



SynergEyes® iD Single Vision and SynergEyes iD Multifocal EDOF

SiH (petrafocon A hem-larafilcon A) with Tangible® Hydra-PEG HYBRID CONTACT LENSES FOR DAILY WEAR



CAUTION: FEDERAL LAW RESTRICTS THIS DEVICE TO SALE BY OR ON THE ORDER OF A LICENSED EYE CARE PRACTITIONER.

Important: Please read carefully and keep this information for future use. This package insert is intended for the eye care practitioner but should be made available to patients upon request. The eye care practitioner should provide the patient with patient instructions that pertain to the patient's prescribed lens.

DESCRIPTION:

SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses are manufactured from rigid gas permeable material (petrafocon A) and a poly-silicone hydrogel material (hem-larafilcon A).

RGP Material:	The central aspherical or spherical zone
Silicone Hydrogel Material:	The peripheral tangential zone
	An edge terminus smoothly joining the anterior taper to the posterior bevel

SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses for hyperopia and myopia with and without astigmatism, and presbyopia are for daily wear. The center material is a thermoset fluorosilicone acrylate copolymer derived primarily from Styrenic siloxane, aliphatic siloxane methacrylate, hexafluoroisopropyl methacrylate, hydrophilic methacrylate, cross linkers, and UV blocker, with a water content of <1%. The peripheral skirt material is a silicone hydrogel which is composed of aliphatic siloxane methacrylate, hexafluoroisopropyl methacrylate N, N-dimethylacrylamide, and cross linkers. The lenses are available as lathe cut contact lenses with a violet tint in the rigid central material. The violet material contains D & C Violet No. 2. The silicone hydrogel skirt is clear.

SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses are treated to incorporate Hydra-PEG Technology (HPT) – which is a thin polyethylene glycol (PEG)-based polymer that is covalently (permanently) bonded to the surface of the contact lens and is designed to enhance the surface properties of the contact lens while retaining the mechanical properties of the underlying material. When treated with HPT, the underlying material (petrafocon A hem-larafilcon A) is encapsulated in a thin layer of polymer that results in measurable improvement of wettability (dynamic contact receding angle) compared to untreated lenses. The resulting layer is hydrophilic and approximately 30nm in thickness. Results of coating durability studies demonstrate improved wettability (reduction of dynamic advancing contact angle vs. untreated lenses) for the SiH with Tangible Hydra-PEG Hybrid Contact Lenses after 6 months of handling. The following table depicts the enhanced contact angle of the SiH with Tangible Hydra-PEG Hybrid Contact Lenses versus the uncoated SiH Hybrid Contact Lenses:

Wettability – captive bubble contact angle (degrees) (advancing contact angle) ¹		
Lens	Average	Stdev
SiH Hybrid Contact Lenses with Tangible Hydra-PEG	21.75°	2.2
SiH Hybrid Contact Lenses (Uncoated)	33.50°	9.5

¹ Hydra-PEG coated lenses demonstrate a 35% improvement in wettability vs. uncoated lenses (n = 20). Statistically significant difference for mean contact angle with respect to lens, where the coated lenses had a lower average contact angle than the un-coated lenses (ANOVA, p=0.000).

SynergEyes iD SiH Lens Parameters Available:	RGP Center	Soft Skirt	Overall Lens
Overall Lens Diameter (D)	-	-	14.5 mm
Base Curve Radius	7.1 to 8.3 mm	-	-
Posterior Optical Zone Diameter	9.0 mm	-	-
Center Thickness Range Single Vision (for EP add 0.09 mm)	0.16 to 0.34 mm	-	-
Center Thickness Range Multifocal EDOF (for EP add 0.09 mm)	0.16 to 0.31 mm	-	-
Dioptric Powers – SynergEyes iD Single Vision	+20.00 to -20.00D	-	-
Dioptric Powers – SynergEyes iD Multifocal EDOF	+6.00 to -10.00D	-	-
Add Power – SynergEyes iD Multifocal EDOF	Low/Medium/High	-	-
Lens Properties & Characteristics:			
Refractive Index	1.442 (Nd @ 25°C)	-	-
Spectral Transmittance (D&C Violet No.2) (380nm to 780nm) *	>90%	97%	-
Wetting Angle (initial advance angle) (RGP Center)	<43°	-	-
Specific Gravity (RGP Center)	1.15	NA	-
Hardness	76	NA	-
Oxygen Permeability †	130	84	-
Overall Water Content	<1%	27%	-

