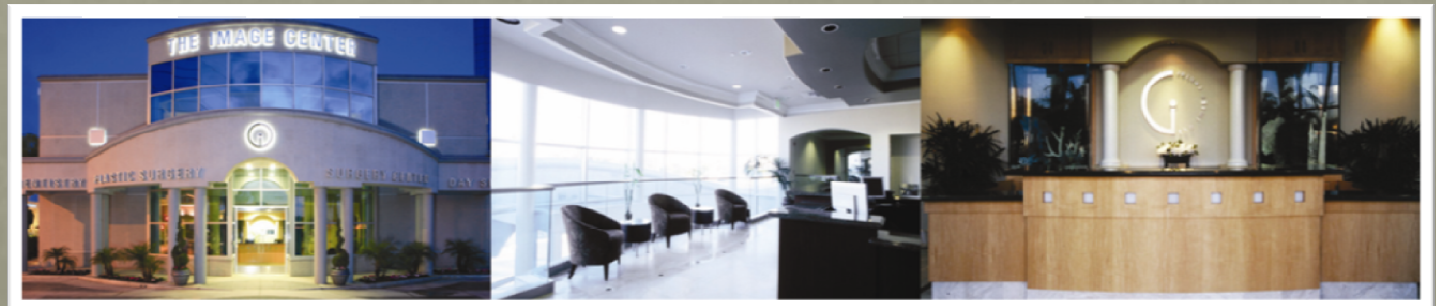


COMBINING SURGICAL LIFTING WITH NATURAL INJECTABLES

Peter Newen, M.D.
Image Plastic Surgery Center

OUR PRACTICE

- Multiple ethnicities
- Orange County California
- Highly competitive market
- Very well informed patients
- Very high expectations



COMMON FEARS ABOUT FACELIFTS

- Unnatural appearance
- Not enough or too much
- Bad scars
- Pixie ears
- Long recovery
- Make you age faster

REALITIES

- Very natural appearance
- Virtually no tell tale signs
- Patients can deny having had surgery

POST-OP DAY 10



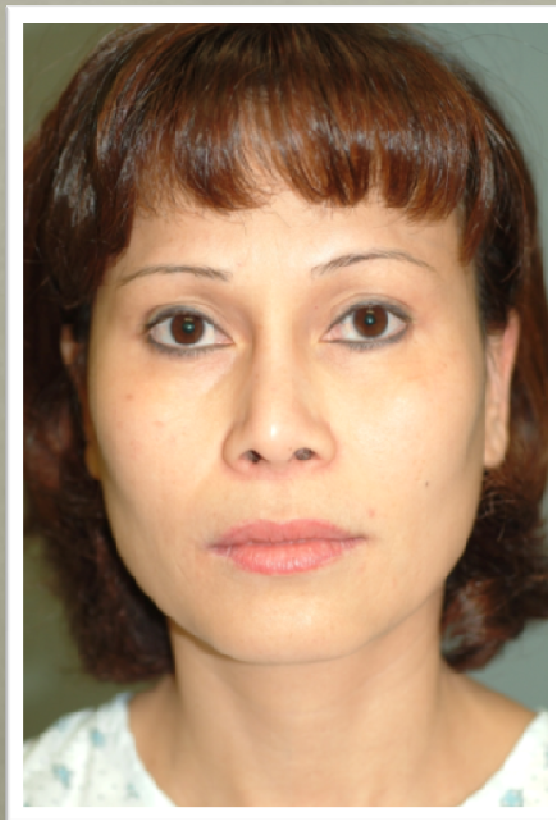
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POST-OP 6 MONTHS



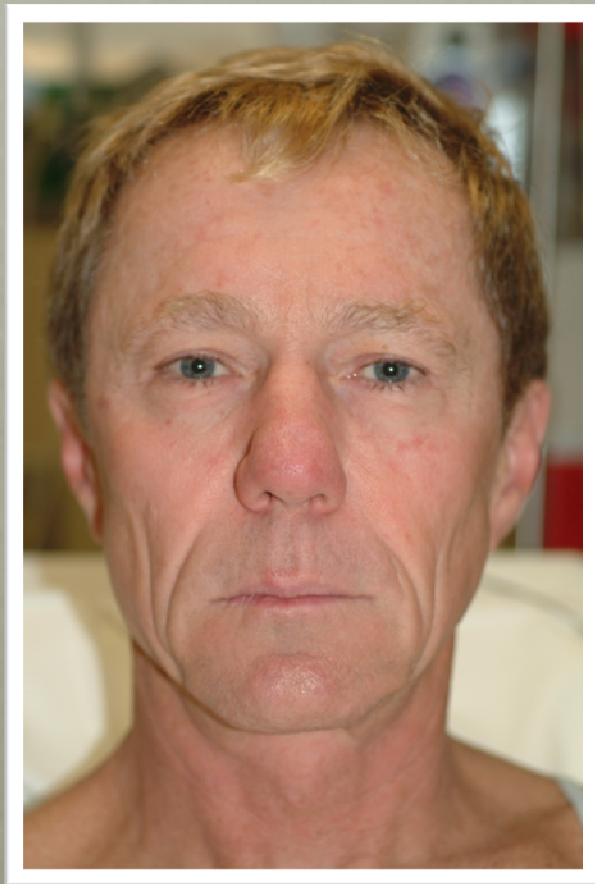
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POST-OP 6 YEARS



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MALE PATIENT



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ANCILLARY PROCEDURES

- Current methods
 - Botox
 - Juvederm, Restylane
 - Sculptra
 - Fat
 - Lasers: CO2, Erbium, Fractionated

INNOVATIVE NEW TECHNIQUES

- Microneedling – Collagen Induction Therapy
 - MTS Roller™ manufactured in the USA by Clinical Resolution Lab
- PRP – Platelet rich plasma
 - Mycells
- Bone augmentation – bone grafting
 - Crushed Cortical Demineralized

PLATELET RICH PLASMA - PRP

- Clinical use in wounds, maxillofacial surgery, spine
- General consensus that PRP enhances healing
- Plastic Surgery Clinical studies – clotting, bruising

Man, Daniel M.D.; Plosker, Harvey M.D., and; Winland-Brown, Jill E. Ed.D., M.S.N., F.N.P.-C. The Use of Autologous Platelet-Rich Plasma (Platelet Gel) and Autologous Platelet-Poor Plasma (Fibrin Glue) in Cosmetic Surgery Plastic & Reconstructive Surgery: January 2001 - Volume 107 - Issue 1 - pp 229-237

PRP PREPARATION

- Blood is drawn prior to procedure
- A variety of commercial separation kits
- Mycells – In our practice
- Centrifuge
- PRP is collected

PRP BENEFITS

- Enhance clotting
- Initiate tissue healing with subsequent extracellular matrix
- Proliferation mesenchymal cells
- Proliferation fibroblasts
- Production of type I collagen
- Growth factor secretion PDGF, TGF, PF4, PDAF, VEGF, EGF, PDEGF, ECGF, IGF

GROWTH FACTORS

- Secretion starts in 10 minutes
- 95% presynthesized secreted in 1 hour
- Continue for 5 to 10 days

WHY COMBINATION PROCEDURES?

- **Sagging skin - Facelift**
 - Remove excess skin, reposition deep tissue, remove or add fat as needed
- **Old skin – Microneedling (MTS Roller™), PRP, Lasers**
 - Needs direct stimulation for skin rejuvenation
 - Thicker skin – slower aging
- **Aging is progressive**

FOR THIS RESULT



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