

RHINOPLASTY

GENE SLOAN, MD, FACS



Aesthetic
PLASTIC SURGERY
Beauty. Refinement. Confidence.

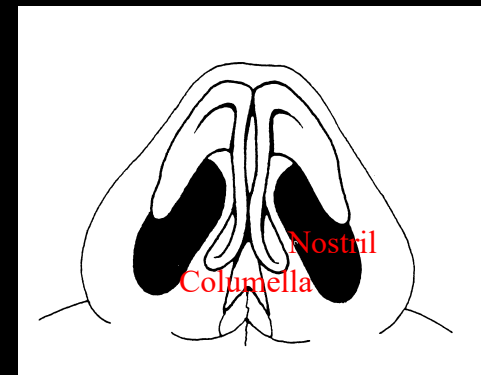
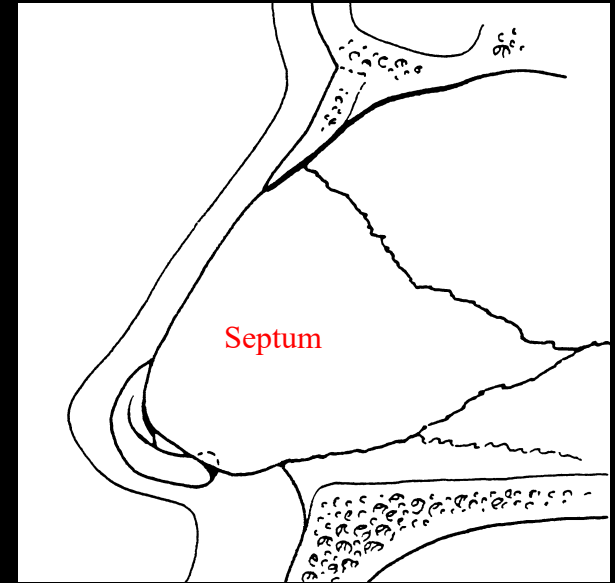
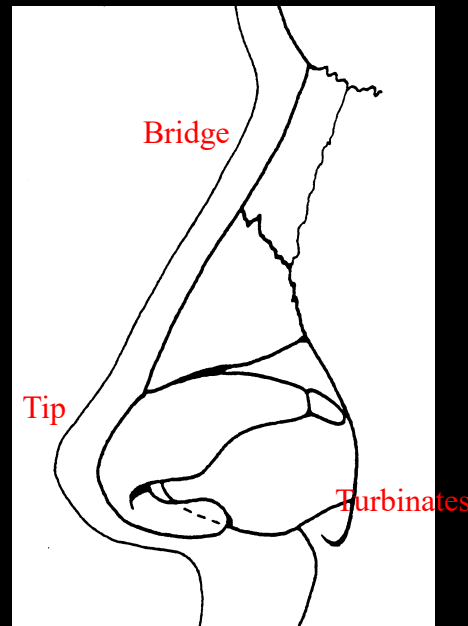
RHINOPLASTY

- Rhinoplasty changes size and shape of nose
- Septoplasty / Turbinates - airway problems
- Often combined
- Graft material often used



ESSENTIAL ANATOMY

- Bridge
- Tip
- Nostrils
- Columella
- Septum
- Turbinates



PROBLEMS ADDRESSED

- Unattractive shape
 - Heredity
 - Previous trauma
 - Previous surgery
- Breathing problems
 - Deviated septum
 - Allergy (not corrected by rhinoplasty)
 - Sinus disease (not corrected by rhinoplasty)



GOALS

- Improve appearance of nose
- Improve overall facial proportion (chin?)
- Normal breathing
- May lessen embarrassment
- May increases self-confidence



LIMITATIONS

- Cannot give you someone else's nose
- May not eliminate breathing problems
- Crooked noses tend to drift back
- Thick skin masks underlying structure
- Large nose can only be made so small
- Result of secondary rhinoplasty depends on previous operation



SYMMETRY

- The human face is naturally asymmetrical
- The nose and nostrils are asymmetrical
- Every attempt is made to improve symmetry
- Perfect symmetry should not be expected.

