

Facial Rejuvenation Options and Techniques

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R3 Stem Cell Trainer

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The Face Aging Process

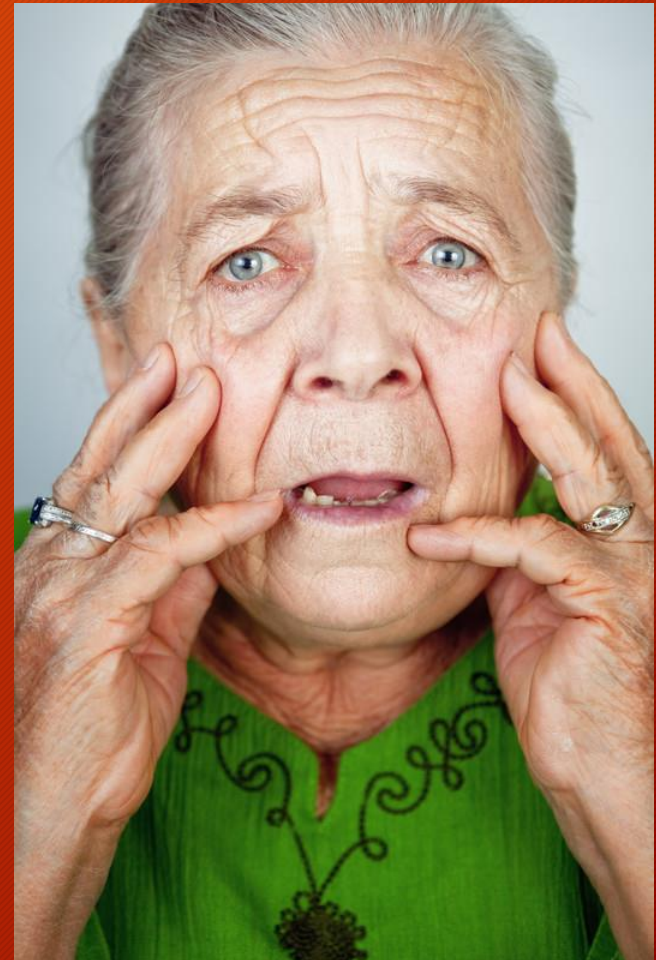
- The ageing process on the face is a complex interaction between a variety of facial elements. The process can be described as a cascade effect, which happens in four main facial layers:
 1. The bone: bone resorption on the orbits and jawline
 2. Muscle: tightening with age
 3. Fat pads: melting and sliding
 4. Skin: collagen and ECM.



Facial Rejuvenation Presentation

Evaluation of a Client's Face

1. Neuromuscular agents
2. Fillers (hyaluronic acid)
3. Platelet rich plasma facial
4. Platelet rich plasma facelift
5. Stem Cell Facelift
6. Polydioxanone Medithread lift
7. Kybella (Deoxycholic acid)



Neuromuscular agents

1. Botox
2. Dysport
3. Jeuveau
4. Xeomin



How do they Work??

- Neuromuscular agents work by blocking the neuromuscular junction causing paralysis of the muscles. This is accomplished by inhibiting acetylcholine synthesis.
- Botulinum toxin can be injected into humans in extremely small concentrations and works by preventing signals from the nerve cells reaching muscles, therefore paralyzing them.



Table 3. Complications with Botulinum Toxin Injection

Injection reactions

Anxiety or vasovagal episode
Ecchymosis
Erythema, edema, and tenderness
Headache
Infection
Pain
Paresthesia or dysesthesia

Undesired botulinum toxin effects

Allergic reaction
Antibodies against botulinum toxin
Blepharoptosis
Distant spread from the injection site
Eyebrow ptosis
Facial asymmetry
Medication interactions
Undesired eyebrow shape or unsatisfactory result

Information from references 30 through 32.

