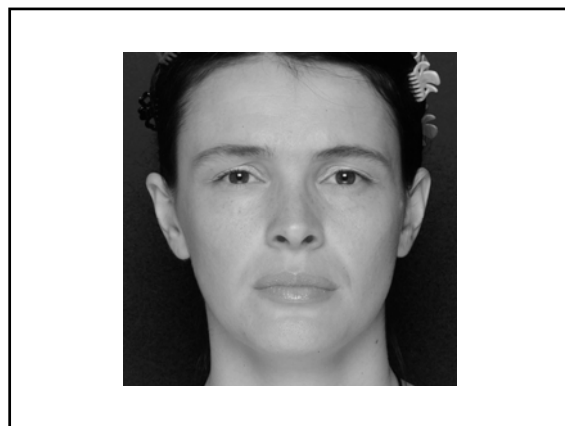



Eye Views





Ear Views





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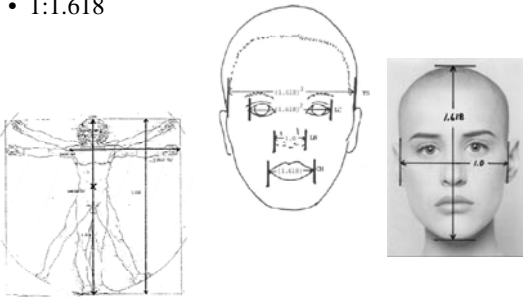
Facial Analysis

The Advantages of Beauty

- Life is easier when you're beautiful
 - Higher Grades (Score Equally on Standardized Tests)
 - More Often Judged Kind, Decent and Honest
 - More Likely to Marry
 - More Likely to Be Promoted
 - Wait Shorter Amount of Time for Services
 - Bad Behavior More Likely to Be Forgiven
 - Less Likely to Be Reported, Caught, or Punished for Their Crimes
 - Easier to Procure Help in Times of Need

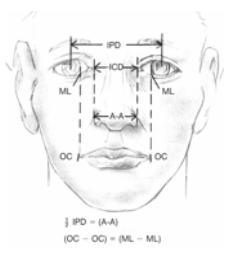
Facial Beauty

- 1:1.618



Facial Analysis

- Lips
 - Oral commissure at medial limbus
 - Smaller mouth preferred by some-- Chinese
- Nasal ala
 - Lateral aspect at medial canthus
 - May be wider in Asian and African-American patients



IPD - (I-A)
OC - OC = (ML - ML)

Facial Analysis

- Vertical Proportions
 - Divided in 1/3's
 - Trichion to NFA
 - NFA to Subnasale
 - Subnasale to Menton

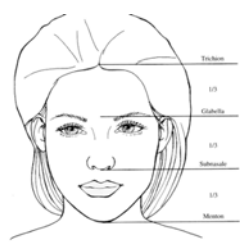


Figure 4. The face is divided into three equal parts.

Facial Analysis

- Horizontal Divisions
 - 1/5's
 - Equal to One Eye Width




Figure 3. The width of the face is divided into five equal parts, with each part equal to the width of one eye.



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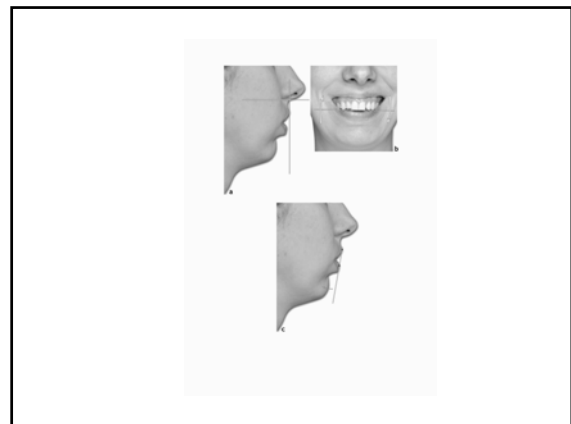
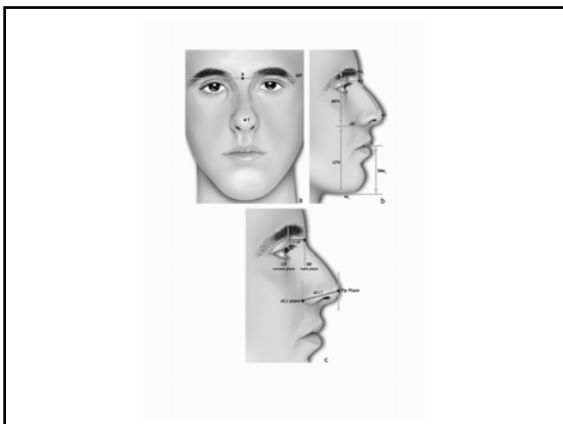
Nasal Analysis

