INTRODUCTION

Although beauty is easily recognizable within a given culture, it is often difficult to define objectively. Understanding what combination of symmetry, proportions, angles and relationships is considered the standard for the attractive face gives the surgeon an understanding for what is askew. Correction of these asymmetries determines the surgical plan.

Quality of photos

- Frontal - Frankfort plane, centered and symmetric, equal distance
- Lateral - Frankfort plane
- Oblique - nasal tip with malar eminence (distal medial canthus aligned distal oral commisure)
- Base - nasal tip infrabrow line

Facial Analysis

- Horizontal 1/3s
- Vertical 1/5 (intracanthal distance)
- Straight line from glabella to menton (see deviation)
- Curved sweeping line from medial brow to nasal tip
- Alar base = intercanthal distance
- Bony sidewall 75% of nasal base

Tip

- Front

  - Tip defining points - two gentle domes
  - Angle of divergence 50-60 degrees
    (distance middle crus from each other; bulbous-box&ball vs narrow)
  - Columella from front appears gentle curve, gull in flight
Facial Analysis of the Rhinoplasty Patient  March 2012

- Lateral
  - Nasofrontal angle: glabella → nasion → tip 115-130 better to note projection of glabella
  - Projection: Goode: nasion → tip: tip → alar crease should be 1.0:0.6
    - Crumley 3,4,5 3=alar crease to tip, 4=alar crease to nasion, 5=nasion to tip
  - Dorsum- slightly posterior to line from nasion to tip
  - Nasofacial Angle- 36 degrees (30-40), tip → nasion line from glabella → pogonion
  - Nasolabial Angle- Men 90-95, 95-110, line across nostril, vertical line (perpendicular to Frankfort) through upper lip
  - Alar-Columella- 2-4 mm show

- Base View
  - Lobule 1/3, columella 2/3
  - Nostrils pear shaped and symmetric

Chin

- Men- vertical line through lower lip vermillion, chin should touch
- Women- diagonal line through both vermillion should be within 2-3 mm chin

Forehead

- Note orientation relative to Frankfort plane, sloping, flat, protruding

SOURCES

Castellano, Dominic. Castellano&HowardSpecialtyCenter Tampa,Fl , Osler Review Course

Lam Sam. Pictoral Documentation: Traditional Photography and Digital Imaging. Head and Neck Surgery-Otolaryngology, Lippincott Williams and Wilkins 2206