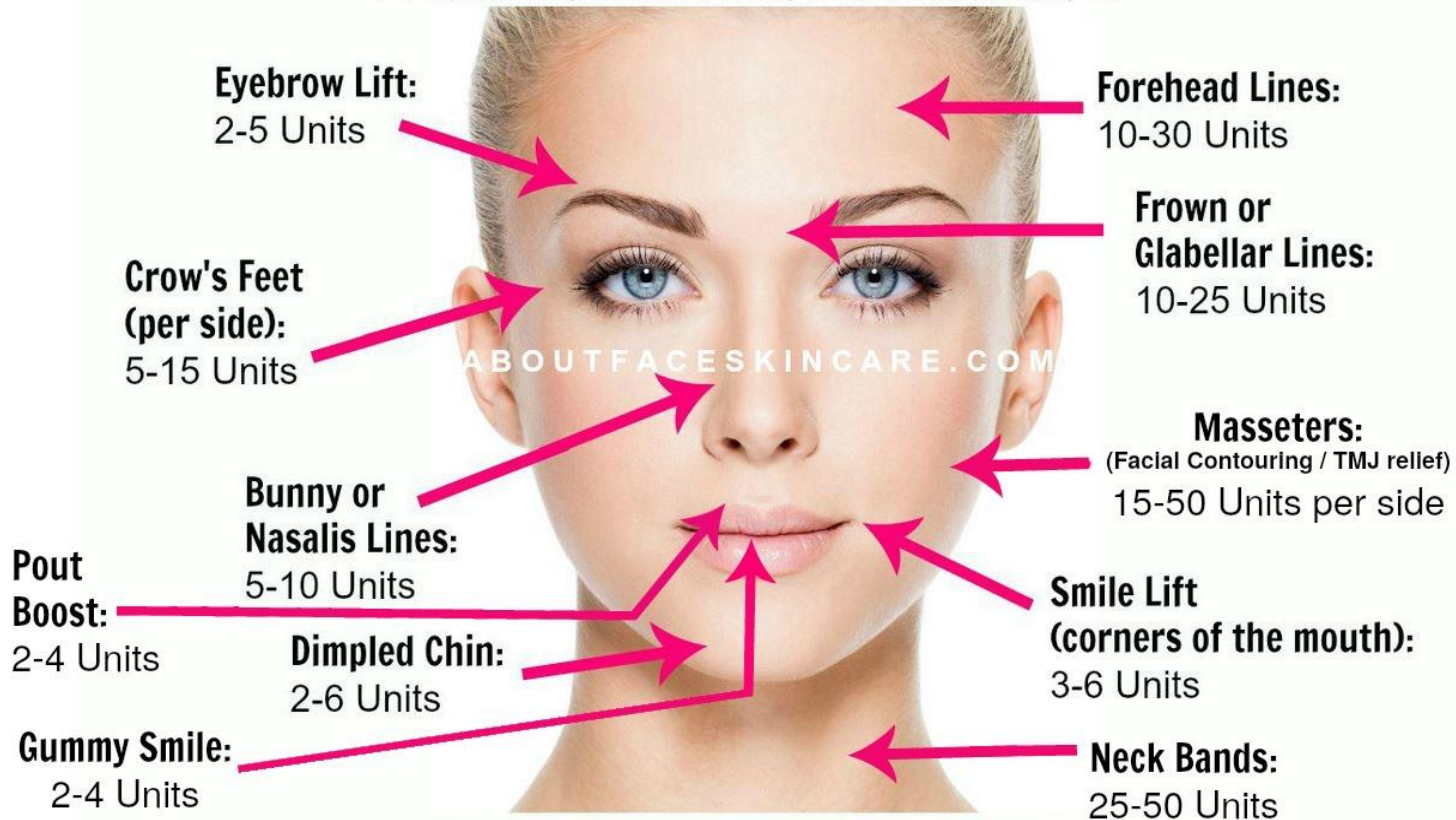
Pricing - What it Cost, What it Makes

- Pricing: \$10-\$15 per unit retail
- Cost: \$4-\$7 per unit depending on quantity purchased
- Patient dose depends on many things, i.e. area treated, cost for patient, what the patient wants to accomplish (frozen, natural look, etc.)
- Charge to the Patient.



How much Botox* will I need?

* For comparable Dysport doses, multiply the shown unit amount by 3x.



ABOUT FACE
skin care

Fillers (hyaluronic acid)

- Fillers replace volume loss
- Different fillers go different places depending on what you want to accomplish





Allergan Fillers

Voluma - cheeks

Vobella - lips

Vollure - Nasolabial folds

Juvederm - lips, cheeks, etc.

Juvederm Ultra - cheeks,
anywhere needing more volume



Galderma Filler

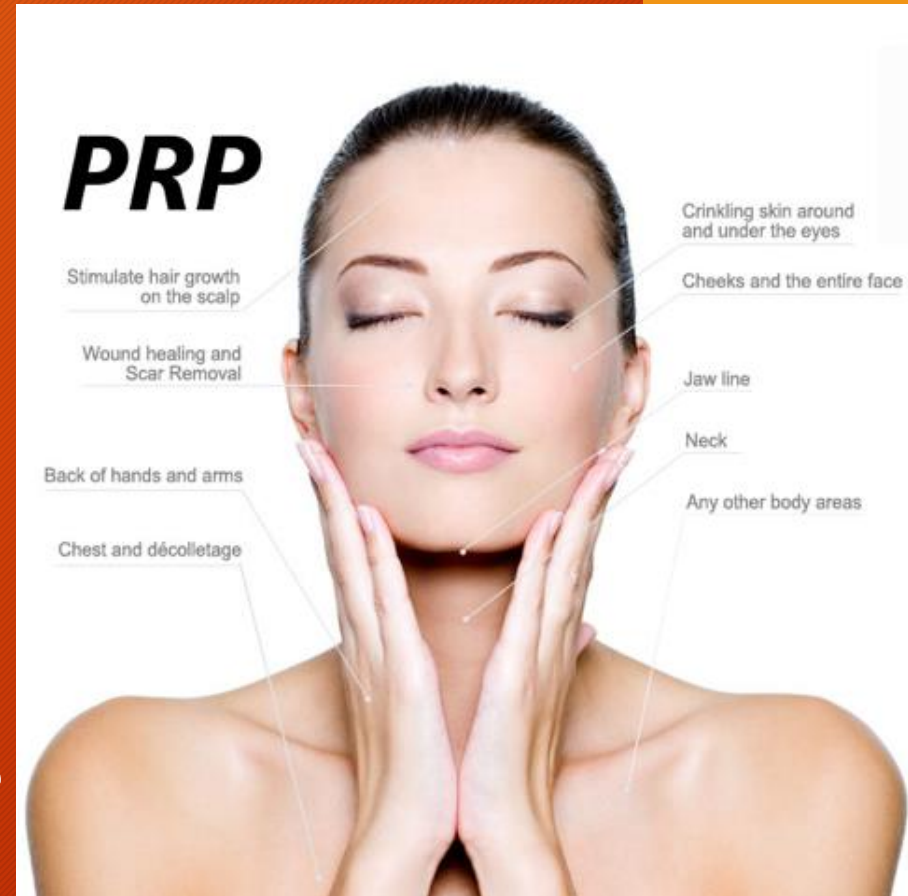
- Lyft - cheeks, anywhere you need lifting. It's a thicker filler
- Refyne - nasolabial folds
- Defyne - nasolabial folds
- Silk - lips
- Restylane - tear troughs



PRP Facial

Why use this procedure...

- Gray skin color due to loss of blood flow
- Vertical lines around mouth
- Scars from acne or trauma
- Skin texture has become less smooth
- Less expensive
- Patient cost \$1000
- Provider Expense \$150 for the kit.



PRP Facelift

What It Includes...

PRP plus fillers and/or growth factors (ambient product and/or exosomes)

Why use this procedure...

- It rejuvenates the whole face.
- Improves volume loss in cheeks, tear troughs, corners of mouth, nasalabial folds.
- Corrects asymmetry and problem areas.
- Gives more youthful looking face.
- Patient cost: \$1800-\$2000
- Provider expense: \$150 plus filler cost

Regenerative Facelift

- Options include:
- Live stem cell product (with stem cells, exosomes, growth factors, HA)
- Exosomes (amniotic derived)
- Growth Factor Product



R3 Stem Cell Offers

• Stem Cell Products

- Cryopreserved
- Lots of live cells.
- Growth factors, exosomes, cytokines, HA too.
- R3 now offers several amniotic and umbilical cord tissue options.

• Growth Factor Product

- GF's are very helpful in aesthetics.
 - Signaling to increase cell proliferation.
 - Volume
 - Increase Collagen.
 - R3 has an ambient product with shelf life of 18 months.