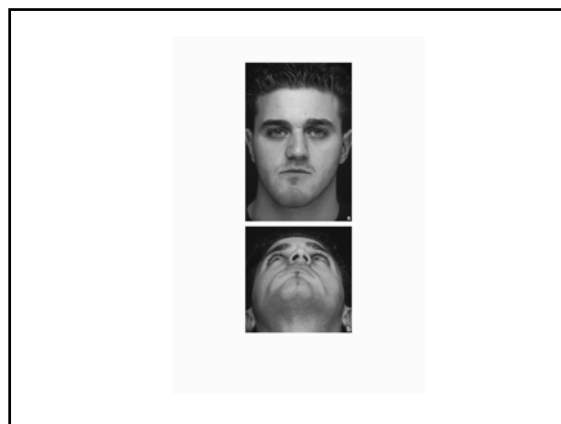
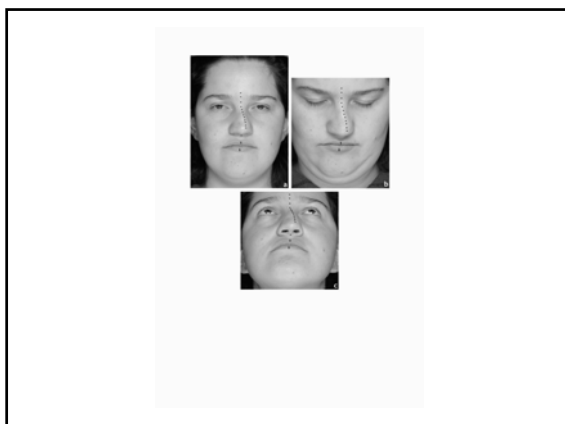
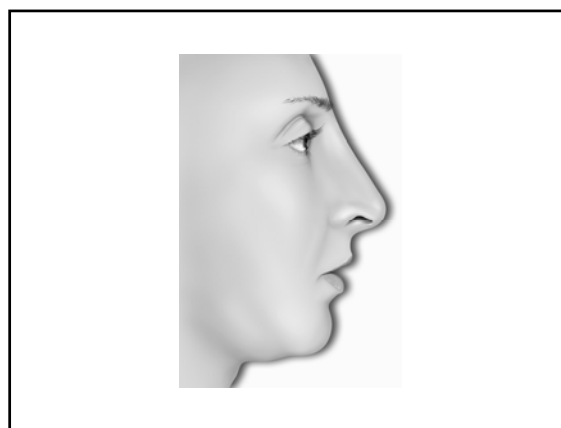
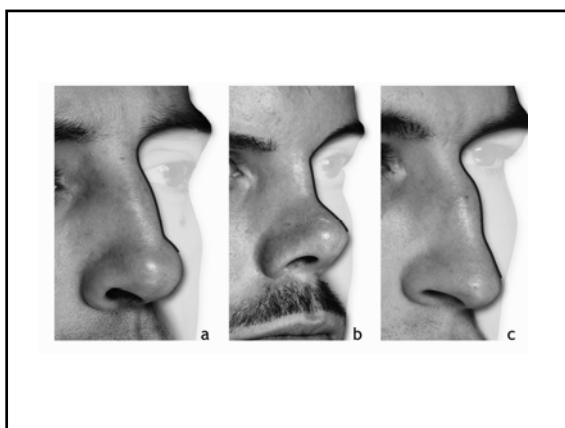
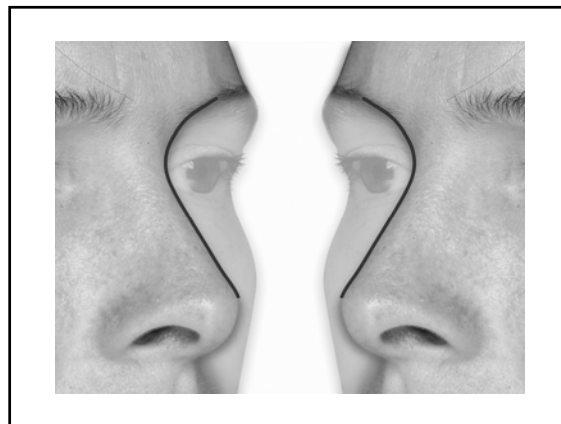
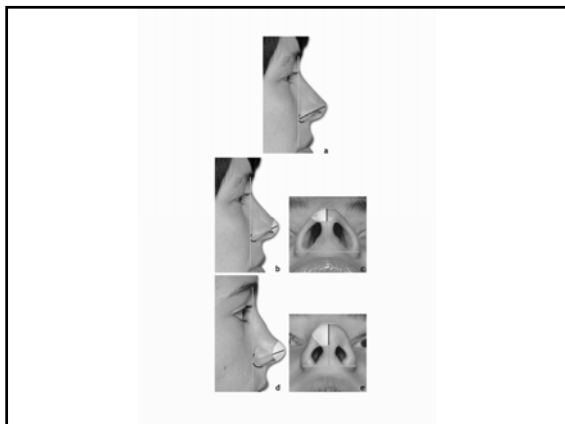
The Nose