TREATMENT OPTIONS

- No surgery
- Rhinoplasty
- Septoplasty only (refer to ENT)
- Dermal filler for minor cosmetic change (temporary)



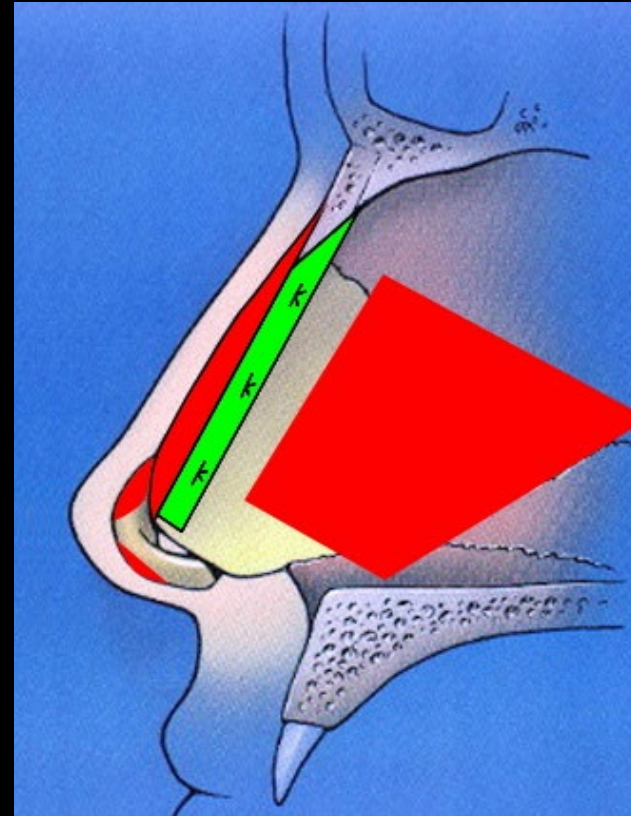
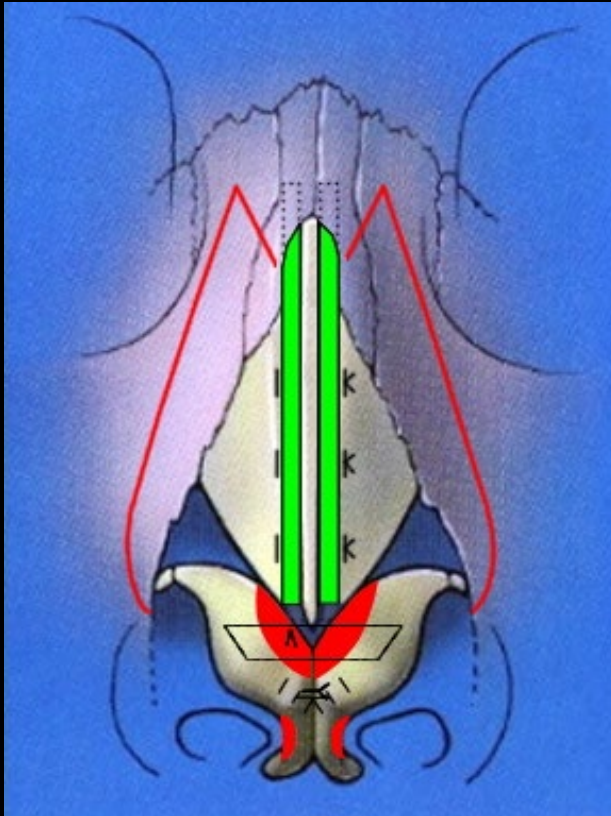
TECHNIQUE OPEN / CLOSED



