



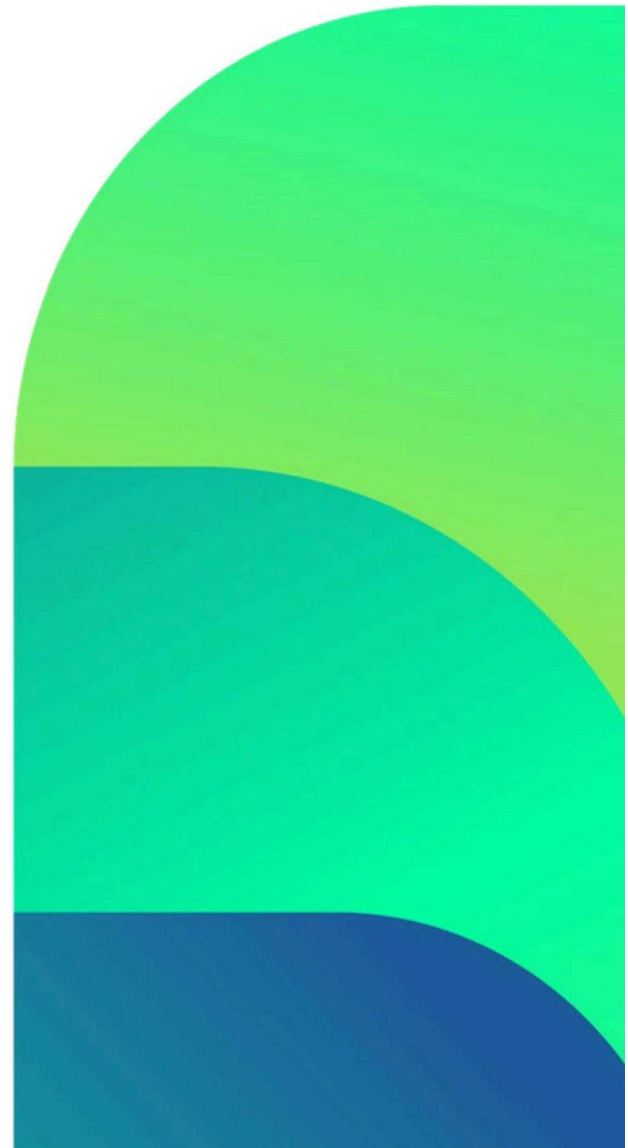
**InSight**<sup>vr</sup>  
by **GreenMan**

# **CLINIC STAFF INSTRUCTIONS + PREP**

Step-by-step Instructions for  
InSightVR Headset, Controller,  
Checklist, and Patient-facing  
Scripts for Technicians

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10/14/2025  
InSightVR Management



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# InSightVR System Setup and Shut Down

## Daily Setup



Turn on computer and headset each morning. Ensure the system is charged and calibrated.



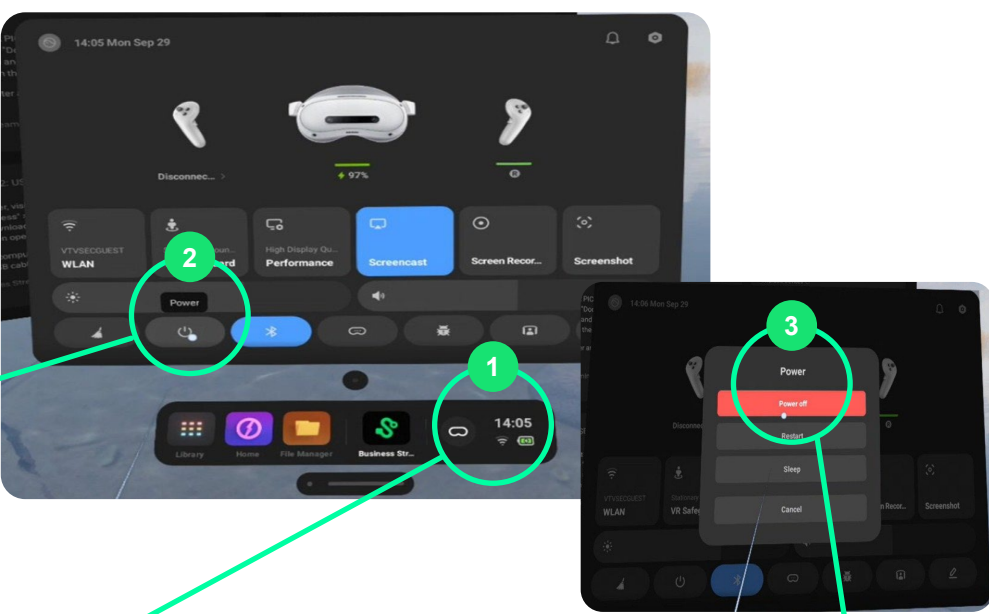
Clean the headset.

