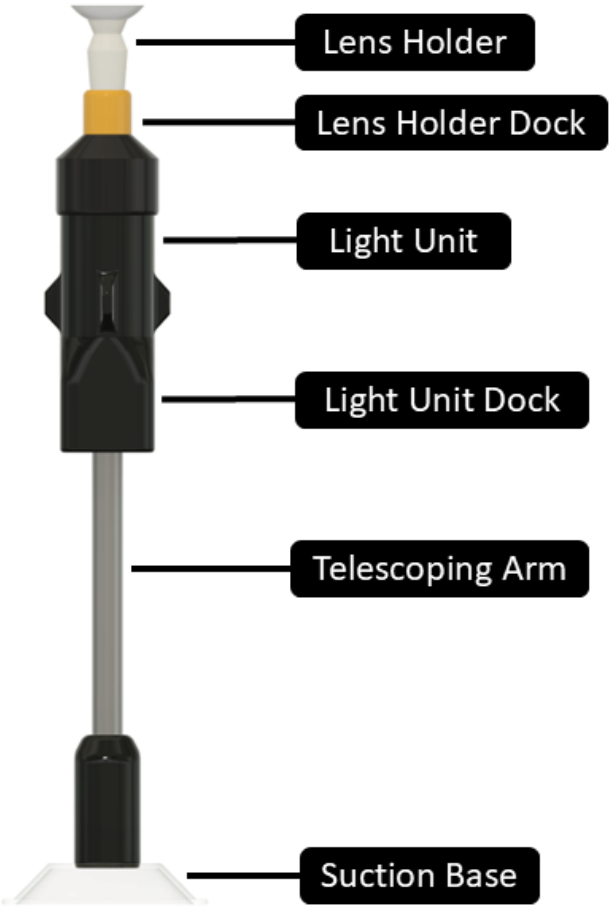
S5 Inserter™

For Scleral and Hybrid Lenses



1. **Safety precautions (Please read before use) …… Page 2**
2. **Warranty information ……..…. Page 2**
3. **A message from our founder ……. Page 3**
4. **Device description ……. Page 3**
5. **Device maintenance (Please read before use) ……. Page 4**
6. **Instructions for lens insertion ……. Page 5**
7. **Demonstration video ……. Page 15**
8. **Join our online community ……. Page 16**

©2025 Augmented Vision Labs, LLC

Safety Precautions

1. Please consult with your eyecare provider for instructions on how to clean and maintain your lenses. Your doctor will recommend the appropriate lens cleaning and maintenance products that you should use with your lenses.
2. **If you experience pain or a decrease in the quality of your vision after using the S5 Inserter™ stop using the device and contact your eyecare provider immediately.**
3. **Lens Holder:**
    a. **Please read the insert provided with the lens holder before using it.**
    b. **ALLERGY NOTICE:** The lens holder provided with the S5 Inserter™ (known as the DMV® Vented Scleral Cup™ SynergEyes® Model) **contains latex**.
    c. The lens holder provided with the S5 Inserter™ is only intended for use in lens insertion. **Do not use the provided lens holder during lens removal.**
    d. **CHOKING HAZARD:** Please keep the lens holder out of the reach of children.

Warranty Information

Your S5 Mini™ comes with a 1-year warranty which covers the replacement of any components that fail to operate due to a manufacturer defect. Register your device at https://augmentedvisionlabs.com/warranty/ or by clicking the button below.

Register your device

©2025 Augmented Vision Labs, LLC

A MESSAGE FROM OUR FOUNDER

Thank you for purchasing the S5 Inserter™. I developed this device to eliminate the frustration that my patients faced with inserting their scleral and hybrid lenses. My goal is that it will do the same for you. To ensure that this happens, I'm making myself available 7 days a week to help you learn how to insert your lenses safely and efficiently.

Please reach out to me if you are not successful with inserting your lenses on the first day of using your S5 Inserter™. I will work with you to find the root cause of the challenges that you are experiencing. I will then share specific tips that will help you overcome those challenges. We are proud of the fact that 100% of S5 Inserter™ users who have reached out to us are now able to successfully insert their lenses. I wish you great success as you begin using your device.