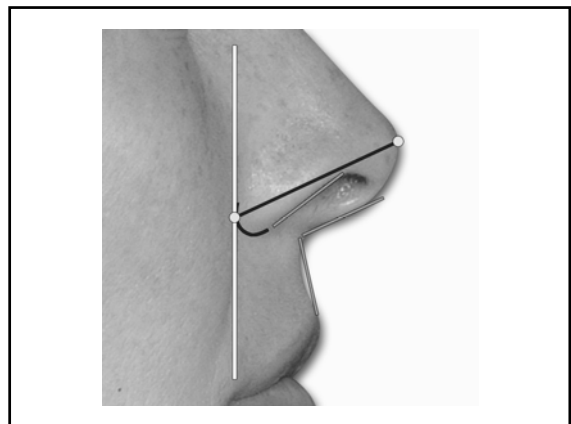
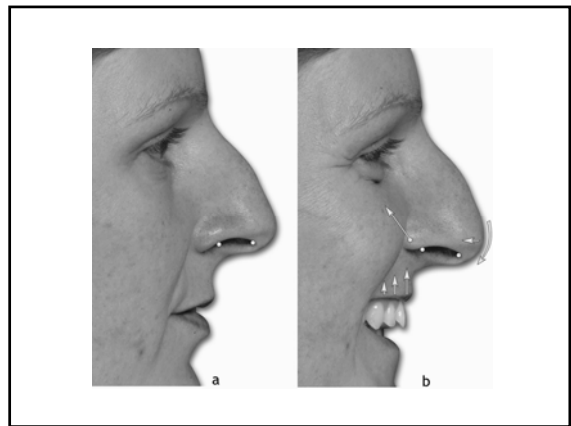
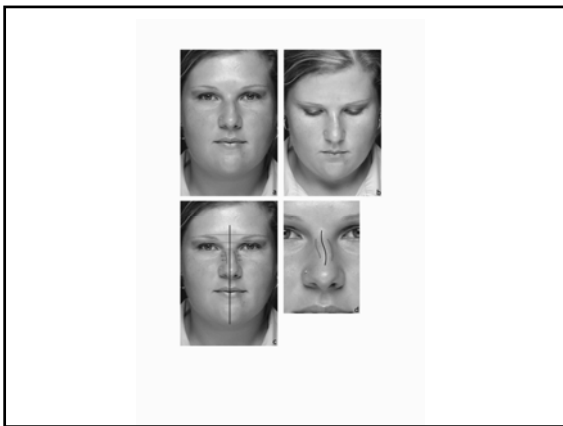
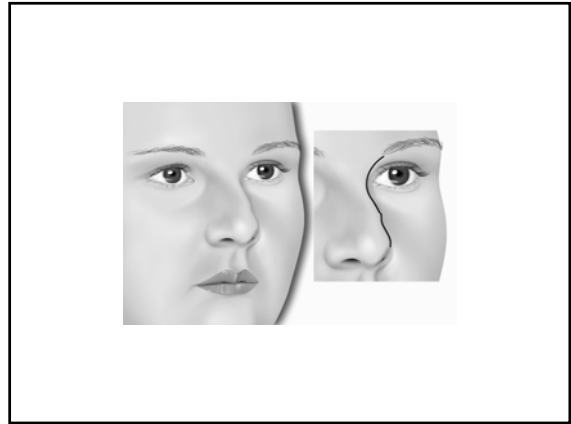
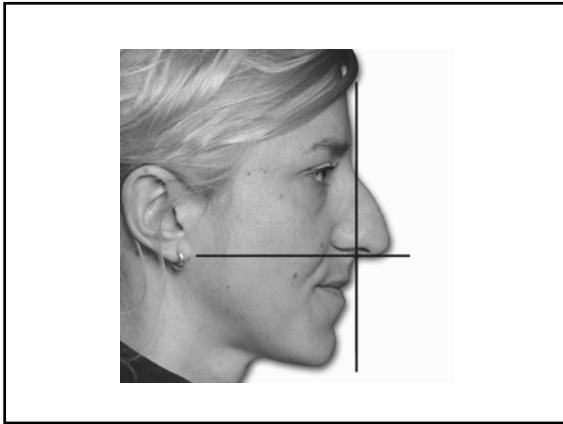
- Nose
 - Nasofrontal Angle
 - Approximately 120 Degrees
 - Nasolabial Angle
 - 90-105 in Men
 - 100-120 in Women
 - Columnellar Show
 - 2-4mm