Note: Refer to Troubleshooting & Device Care document for further instructions.

Note: GreenMan InSightVR experience should take place prior to dilation for patients best visual example.

## Daily Shut Down

Navigate to the Control Center Menu by selecting the time in the lower right corner of the home screen, then select Power, and Power Off



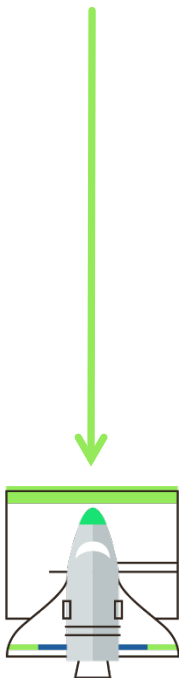
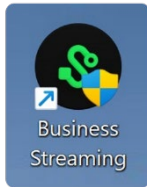
2. Select Power

1. Navigate to the Control Center

3. Select Power Off

# InSightVR System Setup

## Accessing the VR System

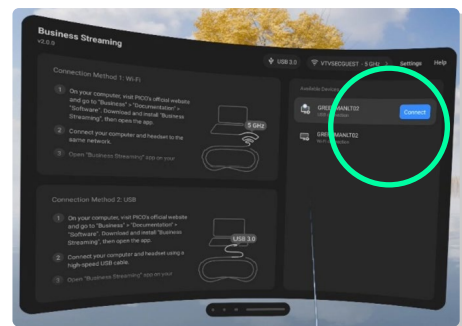
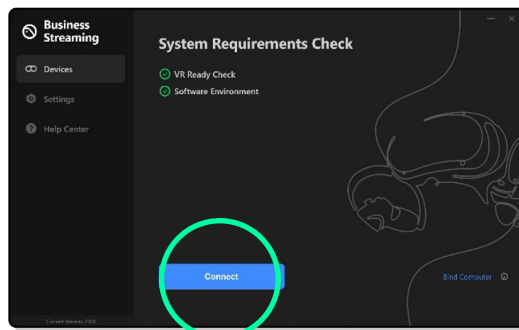
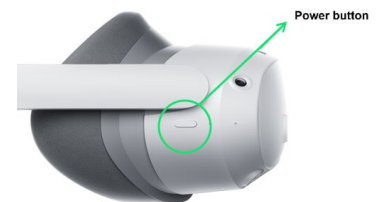


### Computer Setup:

- Turn on computer and login
- Open the Business Streaming App and connect

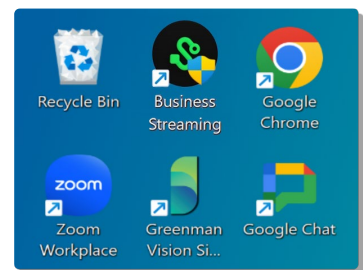
### Headset Activation:

- Power on headset by pressing power button on the right side of headset
- With headset on, select to connect to computer via USB connection



### Program Launch:

- On computer desktop, select InSightVR program icon to launch



## Controller Usage



Wake the controller by pressing any button.  
Point and click using the controller.

# Patient Preparation - InSightVR Experience

## Talking Point - Setting the Stage



### Talking Points

Ask if the patient has any experience with Virtual Reality; gauge their comfort level and explain how the headset will fit and that they will be able to turn their head and look around the VR environment. Let patients know that if they feel sick or uncomfortable at any point, we can remove the headset and stop the experience.

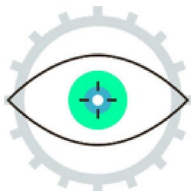
## Headset Preparation and Adjustment



### 1. Biometry Readings (Argos/Lenstar)

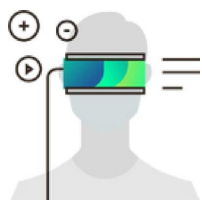
- Enter biometry readings from Argos or Lenstar into InSightVR program