TECHNIQUE

Red = Remove or Cut

Green = Graft



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GRAFT MATERIAL

- Cartilage
 - Septum
 - Ear
 - Rib
- Temporal Fascia
 - Thin layer of deep tissue from side of scalp

CHIN IMPLANT

- Silicone implant



PROCEDURE

- Outpatient Surgery
- Anesthesiologist Evaluation / General Anesthesia
- Review Operative Plan with Surgeon
- Procedure lasts 2-5 hours
- Recovery Room 1 hour
- Need caregiver first 24 hours



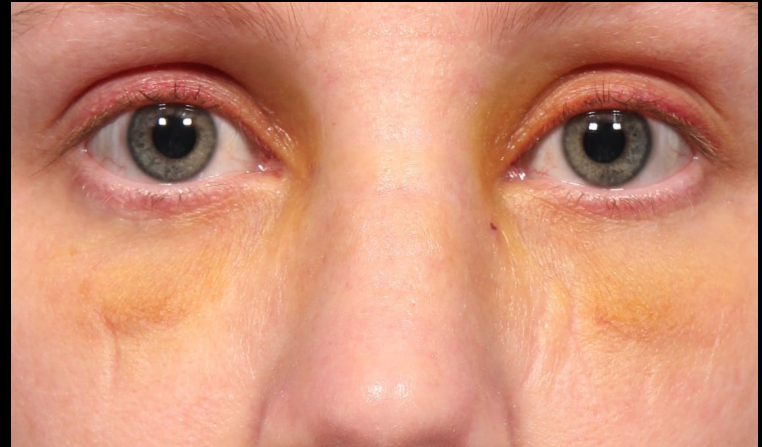
RECOVERY

- Off work 1 week
- No driving 1 week
- Packing - almost never
- Nasal splint, sutures for 5-6 days
- Protect nose for 6 weeks
- Most of swelling gone in 2 months,
- Almost all swelling gone in 12 months
- Subtle changes can be observed for years



1 WEEK LATER?

4 patients 5-6 days postop



TRADE OFFS

- Usually not painful
- Temporary airway obstruction
- May have “black eye” for 2 weeks
- Permanent scars
- Internal nasal scars
- Stiffness of soft tissue



RISKS

- Patient dissatisfaction
- Need for revision
- It is always better than before
- It is never “perfect”
- All goals may not be met
- Synthetic nasal implants may get infected, displaced



OUTCOME

- Most exacting cosmetic surgery there is
- Success is measured in millimeters
- Revision rate of approximately 10%
- Almost always improvement
- A perfect result should not be expected.
- The following results are reasonable