Best wishes,

Dr. Fayiz Mahgoub, OD
Founder, Augmented Vision Labs, LLC
Email: support@augmentedvisionlabs.com
Cell: +1-970-402-5789

DEVICE DESCRIPTION

The S5 Inserter™ was designed to make struggling with scleral and hybrid lens insertion a thing of the past. By holding your lens in place, your device allows you to have two hands available to hold your eyelids open. This will allow you to counter the human blink reflex which is often triggered when the lens is on or near the eye. The LED light will help you accurately align your eye with the center of your lens during insertion. This will help reduce accidental spilling of the saline solution due to misalignment between your eye and the lens. As a result, you will be able to insert your lenses in fewer attempts, with fewer air bubbles and less frustration.

©2025 Augmented Vision Labs, LLC

Device Maintenance

1. Please clean the rubber lens holder with an alcohol wipe before every use and allow it to dry completely before placing a lens on it. The lens holder should be replaced at least once every 3 months.

2. **Immediately after inserting your lenses, please take a moment to remove any liquid that may have spilled onto your device. Do not disconnect the light unit from the telescoping arm until after you have dried the outside of the light unit with a paper towel. This will help prevent water from getting into the electronic components of your device.**

3. Please make sure that the storage case for your device is completely dry before storing the device in it. If you store containers that hold liquids (ex. contact lens cases) in your case, please ensure that they are securely closed to prevent liquid damage to your device.

    a. We recommend cleaning the outside of your device as well as the inside of your storage case **at least once per week** with alcohol wipes. After cleaning, make sure that all parts are completely dry before storing them.

4. The bottom of the suction base should be cleaned periodically with an alcohol wipe to ensure maximum suction.

5. Charging the light unit:

    a. When you notice the light becoming dim, it's time to charge the light unit.

©2025 Augmented Vision Labs, LLC

i. Locate the USB port on the bottom of the light unit.

ii. Connect the female end of the provided USB extension cable to the bottom of the light unit.

iii. Connect the male end of the cable to a desktop or laptop computer.

b. The light unit will reach a full charge after 1 hour of being plugged in.

INSTRUCTIONS FOR USE

BEFORE LENS INSERTION

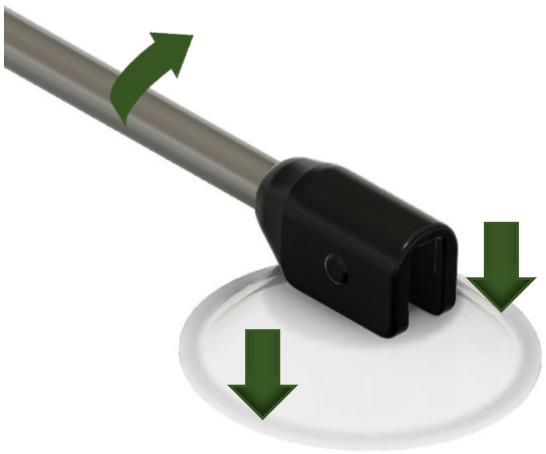
1. Place the suction base on a smooth, flat surface. Ensure that both the bottom of the suction base and the surface are clean and dry.

2. Hold down the outer edge of the suction base while pulling metal telescoping arm upward until it locks into place in the vertical position. This will engage the suction of the base.

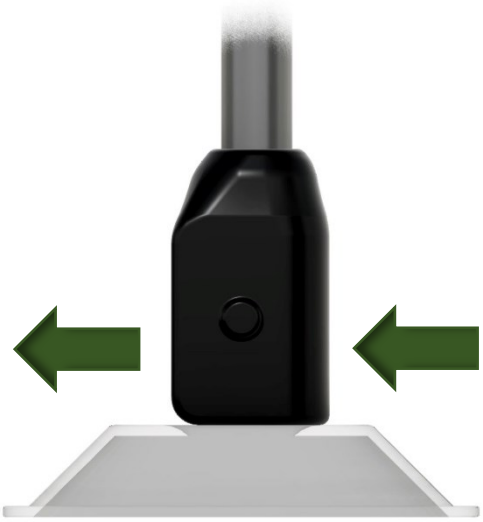
©2025 Augmented Vision Labs, LLC

3. Once the telescoping arm is in the vertical position, slide the base of the arm forward for increased stability (see picture below).

