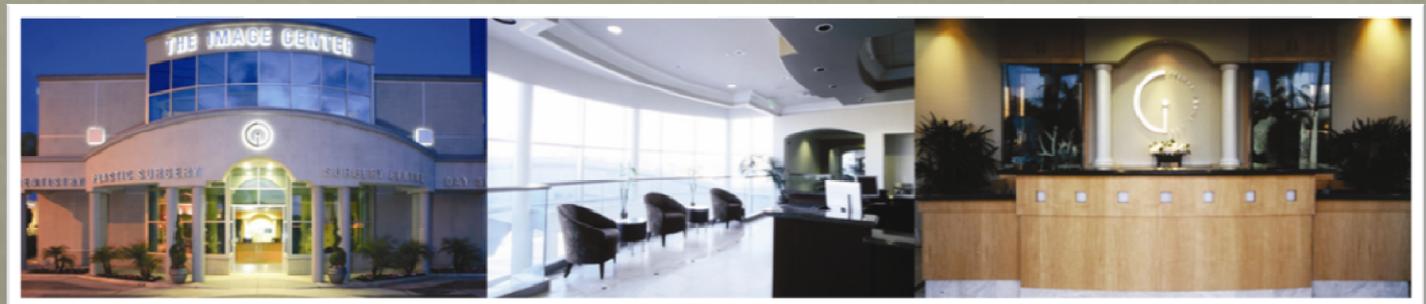


# COMBINING SURGICAL LIFTING WITH NATURAL INJECTABLES

**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



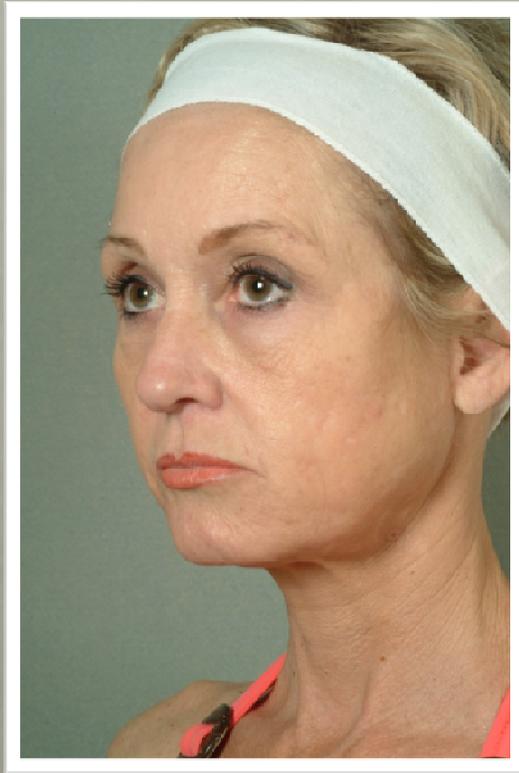
# COMMON FEARS ABOUT FACELIFTS

- 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



