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Warnings

- Use only in accordance with applicable law
- Failure to follow operating instructions could result in serious injury, including (but not limited to) injury of an eye.
- Only ophthalmologists, optometrists, and their trained staff are authorized to use BlephEx®
- The BlephEx® handpiece should only be used with the BlephEx® disposable tips
- Do not insert foreign objects into the BlephEx® chuck
- The BlephEx® charging base should only be used to charge the BlephEx® hand piece.
- The BlephEx® hand piece should only be charged in the BlephEx® charging base.
- The lithium-ion battery is sealed within the unit. Do not attempt to remove or replace. Damage to the unit or injury may occur if any disassembly is attempted.
- Max electrical ratings: DC5V1A

Intended Use

The BlephEx® system is to be used only by medical professionals in a clinical setting, and is for exfoliation and debridement of the eyelid margin, from the lash line back to the orifices of the meibomian glands. It is designed to use one disposable tip per eyelid, two tips per eye. If instructions are correctly followed, the polysaccharide biofilm along the lid margin should be completely removed, thus eliminating the source of inflammatory exotoxins and lipases.
Instructions for use

1. Before initial use of your new BlephEx® device, plug your BlephEx® charging base into a USB outlet, place the BlephEx™ handpiece into the handpiece cradle and allow the device to charge for a full 24 hours. The “CH” blue light will flash when the unit is fully charged.

2. Instill numbing drops into both of your patient’s eyes.

3. Having your patient sign a consent form is recommended.

4. Ensure that the BlephEx® handpiece has had adequate time to fully charge prior to first use.

5. The use of examination gloves and protective eyewear or loops is recommended during the BlephEx® procedure.

6. Open an alcohol wipe and wipe off the top of the lift up lid of the BlephEx® charging base and allow to dry completely.
7. Pump 2-3 pumps of lid cleaning solution into the reservoir atop the lid of the tip storage compartment on the BlephEx® charging base.

8. Grasp a sterile packet of four BlephEx® tips and tear open at the designated point to expose the bi-lobed base of the sterile tip.

9. Remove the 4 treatment tips from the packet and place the sponge portion of the tips into the foam as shown.
10. After allowing the tips to soak for at least 20 seconds, load one tip into the BlephEx® stainless steel chuck as shown.

11. Loops or high plus glasses may aid in performing the BlephEx® procedure and provide eye protection at the same time.

12. Press and hold the power button for two seconds to start the BlephEx® device ("F" LED will light up). Make sure you are holding the device away from the patient upon startup so as not to spatter excess lid cleaning solution on the patient.

13. The patient should be sitting in an exam chair with their head leaning back.
14. Select an eyelid to begin. For lower lids, pull the eyelid down gently while having the patient look up. For upper lids, gently pull the lid up, while having the patient look down.

15. Apply the spinning BlephEx® microsponge to the lower lid edge and lash line to remove the scurf, debris, dead skin etc. Begin anywhere on the lid and treat the entire width of the lid margin with very firm pressure (firmer pressure is more comfortable than a light pressure), in a variable, scrubbing, swirling motion, back and forth from nasal to temporal and temporal to nasal. Be sure to treat the lash line, all the way back to the meibomian glands. Do not be concerned if you bump the eyeball. Treat in this manner for 20-30 seconds. It is normal to see excess cleaning solution on the eyeball itself, and in the fornices.
16. After completely treating the entire length of the lid, press the power button again to reverse the direction of spin. The LED “R” should now be lit. Repeat the entire process, again for 20-30 seconds on the same lid.

17. When finished with that eyelid, press the power button again to stop. Remove and discard that used tip, and reload a new soaked tip.

18. Repeat the same process for the upper lid, then discard the tip.

19. When one is completely treated, rinse thoroughly with BSS or a sterile eye wash.

Repeat #10 through #19 for the second eye.
How To Clean Your BlephEx® Unit

Remove any excess cleansing foam. Wipe down the charging station tray and cradle with an alcohol pad. Use an alcohol-soaked cotton swab in hard to reach corners. Dry the charging station thoroughly.

Maintenance of Your BlephEx® Unit

Wipe down the the top of the BlephEx charging unit with an alcohol pad between patients. Keep the hand piece and charging station in a dry location. DO NOT get the unit wet. Keep the hand piece in the charging station at all times when not in use, and keep the charging station plugged in to an electrical outlet.
Safety Instructions

- Keep out of reach of children
- Do not operate under the influence of alcohol or controlled substances
- Read and understand all instructions before operating BlephEx®
- BlephEx® is intended for use only by a medical professional in a medical setting
- Operator should always wear protective eye-wear when performing a microblepharoexfoliation (MBE) procedure
- Always hold the handpiece vertically, with the disposable tip pointing upwards and perpendicular to the lash line, so the tip spins horizontally along the lashes
- Avoid direct, prolonged contact with the eyeball
- Avoid direct, prolonged contact with the palpebral conjunctiva
- Always soak disposable BlephEx® tips in a foaming lid cleansing solution for at least 20 - 30 seconds prior to contact with the patient’s eyelid
- Always use a fresh tip on each eyelid
- Do not reuse tips
- Ensure tip fits snugly in the BlephEx® chuck prior to contact with the patient’s eyelid
- The BlephEx® handpiece spins at 2500rpm. Keep all loose clothing clear of the chuck and disposable tips during operation
- Do not expose to BlephEx® charging base or handpiece to high heat
- Do not immerse the BlephEx® charging base or handpiece in water
- Replace removable cap when BlephEx® handpiece is not in use

Do not allow the battery to completely discharge. This could cause permanent damage to the battery.
Troubleshooting

• If BlephEx® hand piece fails to start, ensure that the power symbol button is being held down for a continuous 2 seconds, then release.

• The lithium-ion battery is rated for 10,000 hours. If it fails to hold a charge, please contact the manufacturer for warranty information. Do not attempt battery removal.

Do not allow the battery to completely discharge. This could cause permanent damage to the battery.
BlephEx® handpiece and charging base.

Caution: Federal law restricts this device to sale by or on the order of a Physician or Optometrist.

Model: BH-200
Rating: DC5V1A

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