OD	(Right Eye)	(Left Eye)	OS
Pre-Op	02/16/2025 09:47	Pre-Op	02/16/2025 09:47
K1	46.300 @177°	K1	46.320 @107°
K2	44.820 @90°	K2	44.820 @90°
N/A	2.20mm / 46.140	N	1.075 / 46.120 / 46.120
AX	45.170 @181°	CT	45mm
AX	45.170 @181°	CT	45.170 @181°
AX	45.170 @181°	CT	45.170 @181°
A	24.28mm	AX	24.27mm
ASD	1.73mm	ASD	1.73mm
APD	12.25mm	APD	12.25mm
	R: 2.75mm N: 4.02mm N: 4.27mm		R: 2.75mm N: 4.02mm N: 4.02mm
PC	NA/NA @ 90°   12.0mm	PC	NA/NA @ 90°   12.0mm
Post Adjustment	No Post Adjustment	Post Adjustment	No Post Adjustment
Residual Rx	NA	Residual Rx	NA
Circle Diameter	None	Circle Diameter	None
Single / Pair / Multi (Contact Removal)	PC Lens in Bag	Single / Pair / Multi (Contact Removal)	PC Lens in Bag



### 2. Loose Lens Placement

- Place loose lenses into trial frame insert at correct axis
- Set trial frame into position
- \*Tip: it may be helpful to remove the face gasket and replace once trial frames are in position



### 3. Fit Adjustment

- Adjust the headset to ensure comfortable placement by using dial at the back of goggles and over the head strap



## Patient Preparation - InSightVR Experience

### Fit Headset to Patient and Troubleshoot

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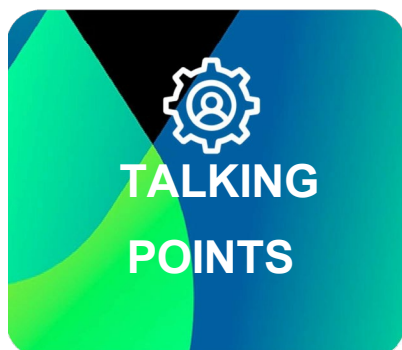
At the start of the simulation the program defaults to Multifocal IOL. This is to confirm that the headset is sitting appropriately on the patient's face, loose lenses are aligned as determined by refraction, and that biometry numbers from Lenstar or Argos have been entered correctly.



#### Potential causes of view being out of focus:

- **Headset Fit:** If headset is loose or above the head strap is not tight enough, the headset may be slipping down and causing a blurry view
- **Loose lens Insert Issue:** Perhaps the lenses shifted when placing the headset? Confirm correct lenses and axis placement. Additionally, be sure loose lenses are clean
- **Cataracts:** Kindly remind the patient that they do have a cataract inside their eyes and this will impact their experience.
- **Dilation:** If patient is dilated, they may experience an impact to their experience.
- **Pupillary Distance:** Typically, 65 is average, and is set as the default, but may require adjustment. The distance can be changed by navigating to the settings menu, then selecting pupil distance to edit as needed.
- **Computer Program:** The system is running the most advanced graphics available, but it is not as clear as reality. Remind the patient that the goal of this Virtual Experience is to give them an idea of the differences between the IOL options and that it is NOT an exact representation of visual outcome after surgery.
- **Distance between lenses and eyes:** Recommend headset be set to greatest distance to avoid contact with lashes. Confirm that the headset is appropriately set by looking inside the headset on either side of the lens along the temple.

## Talking Points - Environments



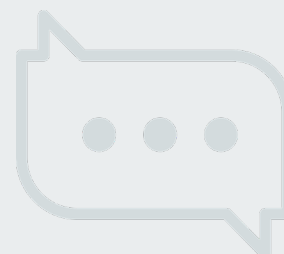
### Talking Points

This script is designed to be read by the technician while the patient is experiencing the two environments in the InSightVR program. Depending on the lenses the patient's pathology qualifies them for, the technician will read anywhere from one description to all five. Suggested scripts for each IOL category have been put together. Please customize to your clinic's needs.



**Before the patient is immersed in the headset environment, prepare the patient by reading the following:**

"The InSightVR experience demonstrates the vision you can expect from several types of cataract lens replacements, or IOLs. These lenses provide varying degrees of vision correction, which the VR headset will emulate. Keep in mind that the virtual scenes you see are designed to give you an approximate idea of the vision correction, not an exact rendition of your vision after surgery. Please be sure to focus on the virtual correction you are most comfortable with."



## Scripting During Cataract Evaluation Work Up

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SCRIPT

1

(Patient first name) - "Have you put any thought into the different lens options available with your cataract surgery?"