• Exosomes

- Extracellular vesicles - byproducts of stem cells (not cells themselves).
- Super tiny - 100nm.
- Cell to cell communicators
- They carry information packets (DNA, RNA and proteins) and promote positive immune response.
- Exosomes from young stem cells can lead to rejuvenation of a patient's older cells.
- R3 offers multiple exosome products - 10 billion to 200 billion exosomes/cc.



Polydioxanone Medithread Lifting

Why use this procedure...

- Can be used on the face, neck, breasts, arms, legs, and buttocks.
- Use when there is loose skin that needs to be tightened.
- Ideal Candidate is thin to medium face/neck that needs a lift.

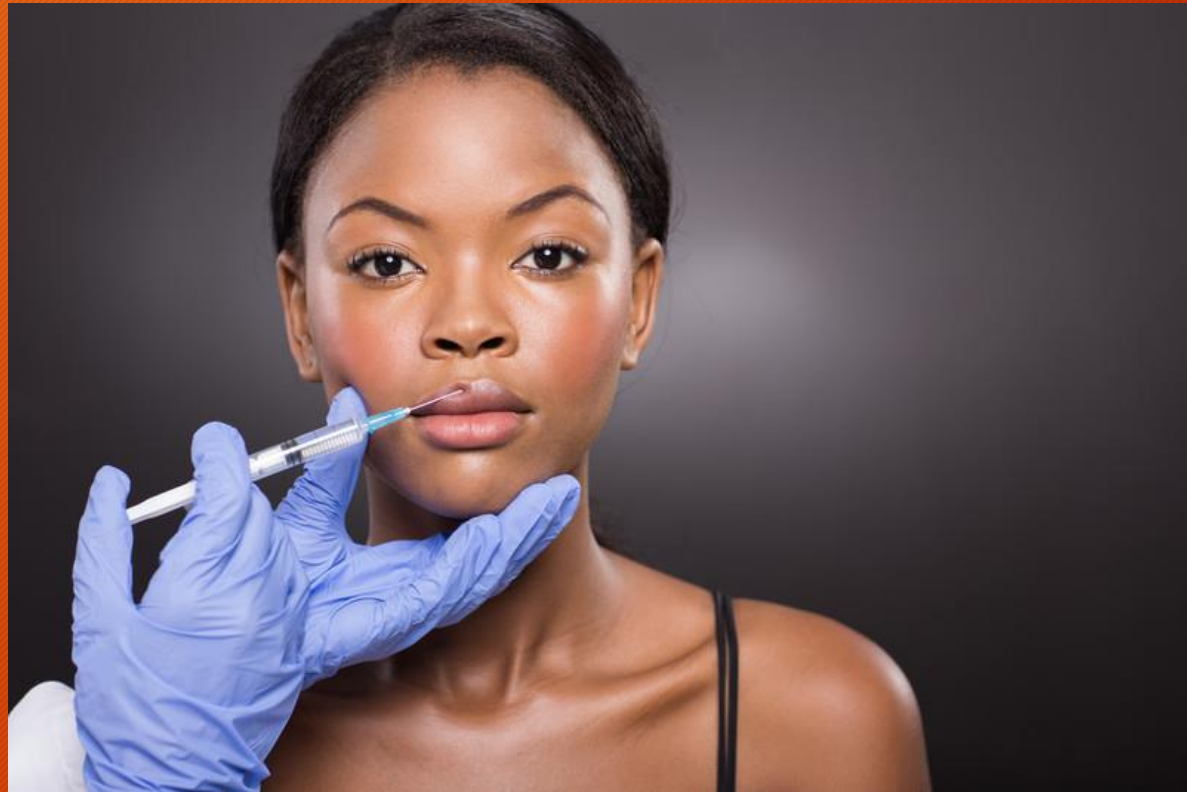


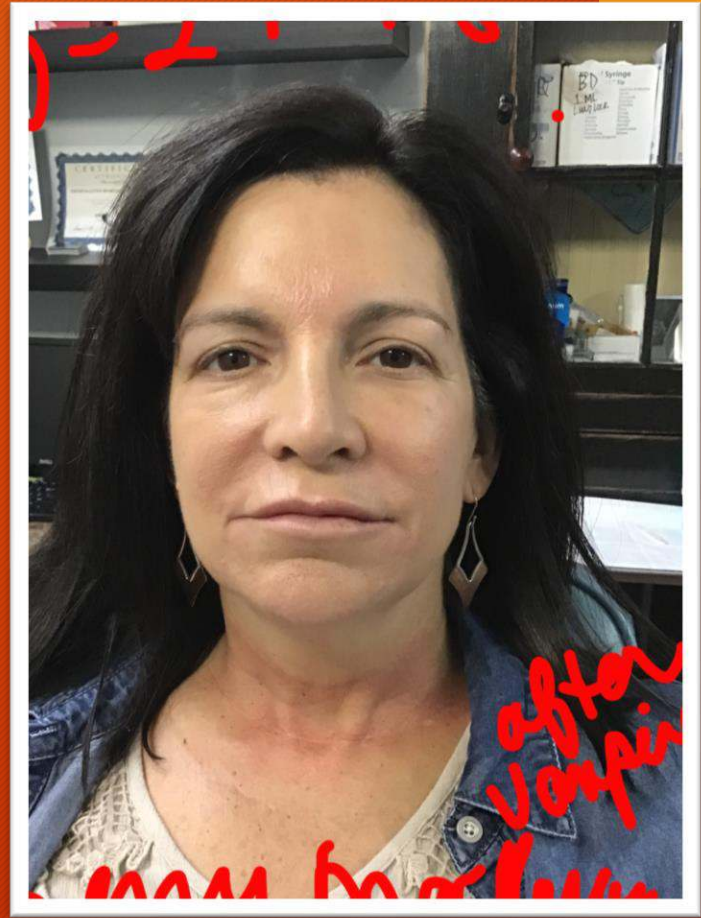
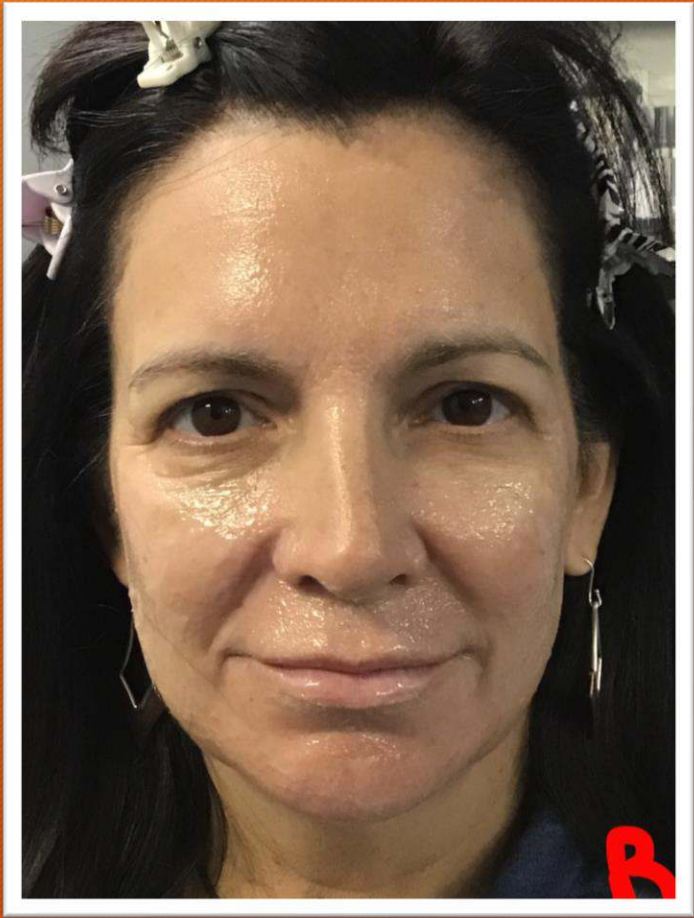
Kybella (Deoxycholic acid)