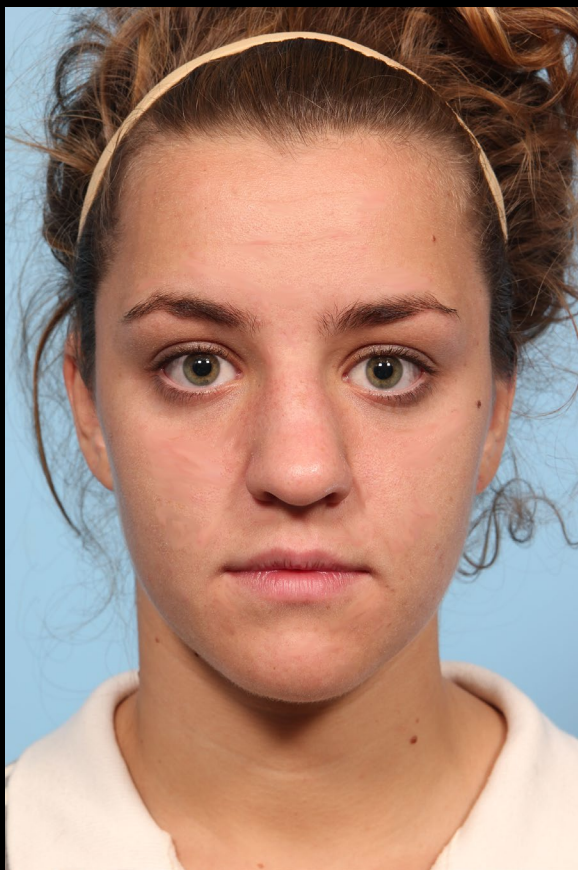
BEFORE / AFTER

CHIN IMPLANT



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BEFORE / AFTER



BEFORE / AFTER



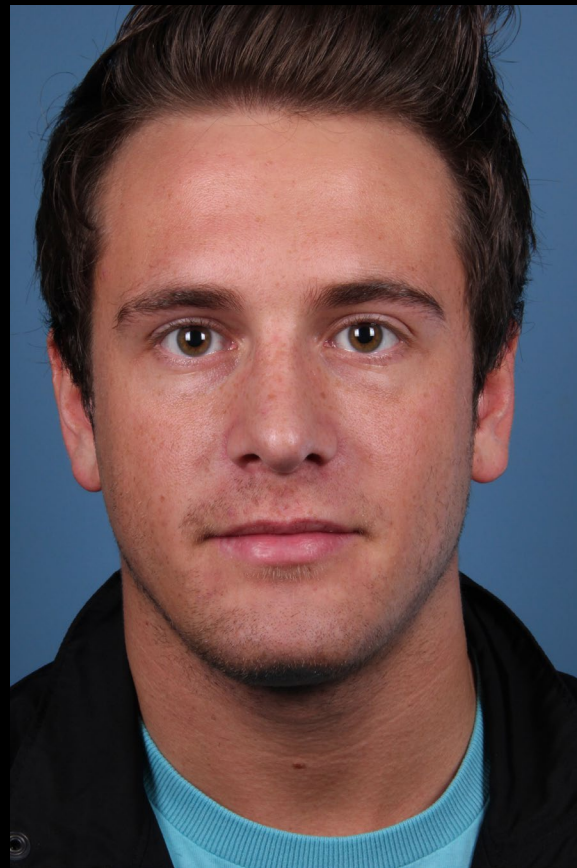
BEFORE / AFTER



BEFORE / AFTER



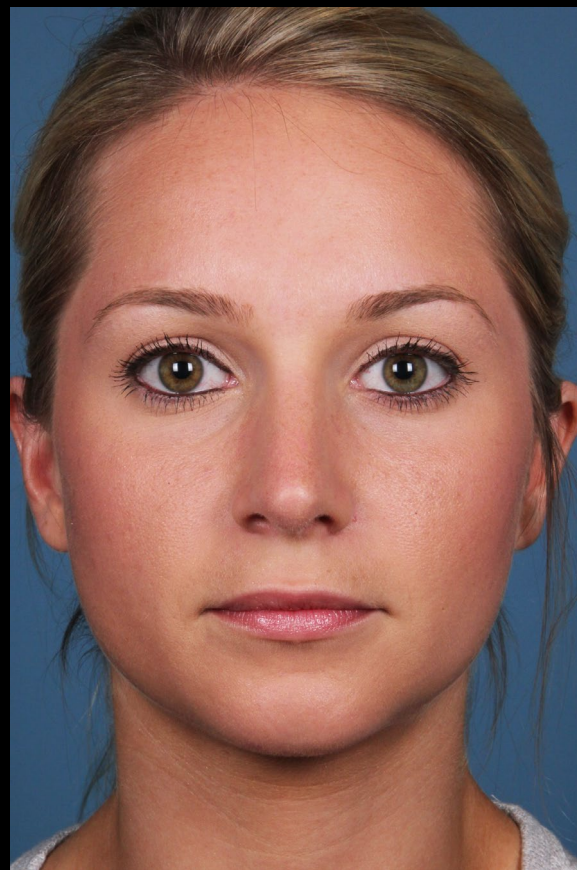
BEFORE / AFTER



BEFORE / AFTER



BEFORE / AFTER



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