Step 2



Step 3



4. Extend the telescoping arm to the desired height.

    a. **We recommend that you keep the height as low as possible when you are first learning to use the device to reduce the chance of your lens being accidentally bumped off the lens holder and falling from a high distance. This could cause the lens to become lost or damaged. When you become confident in your ability to consistently insert the lens without it falling, you can increase the height to your preferred height for lens insertion.**

5. Screw the light unit into the light unit dock.

©2025 Augmented Vision Labs, LLC

6. Insert the rubber lens holder into the orange lens holder dock.

Step 5



Step 6



7. Wash your hands with a scent-free, moisturizer-free soap for 20 seconds and dry them with a lint-free towel.

8. Clean the rubber lens holder with a disinfecting alcohol wipe.

    a. **Allow the lens holder to dry completely before placing your contact lens on it.**

9. Clean the upper segment of the light unit (the part that twists) with a disinfecting alcohol wipe.

©2025 Augmented Vision Labs, LLC

a. You can use the same wipe that you previously used to clean the lens holder.

10. Twist the top half of the light unit counterclockwise to activate the light.

11. Inspect your lens to make sure it is clean and free of damage then place it on the rubber lens holder.

    a. It is recommended to rinse your lens with preservative free saline if it was previously stored in a multi-purpose cleaning solution.
    b. If your lens has a black dot that is used for positioning your lens, please make sure that the dot is placed at the position recommended by your doctor (example: place the black dot at the 6 o'clock position).

12. Fill the lens bowl with a preservative-free saline solution that is approved by your doctor.

    a. Add saline until the level rises **above** the edge of the lens.

LENS INSERTION

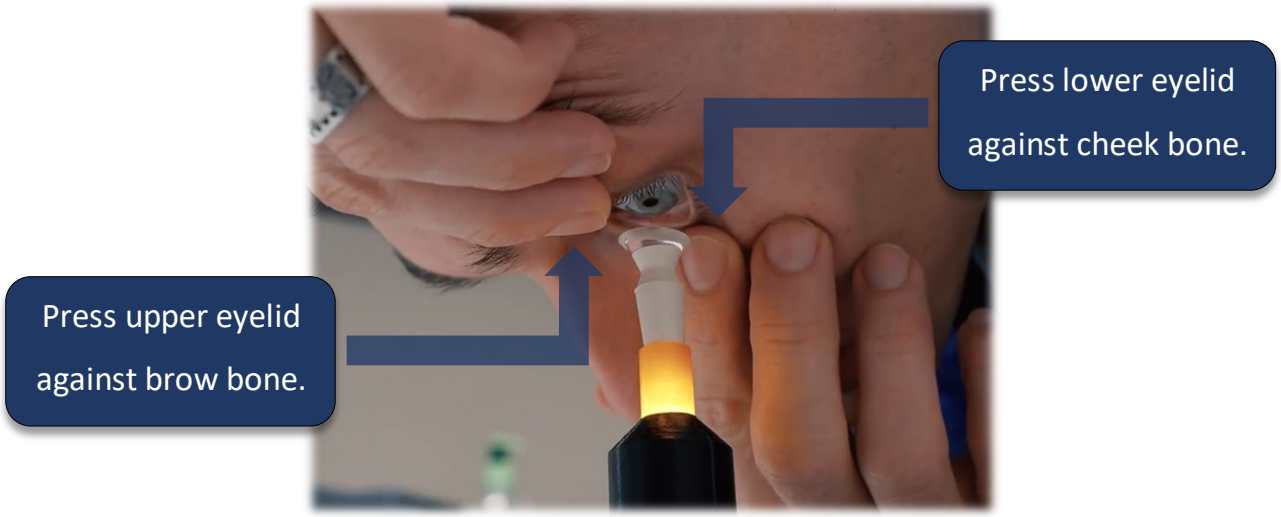
1. Place your head directly over the lens, making sure that your head is level with the surface that your device was placed on. Your chin should be tucked in toward your chest.

2. Use both hands to firmly hold your upper and lower eyelids open.

©2025 Augmented Vision Labs, LLC

a. **Tip #1:** Place your fingers as close as possible to your eyelashes (<u>without touching your eyelashes</u>) to get the best grip on your eyelids.

b. **Tip #2:** Pull your upper lid upward and pin it against your brow bone by pressing your finger in towards your face. Pull your lower lid down and pin it against your cheek bone by pressing your finger in towards your face. See the picture below for an example of what this should look like.



3. **<u>Keep both eyes open</u>** and slowly move your head down toward the lens until your eye makes contact with the lens.

   a. Tip #1: Focus on the light as you move closer to the lens. The light will look perfectly round if you are lined up with the center of the lens. **<u>If the light does not look round, you will need to adjust the position of your head until it becomes round.</u>**



b. **Tip #2**: The first thing you will feel is your eye touching the saline solution. **Do not slow down when you feel the saline. Keep going at the same pace until you feel the pressure of the lens being pressed against your eye.** It is normal for saline to spill out of the lens bowl during this process.