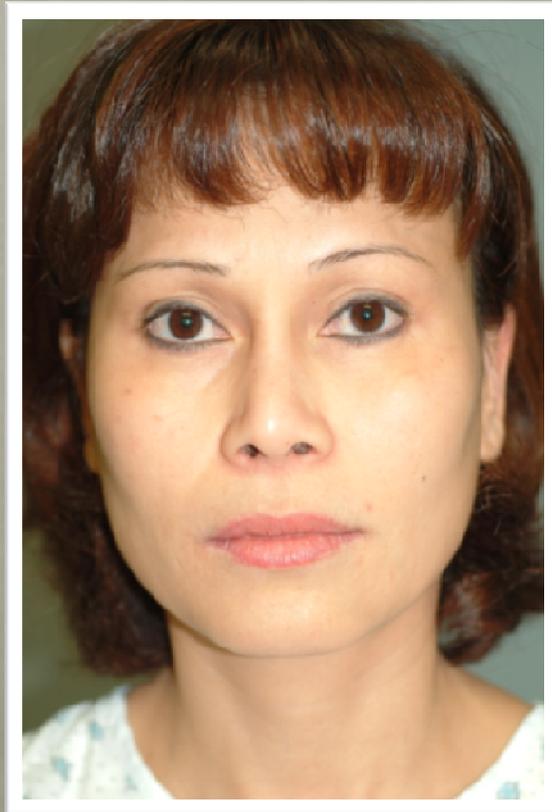
PHOTOS COURTESY OF DR. PETER NEWEN

# POST-OP 6 MONTHS



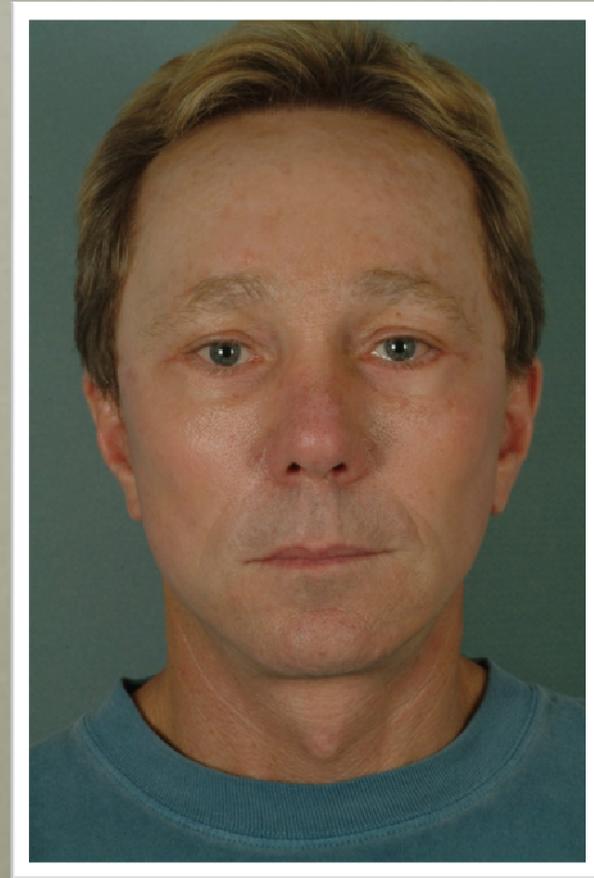
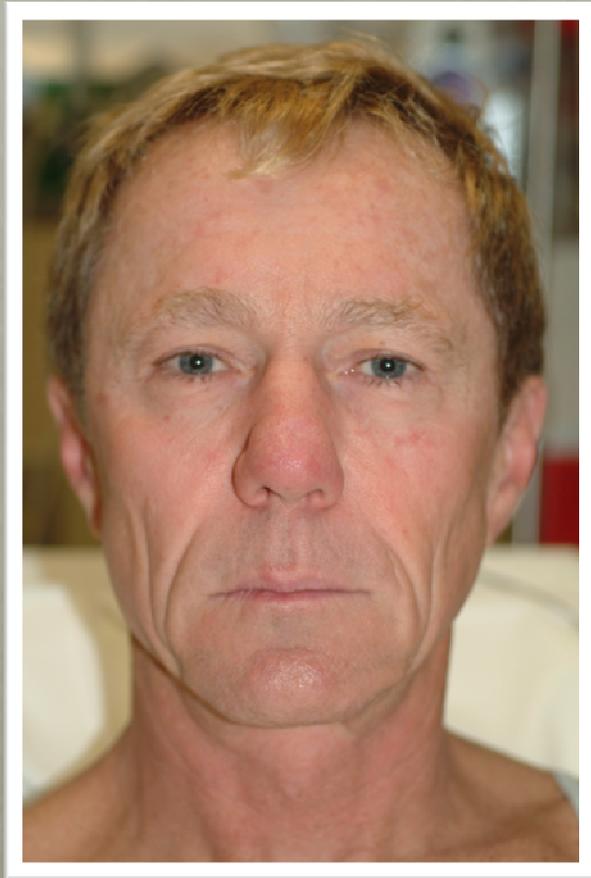
PHOTOS COURTESY OF DR. PETER NEWEN