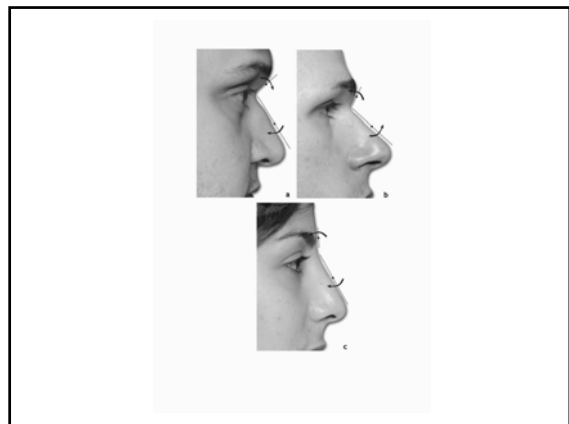
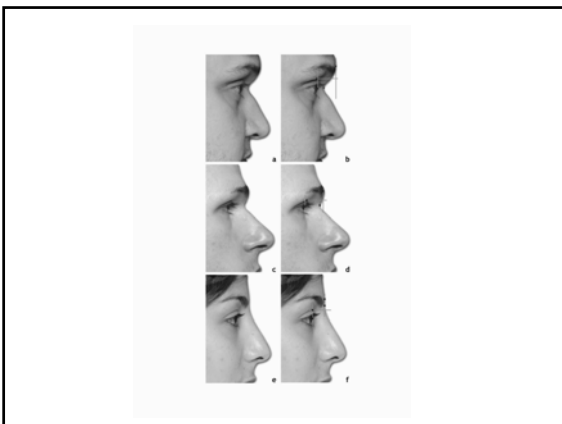
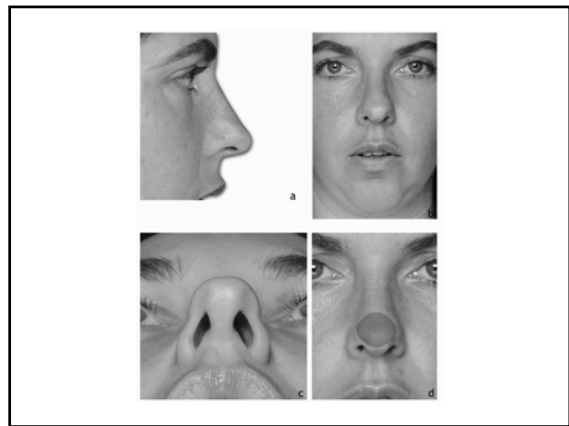
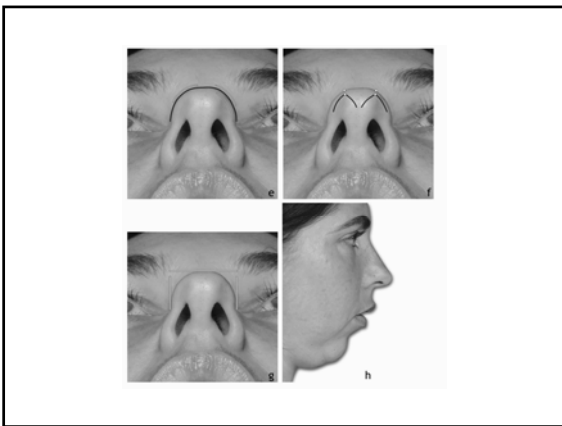
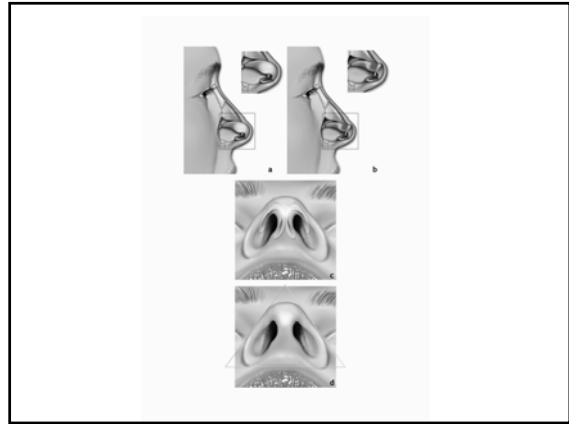
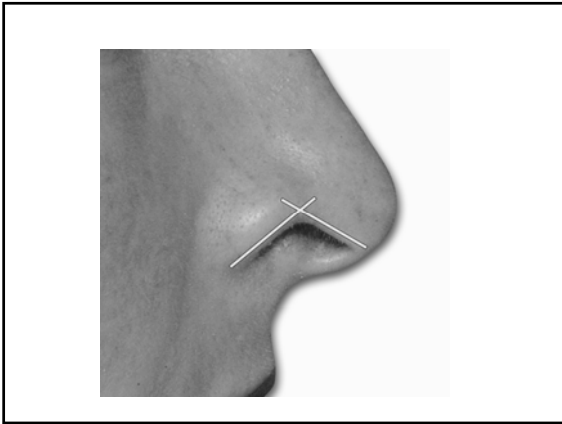
The Nose