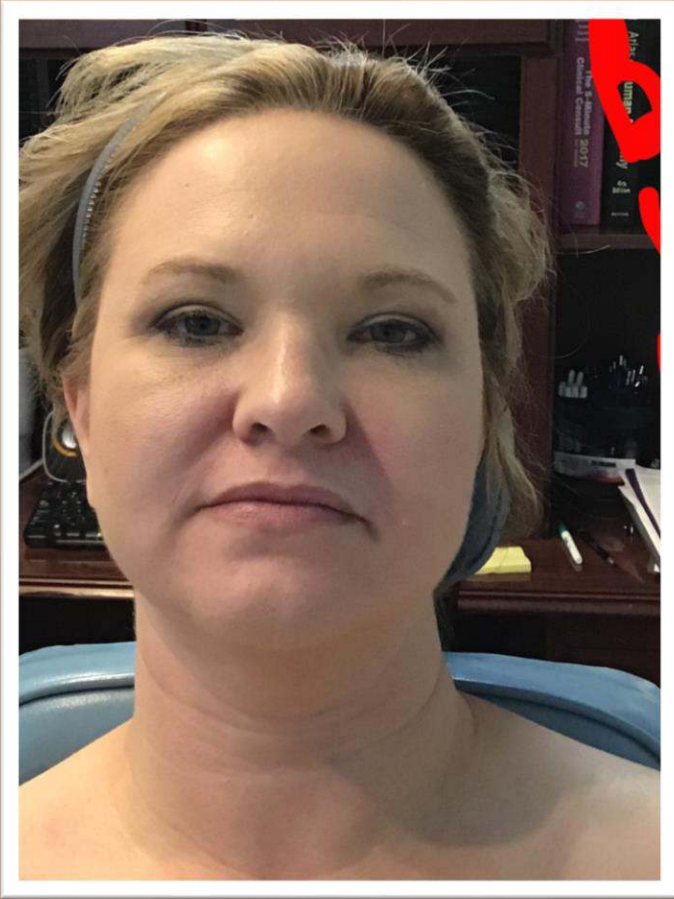
- Deoxycholic acid is an injectable medication used to dissolve fat in the submental region of the face.
- FDA approved to dissolve “double chin”
- Takes about 4 weeks to fully dissolve the fat.
- Side affects.
- Compound Generic
- Cost: \$350-\$400
- Charge to Patient

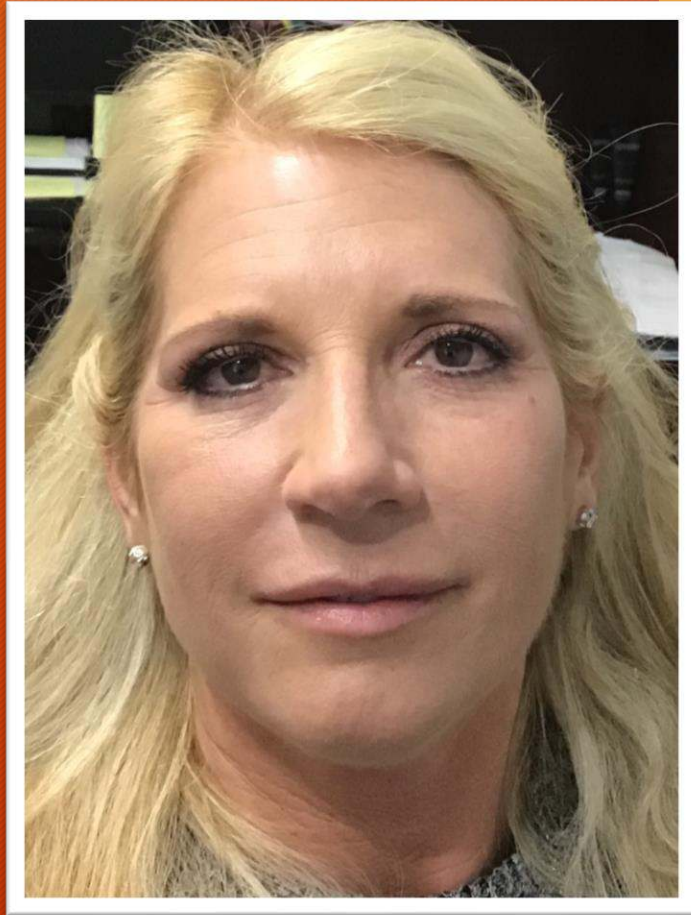
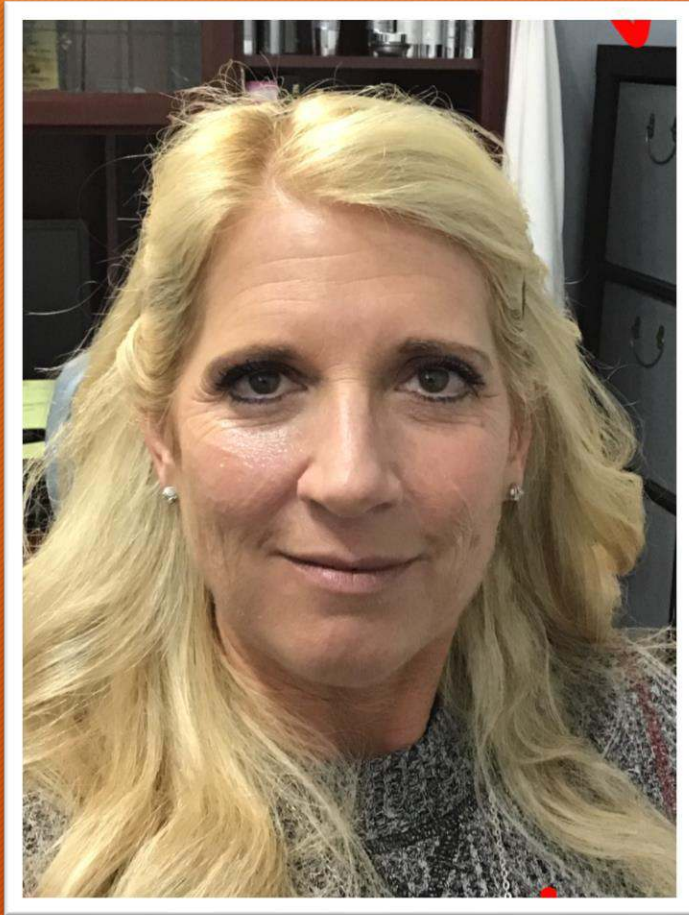