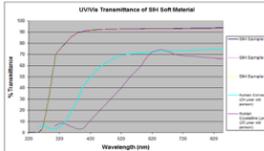
* Ophthalmic Optics - Contact Lenses - Part 3: Measurement Methods, ISO 18369-3

† Ophthalmic Optics - Contact Lenses - Part 4: Physicochemical Properties of Contact Lens Materials, ISO 18369-4

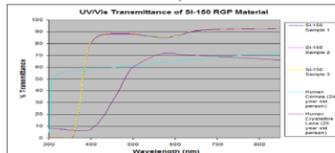
ACTIONS:

SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses act as a refracting medium to focus light rays on the retina. Transmittance of ultraviolet light through the contact lens at the thinnest lenses available (0.12mm) at power range from +20.00D to -20.00D (thinnest lenses) are as follows:

UVB (280-315nm)
RGP Center: 3.3%; Soft Skirt: 74.2%



UVA (315-380nm)
RGP Center: 18.0%; Soft Skirt: 87.7%



Ultra-Violet Transmittance Properties	UVB Transmittance (280-315nm)	UVA Transmittance (315-380nm)	Spectral Transmittance (380-700nm)
RGP Center (SI-150) + 0.5%UV Blocker	3.3% (±0.1%)	18.0% (±0.2%)	86.7% (±1.2%)
Soft Skirt SiH Material	74.2% (±0.9%)	87.7% (±0.4%)	96.7% (±0.6%)

INTENDED USE:

For daily wear to correct vision conditions in aphakic and non-aphakic, non-diseased eyes and correction of refractive error in eyes.

INDICATIONS FOR USE:

The SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses for daily wear are indicated for use in the correction of hyperopic, myopic, and astigmatic refractive error including presbyopia, in aphakic and not aphakic, non-diseased eyes. The lenses are indicated for daily wear for the correction of up to +20.00 and -20.00 D in eyes with astigmatism up to 6.00 D. For presbyopia, add powers up to +4.00 D. Eye care practitioners may prescribe the lenses for frequent/planned replacement wear, with cleaning, disinfection, and scheduled replacement. When prescribed for frequent/planned replacement wear, the lenses may be disinfected using only a chemical (not heat) disinfecting system compatible with both silicone-hydrogel and rigid gas permeable lenses.

CONTRAINDICATIONS:

DO NOT USE the SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses when any of the following conditions are present:

- Acute and subacute inflammation or infection of the eye.
- Severe insufficiency of lacrimal secretion (dry eyes).
- If eyes become red or irritated.
- Corneal hypoesthesia (reduced corneal sensitivity).
- Any systemic disease that may affect the eye or be exaggerated by wearing contact lens.
- Allergic reactions of ocular surfaces or adnexa that may be induced or exaggerated by wearing contact lens or use of contact lens solutions.
- Allergy to any ingredient, such as mercury or Thimerosal, in a solution which is to be used to care for the SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses.
- Use of ocular medications or systemic medication that may interfere with contact lenses.
- Neovascularization or ghost vessels that are ≥ 1.5 mm from the limbus.
- Any active corneal infection (bacterial, fungi, or viral).
- Any eye disease, injury, or abnormality that affects the cornea, conjunctiva, or eyelids.
- Patients unable to follow lens care regimen or unable to obtain assistance to do so.