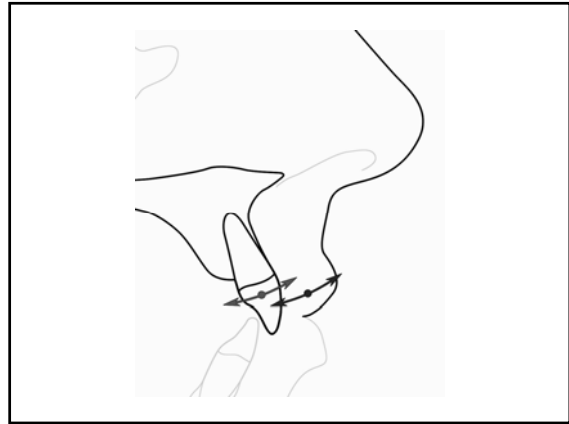
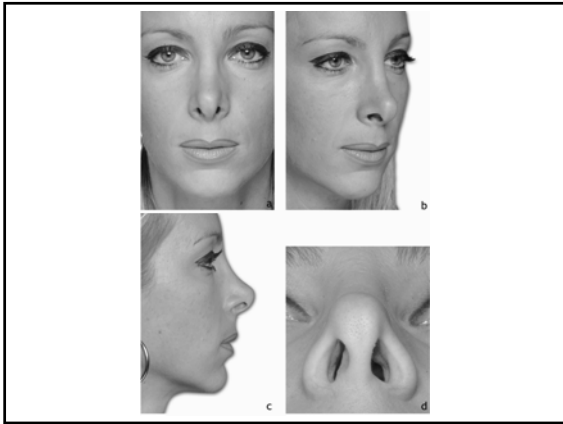
- Inferior View:
 - Equilateral Triangle
 - Lateral Ala at Medial Canthus
 - May Be Wider in Asian, African Noses