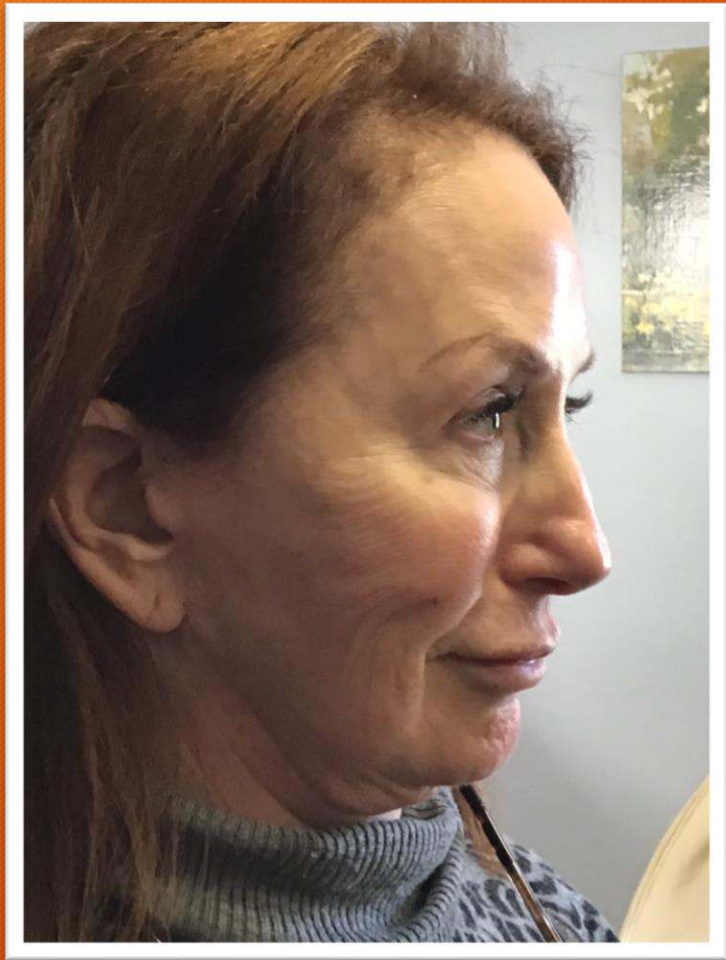
How do you evaluate a patient?