# POST-OP 6 YEARS



PHOTOS COURTESY OF DR. PETER NEWEN

# MALE PATIENT



PHOTOS COURTESY OF DR. PETER NEWEN

# 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 concensus 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

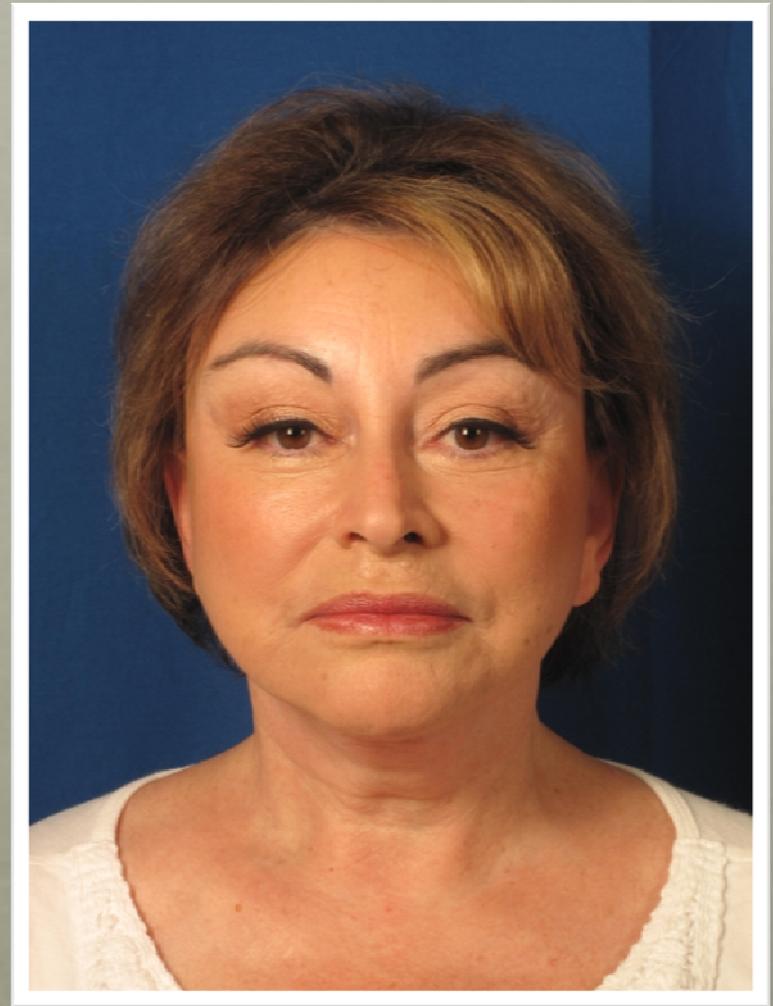
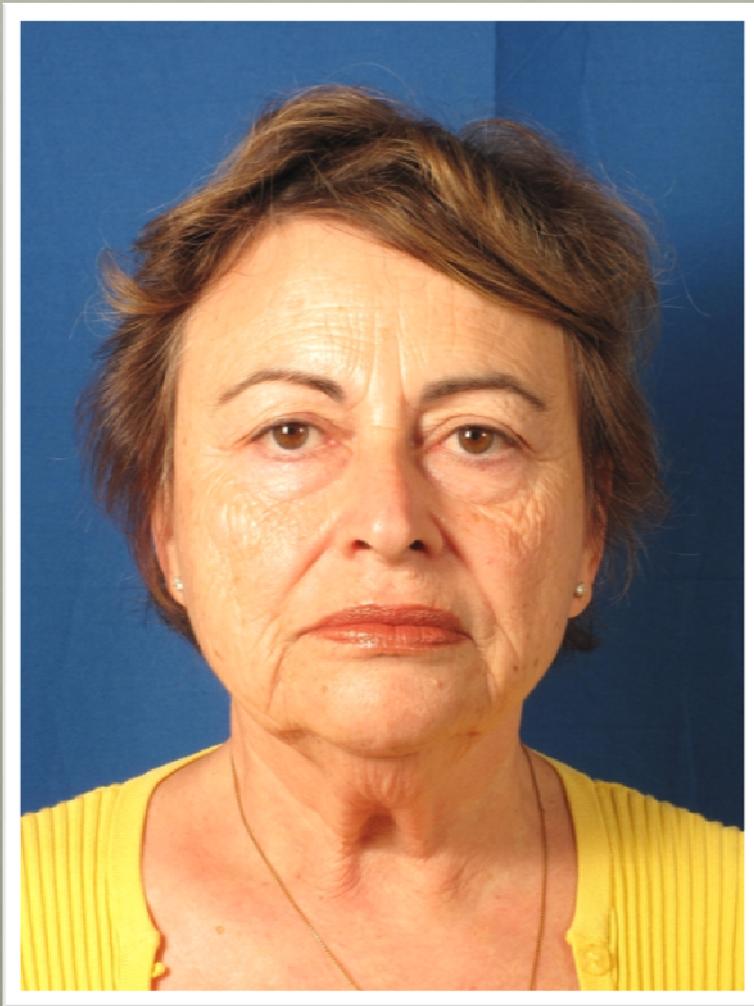
# GROWTH FACTORS

- **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



PHOTOS COURTESY OF DR. PETER NEWEN