4. Once you feel the pressure of the lens being pressed onto your eye, move your head up and away from the device and **slowly** release your eyelids.

5. Twist the top half of the light unit clockwise to turn the light off.

6. For your second eye:

    a. Repeat steps 10 through 12 in the "**Before Lens Insertion**" section to prepare your second lens for insertion.

    b. Repeat steps 1 through 5 in the "**Lens Insertion**" section to insert your second lens.

©2025 Augmented Vision Labs, LLC

7. After inserting your lenses, please take a moment to check for air bubbles.

    a. Cover one eye at a time to see if you can notice any air bubbles in your line of sight.
    b. You can also use a mirror to inspect the lens on your eye and check for air bubbles. Shining a flashlight on your face will help provide better lighting.
    c. <u>If air bubbles are present, you must remove the lens and re-insert it.</u>

©2025 Augmented Vision Labs, LLC

How did it go?

I successfully inserted my lenses 😀

Congratulations! You can expect lens insertion to get easier and faster as you continue to practice. Please contact us if you find that you are no longer making progress. We will work 1-on-1 with you to share tips that will help you insert your lenses on the first try.

I cannot insert my lenses 😔

Please contact us! We will work 1-on-1 with you to identify the root cause of your challenges and help you overcome them. We are here for you 365 days a year including, nights, weekends and holidays. **100% of S5 Mini users who contacted us have learned to insert their lenses successfully.**

Call/Text us at: +1-970-402-5789

Email us at: support@augmentedvisionlabs.com

We are here to help you 365 days a year!

©2025 Augmented Vision Labs, LLC

AFTER LENS INSERTION



Please carefully follow the instructions below to keep liquid away from the electronics of your device. Following these instructions will extend the operational life of your device.

1. Remove the rubber lens holder from the light unit.

2. **Keep the light unit connected to the telescoping arm and dry off the outside of the light unit with a paper towel.**

3. Disconnect the light unit from the telescoping arm.

4. Additional drying for the light unit:

    a. Turn the light unit upside down to get rid of any liquid that has built up inside the orange lens holder dock. Use a paper towel or a q-tip to soak up any liquid remaining in the lens holder dock after draining.

    b. If you see liquid on or near the USB port of the light unit, soak it up with a paper towel or a q-tip. If there is no liquid on the USB port, then please avoid touching it.

5. Detach the base:

    a. Collapse the telescoping arm down to its shortest height.

©2025 Augmented Vision Labs, LLC

b. Push the telescoping arm to the horizontal position to break the suction of the base.

    i. If the suction doesn't release right away, it may be necessary to use a fingernail or a plastic card to separate the edge of the base from the surface that it is suctioned to.

6. Drying the telescoping arm and base:

    a. Turn the telescoping arm upside down and shake well to remove any liquid that is trapped between the segments.

    b. Extend the telescoping arm to its full length and use a dry paper towel to remove all remaining moisture on the telescoping arm and the suction base.