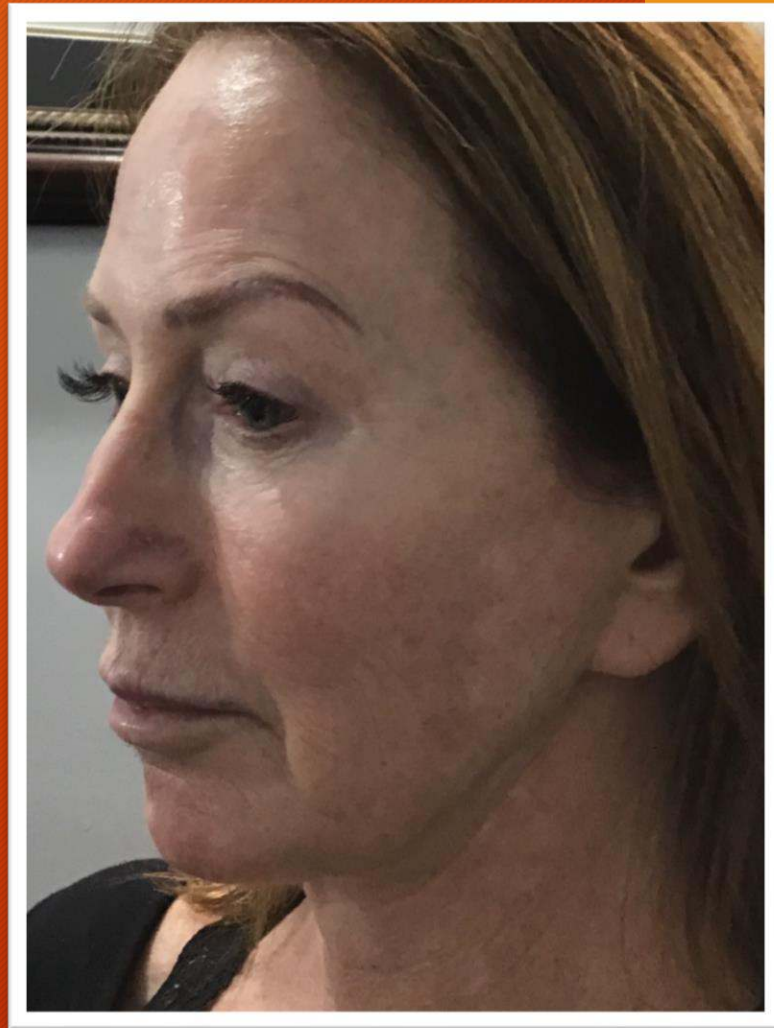
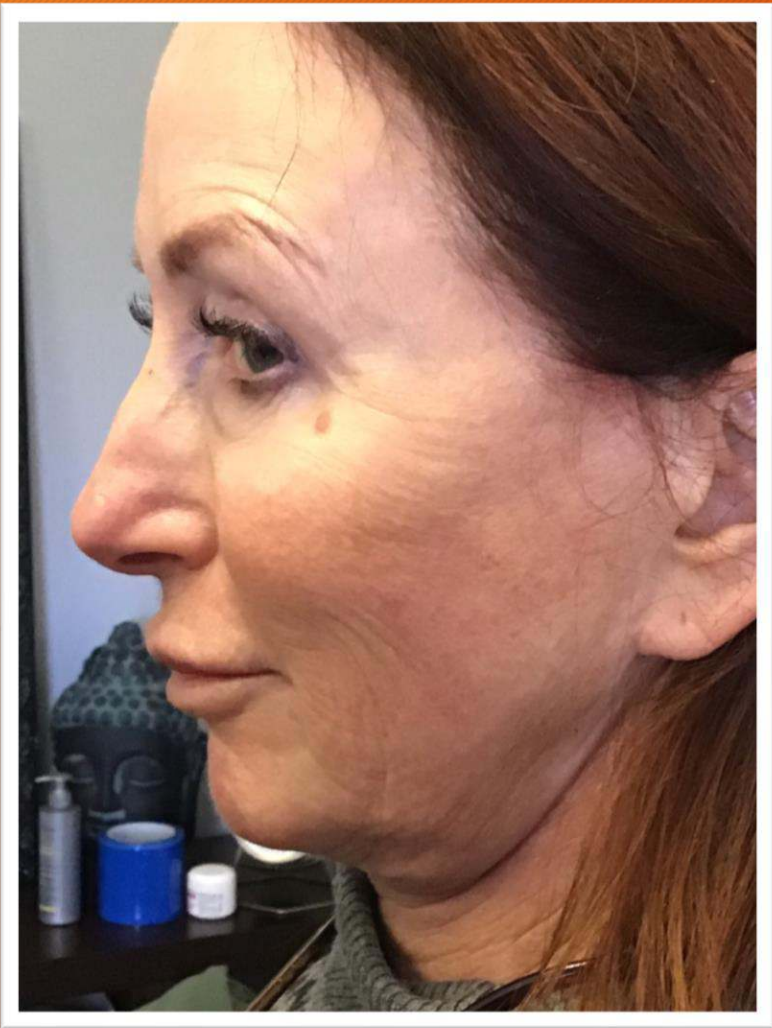


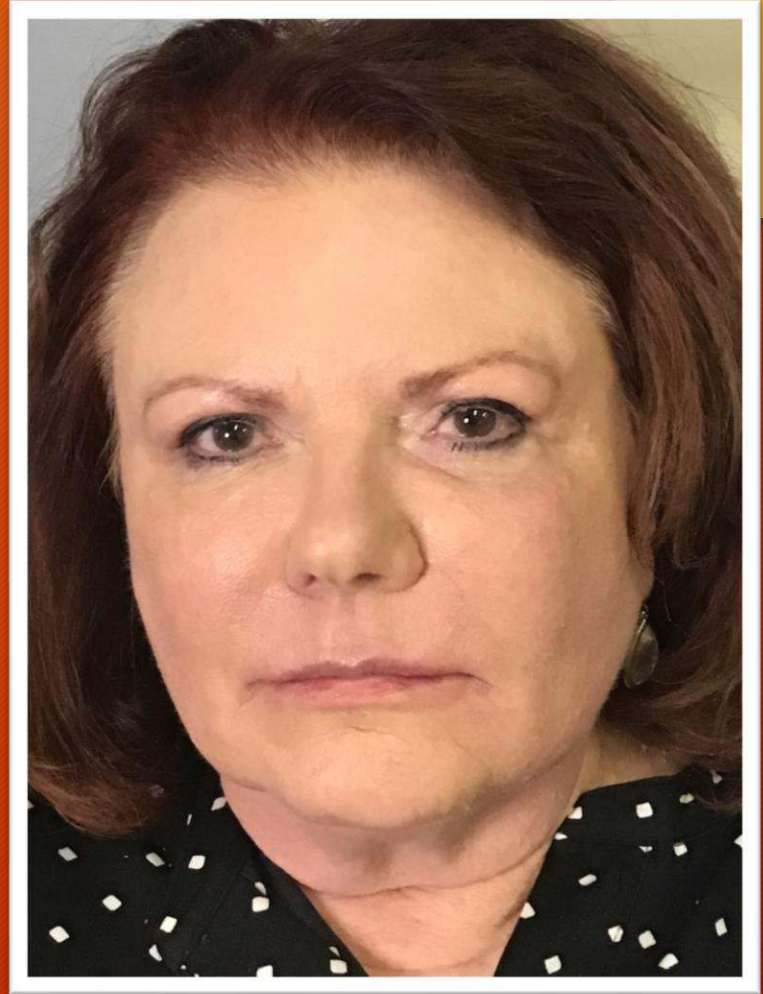
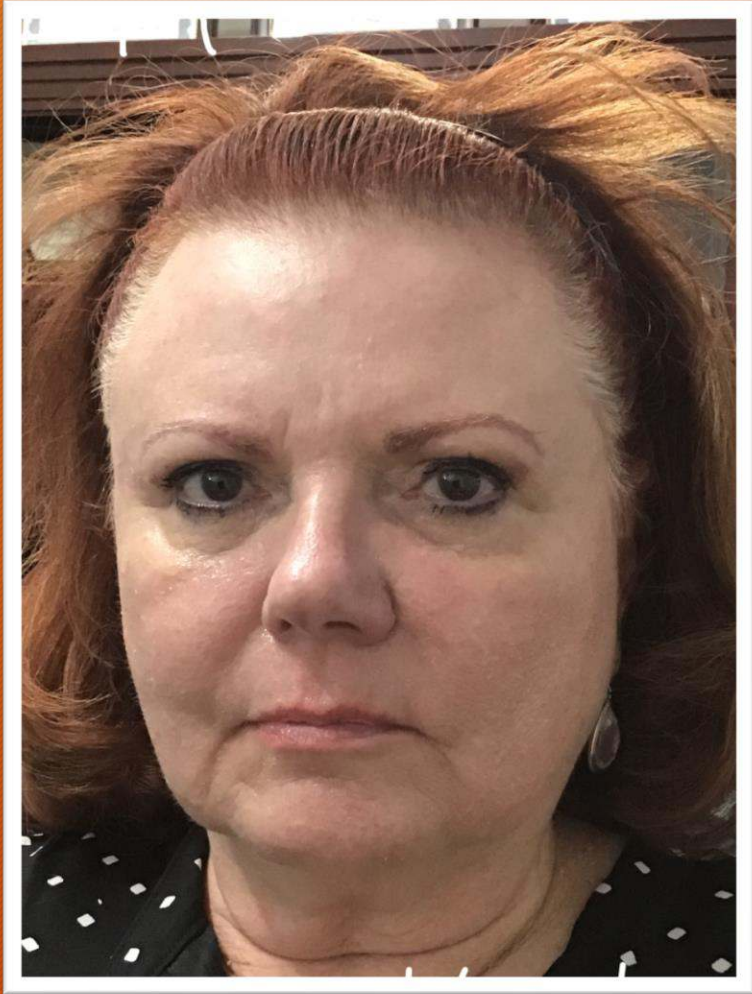


