

Yoo Direct Health

Microneedle Standard Operating Procedure (SOP)

Updated 2024

Objective: The purpose of this SOP is to outline the procedure for microneedling to establish a systematic and standardized protocol for performing microneedling procedures. This SOP aims to ensure the safety, efficacy, and consistency of microneedling treatments while maintaining high-quality patient care and achieving optimal outcomes.

Materials Required:

1. SkinPen Device
2. Accessory Box (includes tip, disposable cover & sterile water gel for glide)
3. Puracyn
4. 70% Alcohol Wipes
5. 4x4 gauze
6. BLT Cream
7. Growth Factors (if applicable)
8. 3cc/5cc syringe for advanced growth factors
9. 18g syringe for drawing up growth factors
10. Curacator (if using advanced growth factors/ PRP)

Preparation:

1. Ensure all materials and solutions are readily available and within their expiration dates.
2. Set up a clean, well-lit treatment area with appropriate seating for the patient.
3. Cleanse the face to remove all make up and topicals, after cleansing is completed. Complete a 2-4 pass using 70% alcohol (alcohol pads) to sterilize the skin microneedle
4. Educate the patient about the procedure, potential risks, and expected outcomes.
5. Obtain informed consent.
6. Review post care instructions

Procedure:

1. **Preparation of Materials:**
 - a. Put disposable cover and tip on SkinPen device
 - b. Have BLT cream available
 - c. Thaw advanced growth factors and draw up in 5cc syringe or draw blood to spin for PRF then draw up in syringe for injecting. (If applicable)
2. **Patient Preparation:**
 - a. Take clear and detailed before photos.
 - b. Apply BLT cream to clean face, neck and décolletage, allow BLT cream to sit for 15 minutes prior to initiating treatment.

- c. Cleanse the face, neck and décolletage area thoroughly with Puracyn and gauze.
- d. Offer the patient a numbing cream or local anesthesia if they prefer, to minimize discomfort during the injections.

3. Microneedling Procedure:

- a. Put on disposable gloves to maintain a sterile environment.
- b. Cleanse the area with Puracyn or alcohol.
- c. Using guidelines from microneedling device determine depth to start
- d. Put gel glide or advanced growth factor/prp onto area to be treated
- e. The protocol will be (3) passes or more of the device over the treated areas using a vertical, horizontal then circular pattern until erythema or pinpoint bleeding
- f. The device should be resting on skin allowing the head of the device to gently glide over the skin
- g. Apply remainder of growth factor- massage gently on skin
- h. At conclusion of treatment remove tip and place in sharps container
- i. Clean pen with CDI wipe

4. Post-treatment Care:

- a. Instruct patient on proper post treatment care
- b. Give patient post treatment care card
- c. Answer any patient questions

Follow-up:

1. Recommended once every 4-6 weeks for first 2 treatments. Third is based on results and desired outcome.