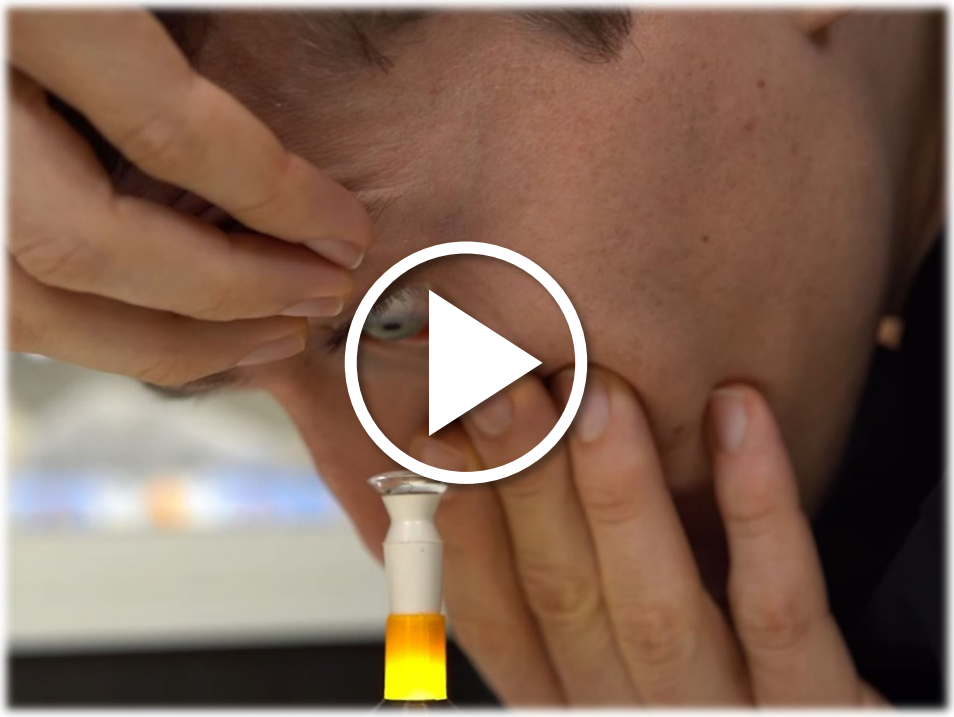
7. **Please ensure that the storage case used to store the device is completely dry before using it to store your device.** This is important for reducing the growth of microbes in the storage case as well as reducing the chance of moisture causing damage to the electronics of your device.

    a. It is recommended that you use alcohol or another disinfecting solution to clean the inside and outside of your storage case **at least** once per week. After cleaning, make sure that the case dries completely before using it to store your device and lens accessories.

©2025 Augmented Vision Labs, LLC

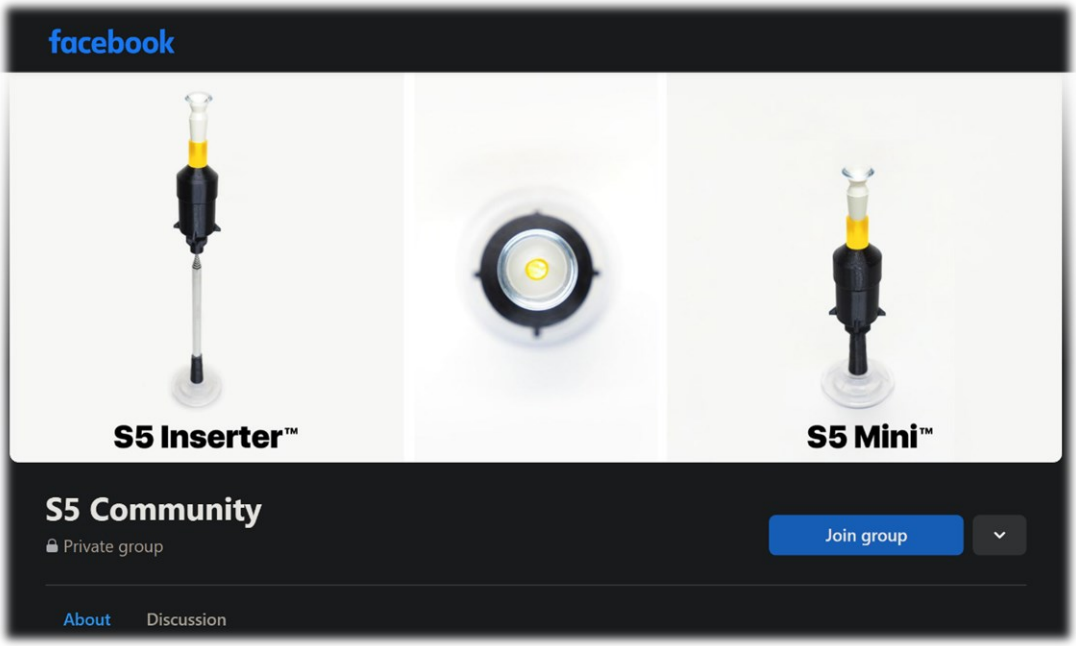
DEMONSTRATION VIDEO

We created this video to give you a visual demonstration of good techniques for lens insertion. **Please read the complete set of instructions in this manual before watching the video.** This manual contains important tips for lens insertion and device maintenance that are not included in the video.



©2025 Augmented Vision Labs, LLC

Join our online community!



Reasons to join:

- Receive encouragement and support from fellow members.
- Learn valuable life hacks that make living with contact lenses easier.
- Discover the latest developments in contact lenses based on newly published research.

Join group

©2025 Augmented Vision Labs, LLC