WARNINGS:

EYE PROBLEMS, INCLUDING CORNEAL ULCERS, CAN DEVELOP RAPIDLY AND LEAD TO LOSS OF VISION. THE PATIENT SHOULD BE INSTRUCTED TO IMMEDIATELY REMOVE THE LENSES, AND PROMPTLY CONTACT THEIR EYE CARE PRACTITIONER IF THEY EXPERIENCE:

- Eye Discomfort
- Excessive Tearing
- Vision Changes
- Loss of Vision
- Eye Redness
- Or Other Eye Problem

Patients should be advised of the following warnings pertaining to contact lens wear:

- **Problems with contact lenses and lens care products could result in serious injury to the eye.** It is essential that patients follow the eye care practitioner's directions and all labeling instructions for proper use of their lenses and lens care products, including the lens case. Eye problems, including corneal ulcers, can develop rapidly and lead to loss of vision.
- Daily wear lenses are not indicated for overnight wear, and patients should be instructed not to wear lenses while sleeping. Clinical studies have shown that the risk of serious adverse reactions is increased when these lenses are worn overnight.
- Studies have shown that contact lens wearers who are smokers have a higher incidence of adverse reactions than nonsmokers.
- If a patient experiences: eye discomfort, excessive tearing, vision changes, loss of vision, redness of the eye, or other eye problem, they should be instructed to immediately remove the lens and promptly contact their eye care practitioner.
- Long term exposure to UV radiation is one of the risk factors associated with cataracts. Exposure is based on a number of factors such as environmental conditions (altitude, geography, cloud cover) and personal factors (extent and nature of outdoor activities). UV-absorbing contact lenses help provide protection against harmful UV radiation. However, clinical studies have not been done to demonstrate that wearing UV-absorbing contact lenses reduces the risk of developing cataracts or other eye disorders. Consult your eye-care practitioner for more information.
- All contact lens wearers must see their eye care practitioner as directed.

Patients should be advised of the following instructions for use and warnings pertaining to contact lens wear:

Soaking and Storing Lenses:

Instruction for Use:	• Patients should be instructed to use only fresh multipurpose (contact lens disinfecting) solution each time they soak (store) their lenses.
Warning:	• Patients should be instructed to not reuse or “top off” old solution left in their lens case since solution reuse reduces effective lens disinfection and could lead to severe infection, vision loss, or blindness. “Topping-Off” is the addition of fresh solution to solution that has been sitting the case.

Rub and Rinse Time:

Instruction for Use:	• Patients should be instructed to rub and rinse their lenses according to the recommended lens rubbing and rinsing times in the labeling of their multipurpose solution to adequately disinfect their lenses.
Warning:	• Patients should be instructed to rub and rinse their lenses for the recommended amount of time to help prevent serious eye infections. • Patients should be instructed to never use water, saline solution, or rewetting drops to disinfect their lenses. These solutions will not disinfect their lenses. Not using the recommended disinfectant can lead to severe infection, vision loss, or blindness.

Lens Case Care:

Instruction for Use:	• Patients should be instructed to empty and clean contact lens cases with digital rubbing using fresh, sterile disinfecting solutions/contact lens cleaner. Never use water. It is recommended that cleaning is followed by rinsing with fresh, sterile disinfecting solutions (never use water) and wiping the lens cases with a fresh, clean tissue. After use, never air-dry or recap the lens case lids without performing proper cleaning methods. If air drying, be sure that no residual solution remains in the case before allowing it to air dry. • Patients should be instructed to replace their lens case according to the directions given by the eye care practitioner or the labeling that came with the case.
Warning:	• Contact lens cases can be a source of bacterial growth. • Patients should be instructed to not store lenses or rinse the lens case with water or any non-sterile solution. Patients should be instructed to only use fresh multipurpose solution, so they do not contaminate their lenses or lens case. Use of non-sterile solution can lead to severe infection, vision loss, or blindness.

Water Activity:

Instruction for Use:	• Patients should be instructed to not expose their contact lenses to water while wearing them.
Warning:	• Water can harbor microorganisms that can lead to severe infection, vision loss, or blindness. Patients should be instructed that if their lenses have been submersed in water when swimming in pools, lakes, or oceans, they should discard them and replace them with a new pair. Patients should be instructed to ask the eye care practitioner for recommendations about wearing their lenses during any activity involving water.