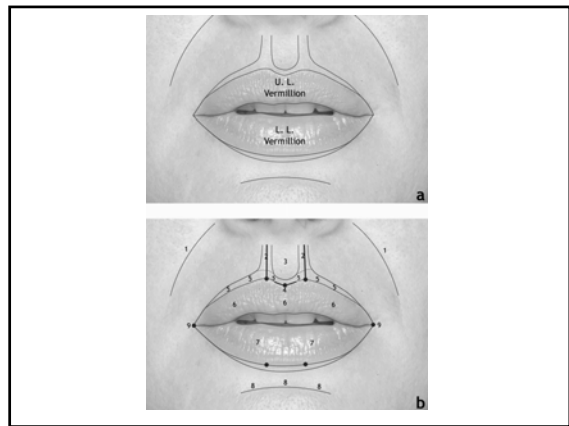






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Lip Analysis

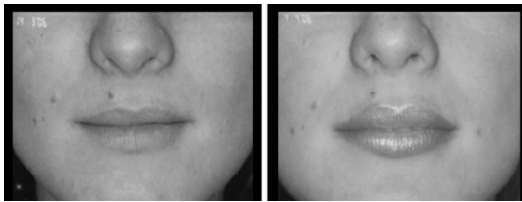


The Lips



PRE OP LIP ALIGNMENT POST OP LIP ALIGNMENT

The Lips



PRE OP LIP ALIGNMENT POST OP LIP ALIGNMENT

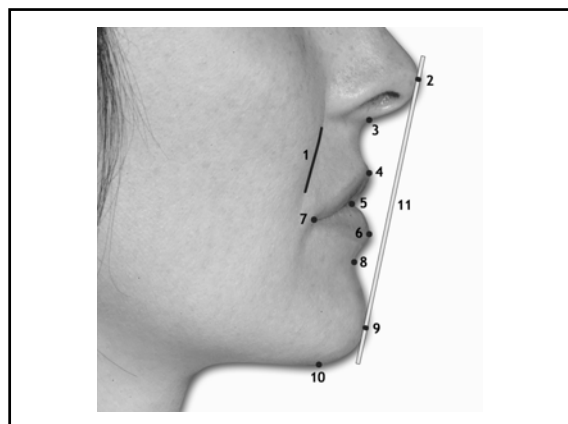
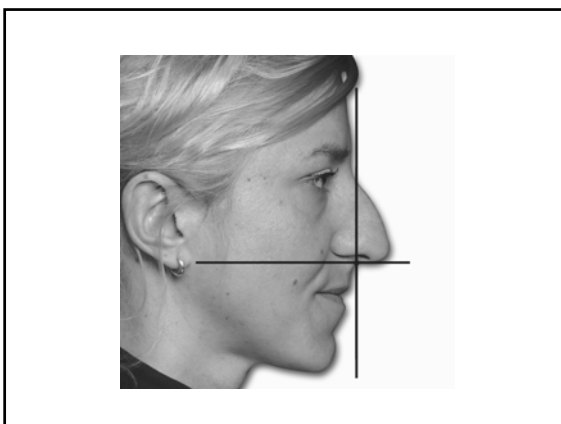
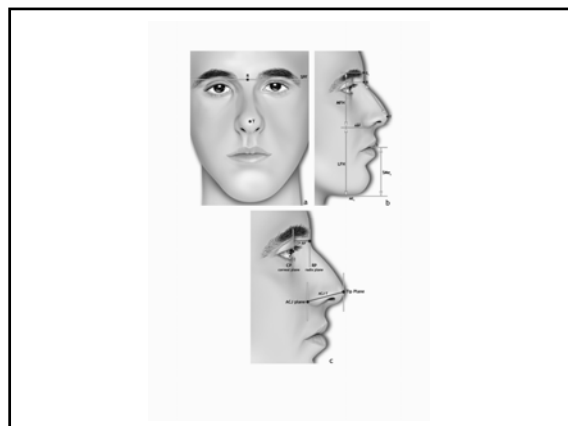