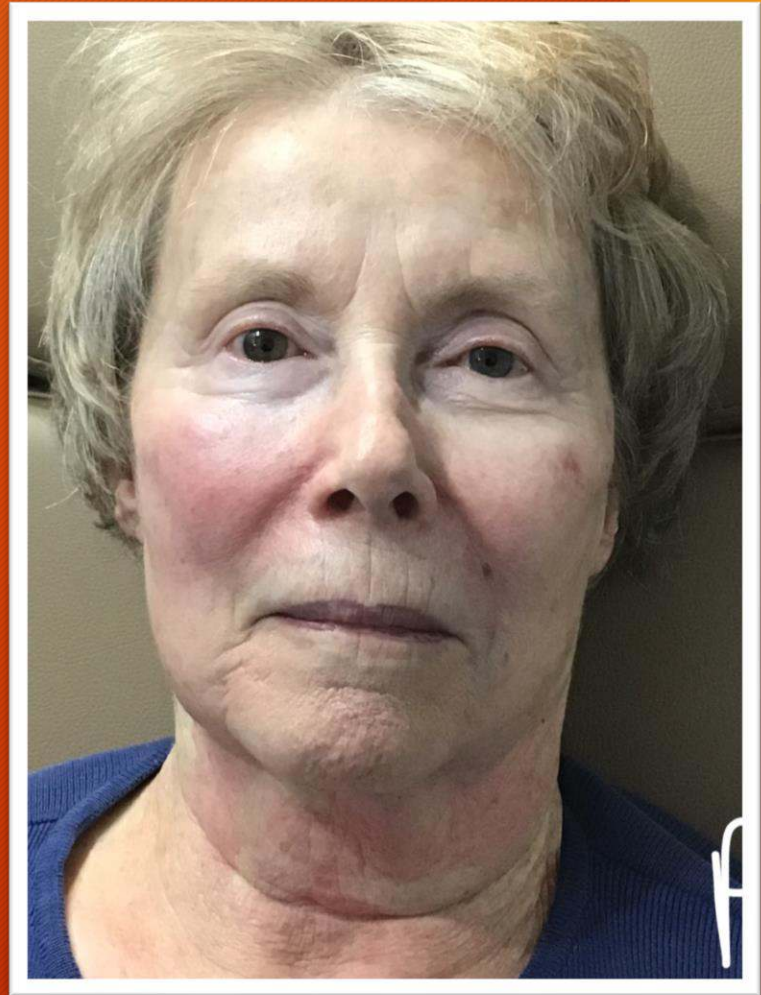


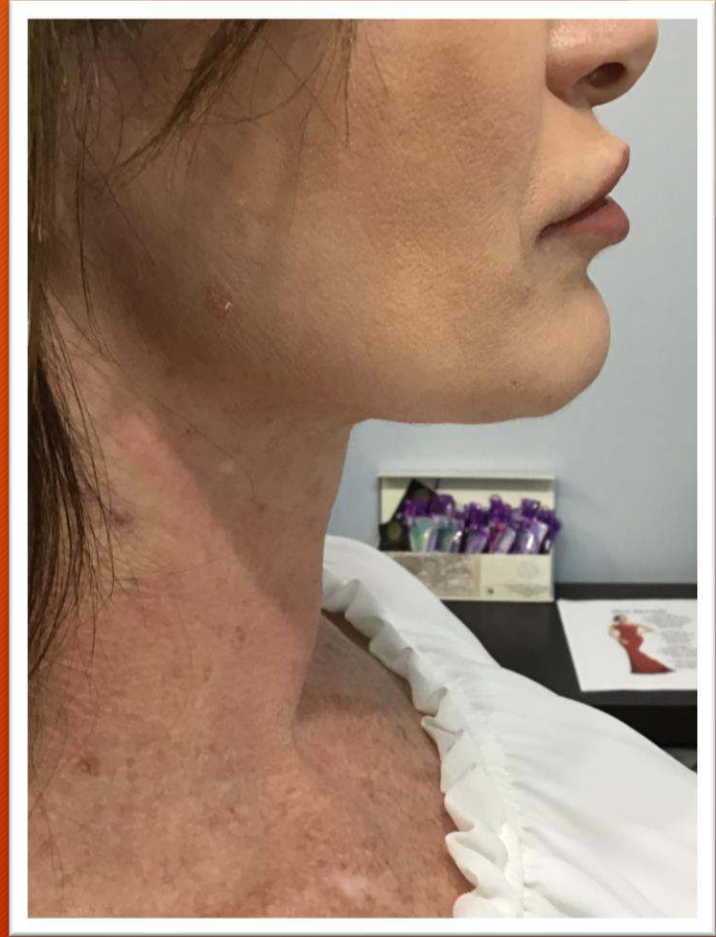


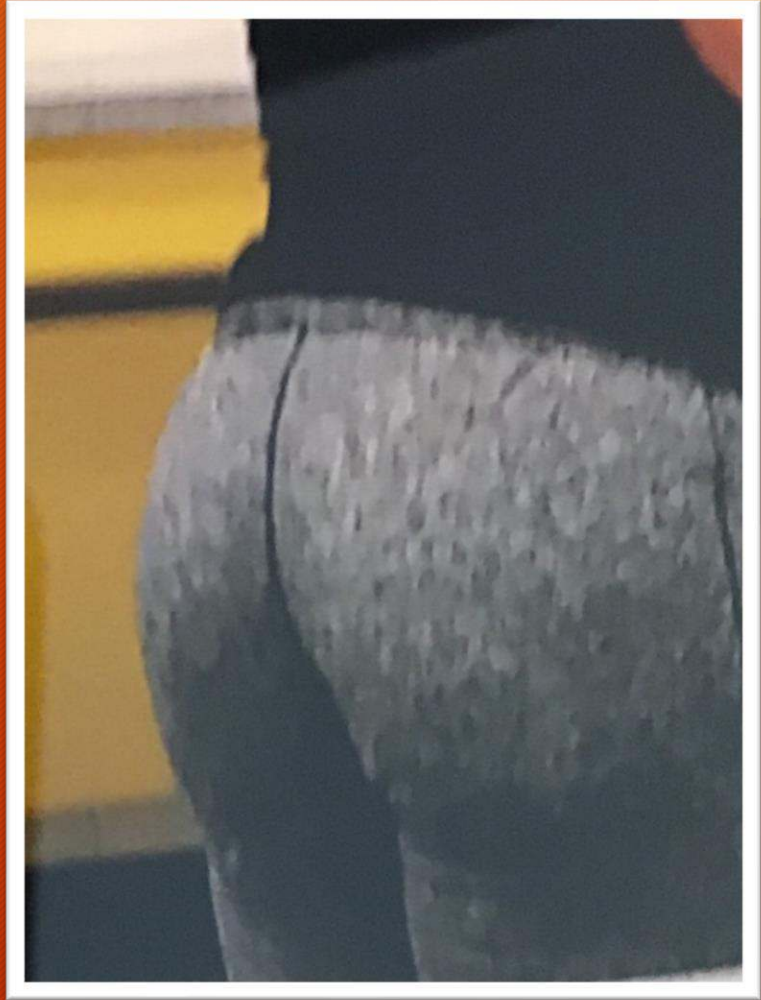








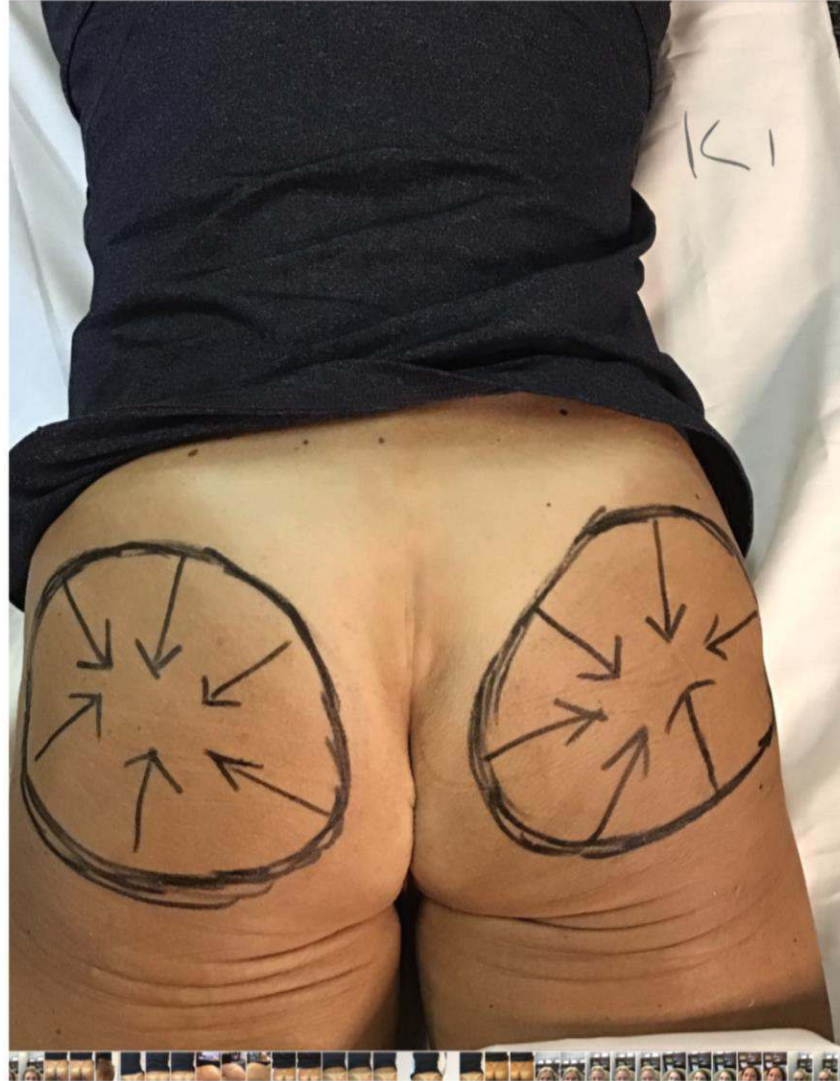




Moments

May 3
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♡ 📄 🗑️ Edit



Orgasm Platelet Rich Plasma (PRP) Shot - The O Shot

- This procedure uses PRP to help women stop urinary leaking and improve bedroom life.
- Blood is drawn from the patient.
- Prepared in a special centrifuge Pure Spin which separates out the platelets and growth factors.
- Reinjects back into the patient in the walls of her vagina and in the clitoris area.