Discard Date on Multipurpose Solution Bottle:

Instruction for Use:	• Patients should be instructed to discard any remaining solution after the recommended time period indicated on the bottle of multipurpose solution used for disinfecting and soaking their contact lenses. • Patients should be instructed that the Discard Date refers to the time they can safely use contact lens care product after the bottle has been opened; it is not the same as the expiration date, which is the last date that the product is still effective before it is opened.
Warning:	• Patients should be instructed that using their multipurpose solution beyond the discard date could result in contamination of the solution and can lead to severe infection, vision loss, or blindness. • To avoid contamination, patients should be instructed: DO NOT touch the tip of the container to any surface. Replace cap after using. • To avoid contaminating their solution, patients should be instructed: DO NOT transfer to other bottles or containers.

PRECAUTIONS:

Special Precautions for Eye Care Practitioners:

- Clinical studies demonstrated that contact lenses manufactured from the SynergEyes material are safe and effective for daily wear. Due to the small number of patients enrolled in clinical investigation of lens, all refractive powers, design configurations, or lens parameters available in the SiH with Tangible Hydra-PEG Hybrid Contact Lenses were not evaluated in significant numbers. Consequently, when selecting an appropriate lens design and parameters, the eye care practitioner should consider all characteristics of the lens that can affect lens performance and ocular health, including oxygen permeability, wettability, central and peripheral thickness, and optic zone diameter. The potential impact of these factors on the patient's ocular health must be carefully weighed against the patient's need for refractive correction; therefore, the continuing ocular health of the patient and lens performance on the eye should be carefully monitored by the prescribing eye care practitioner.
- Patients who wear aspheric contact lenses to correct presbyopia may not achieve the best corrected visual acuity for either far or near vision. Visual requirements vary with the individual and should be considered when selecting the most appropriate type of lens for each patient.
- Aphakic patients should not be fitted with SiH with Tangible Hydra-PEG Hybrid Contact Lenses until the determination is made that the eye has healed completely.
- When using fluorescein in the fitting evaluation of Hybrid Contact Lenses; either high or standard molecular weight fluorescein can be used. The soft skirt of the lens may absorb this dye and become discolored. Whenever fluorescein is used in eyes, the eyes should be flushed with a sterile saline solution that is recommended for in-eye use. Lens discoloration may be reversed following the ISO guidelines for hygienic management of multipatient use trial lenses; if dye is still present, increase the hydrogen peroxide soak time.
- Before leaving the eye care practitioner's office, the patient should be able to promptly remove lenses or should have someone else available who can remove the lens for him or her.
- Eye care practitioners should instruct the patient to remove the lenses immediately if the eye becomes red or irritated.
- The patient should be instructed to always discard lenses after the recommended wearing schedule for a period of up to six (6) months or as recommended by the eye care practitioner.

Eye care practitioners should carefully instruct patients about the following care regimen and safety precautions:

- Different solutions cannot always be used together, and not all solutions are safe for use with all lenses. Use only recommended solutions.
- Always use fresh, unexpired lens care solutions. Do not change lens care solutions without consulting the eye care practitioner.
- Always follow directions in the package inserts for the use of contact lens solutions.
- Do not heat the wetting/soaking solution or lenses. Keep away from extreme heat.
- Use only a chemical (NOT HEAT) lens care system. Use of a heat (thermal) lens care system can warp the center of the SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses.
- Sterile unexpired solutions, when used, should be discarded after the time specified in the labeling directions.
- Do not use saliva, tap water, or anything other than the recommended solution for lubricating or rewetting lens.
- Always keep the lenses completely immersed in the recommended storage solution when the lens is not being worn (stored). Prolonged periods of drying will damage the lens. If the lens surface does become dried out, follow

the *Care for a Dehydrated Lens* section of this instruction sheet.