SCRIPT

2

"Many patients are not aware that when we take the cataract out of the eye, we have to replace it with a new one. But there are different lenses that we use, so you'll likely have some options."

SCRIPT

3

"Have you ever thought about waking up and not needing your glasses anymore?"

SCRIPT

4

"The difference between the options is whether or not you will still require glasses or contacts after cataract surgery, the doctor will go more into depth about the specifics and how each of these lenses work."

SCRIPT

5

"There are lenses we can use to get you out of glasses for both in the distance and for reading up close, there are lenses we can use to get the distance sharp without glasses and all you would need are over the counter reading glasses, then there is also a lens we use where you will still need glasses, but your vision will be much clearer."

SCRIPT

6

"While we're doing these tests, it's helpful to think about what you want your vision to be like after cataract surgery. For example, would you like to be able to see clearly without glasses as much as possible? Or do you want to continue wearing glasses like you do now? Whatever goals you do have, the doctor will help match the specific lens technology to meet that specific goal."



### Key Points

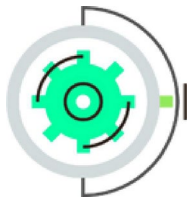
The point for having these conversations during the work-up is not to determine the specific lens the patient wants but to get them thinking and realizing they have choices.

All conversations with each patient will be different, the above are just some sample questions you can start with to get the conversation started and get the patient thinking before their exam with the OD.

# Patient Evaluation - InSightVR Experience

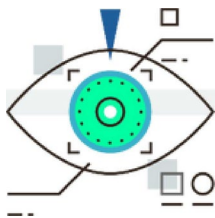
## Scripting for IOL Categories

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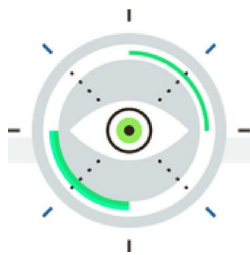
### 1. Monofocal Lens:

"This simulation shows what your vision might look like with a monofocal lens. This lens gives you clear vision at one distance - usually far - but you'll likely still need glasses for near or intermediate vision."



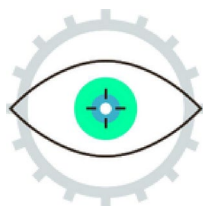
### 2. Astigmatism-Correcting Lens (Toric):

"This simulation shows your vision with an astigmatism-correcting lens. This type of lens can give you clear distance vision and correct your astigmatism. Glasses will likely still be necessary for best near and intermediate vision."



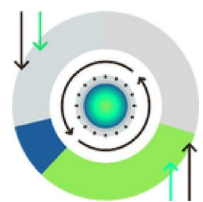
### 3. Multifocal Lens:

"This simulation demonstrates how a multifocal lens can help you see near, intermediate, and far. The goal of this lens is to reduce the need for glasses or contact lenses."



### 4. Extended Depth of Focus (EDOF) Lens:

"This simulation shows what your vision might be like with an extended depth of focus lens. This type of lens can give you a range of clear vision, so you can see near to far and everything in between. Some lens options may still require glasses."



### 5. Monovision:

"This simulation demonstrates monovision, where one eye is corrected for distance vision and the other for near vision. Your eyes work together to see clearly at different distances, but reading glasses may still be needed for smaller print."

## Patient Evaluation - InSightVR Experience

### Scripting for Nighttime City Scene

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"The next environment will simulate sitting in a convertible in the city during nighttime. Please look all around the environment and take note of the various glares and halos that the simulation will show while the lens options are cycled through again. Take note of the various lights - notice the level of glare and/or halos around them. Keep in mind that the virtual scenes you see are designed to give you an approximate idea of the vision correction, not an exact rendition of your vision after surgery."



## Basic IOL Knowledge

### Basic Knowledge of IOL Options



#### Monofocal IOL (also referred to as a traditional/standard lens)

- Patient will need glasses for clearest vision
- Covered by insurance

#### Multifocal IOL

- Clear vision at two more focal points to provide vision at near, intermediate, and/or distance
- Out-of-pocket expense for patient

#### Extended Depth of Focus IOL (also referred to as EDOF)

- Clear, continuous vision at near, intermediate, and distance
- Out-of-pocket expense for patient

#### Toric IOLs

- Available in Monofocal, Multifocal or Extended Depth of Focus options
- Treats patients with astigmatism
- May be an additional out-of-pocket expense for patient



# Thank You!

Got questions? Please contact us at [GreenManVR.com/Contact](https://GreenManVR.com/Contact)