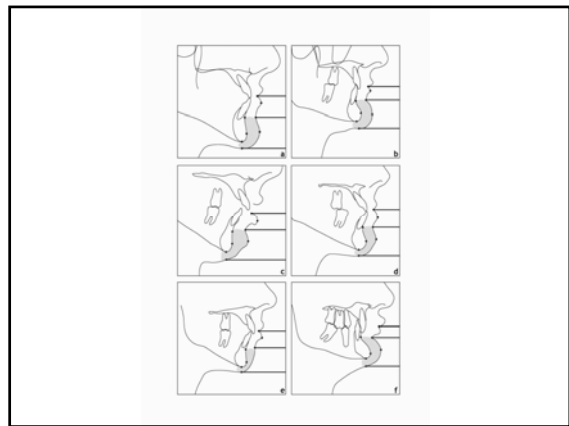
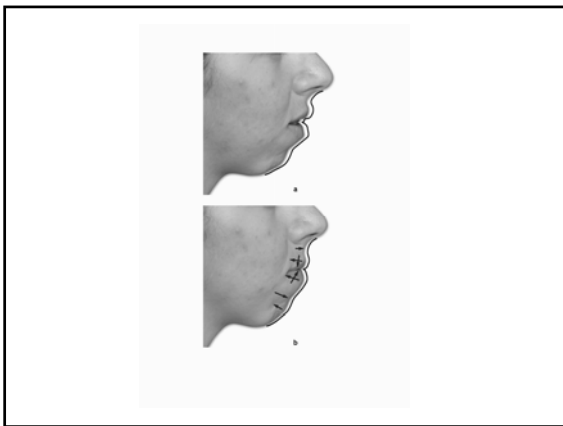
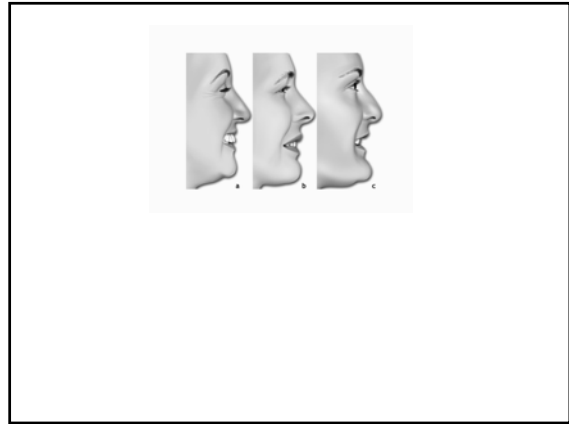
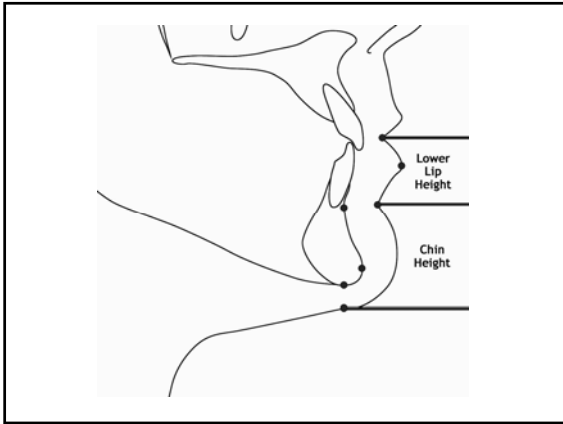
Lip Augmentation Materials

1. Hyaluronic Acid
2. Autogenous Tissue
3. Alloplastic Implants
4. Liquid Silicone

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Chin Analysis





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