- If the lens sticks (stops moving) on the eye, follow the *Care for a Sticking Lens* section of this instruction sheet. The lens should move freely on the eye for the continued health of the eye. If non-movement of the lens continues, the patient should be instructed to IMMEDIATELY consult his or her eye care practitioner.
- Always wash and rinse hands before handling lenses. Do not get cosmetics, lotions, soaps, creams, deodorants, or sprays in the eyes or on the lenses. It is best to put on lenses before putting on makeup. Water-based cosmetics are less likely to damage lenses than oil-based products.
- Do not touch contact lenses with the fingers or hands if the hands are not free of foreign materials; microscope scratches of the lenses may occur, causing distorted vision and/or injury to the eye.
- Carefully follow the handling, insertion, removal, cleaning, disinfection, storing, and wearing instructions in the Patient Instruction Booklet for the SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses and those prescribed by the eye care practitioner. The Patient Instruction Booklet is available at SynergEyes.com.
- Never wear lenses beyond the period recommended by the eye care practitioner.
- If aerosol products, such as hairspray, are used while wearing lenses, exercise caution and keep eyes closed until the spray has settled.
- Avoid all harmful or irritating vapors and fumes while wearing lenses.
- Always handle lens carefully and avoid dropping them. Never use tweezers or other tools to remove lens from the lens container unless specifically indicated for that use. Pour the lens into the hand. Do not touch the lens with fingernails.
- Ask the eye care practitioner about wearing lenses during sporting activities.
- Inform the doctor (health care practitioner) about being a contact lens wearer.
- Always inform the employer of being a contact lens wearer; some jobs may require use of eye protection equipment or may require that the patient not wear contact lens.
- Always discard lenses worn on a frequent replacement schedule after the recommended wearing schedule prescribed by the eye care practitioner.
- Always contact the eye care practitioner before using any medicine in the eyes.
- Contact lenses are medical devices and parameters or lens type should not be changed without consulting an eye care practitioner.
- Contact lenses should never be shared between users. Sharing contact lenses with someone else increases the risks for serious eye conditions.
- Never wear lenses with bubbles present.
- As with any contact lens, follow-up visits are necessary to assure the continuing health of the patient's eyes. The patient should be instructed as to a recommended follow-up schedule.

ADVERSE REACTIONS:

Patients should be informed that the following problems may occur:

- Eyes stinging, burning, itching (irritation), or other eye pain
- Comfort is less than when lens was first placed on eye
- Feeling of something in the eye such as a foreign body or scratched area
- Excessive watering (tearing) of the eyes
- Unusual eye secretions
- Redness of the eyes
- Reduced sharpness of vision (poor visual acuity)
- Blurred vision, rainbows, or halos around objects
- Sensitivity to light (photophobia)
- Dry eyes

If the patient notices any of the above, they should be instructed to **IMMEDIATELY REMOVE THEIR LENSES.**

- If the discomfort or problem stops, then look closely at the lens; **if the lens is in anyway damaged, DO NOT PUT THE LENS BACK ON THE EYE.** Place the lens in the storage case and contact the eye care practitioner.
- If the lens has dirt, an eyelash, or other foreign body on it, or the problem stops and the lens appears undamaged, then thoroughly clean, rinse, and disinfect the lens; then reinsert it.
- After reinsertion of the lens, if the problem continues, the patient should IMMEDIATELY REMOVE THE LENS AND CONSULT THE EYE CARE PRACTITIONER.

When any of the above problems occur, a serious condition such as infection, corneal ulcer, neovascularization, or iritis may be present. KEEP LENS OFF THE EYE AND SEEK IMMEDIATE PROFESSIONAL IDENTIFICATION of the problem and prompt treatment to avoid serious eye damage.

FITTING:

Refer to the Professional Fitting Guide for detailed information on the fitting of the SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses. Copies are available from: SynergEyes, Inc., www.synergeyes.com, Telephone: (USA) +1-760-476-9410

RECOMMENDED WEARING SCHEDULE:

Although many practitioners have developed their own initial wearing schedules, the following sequence is recommended as a guideline. Patients should be cautioned to limit the wearing schedule to the level recommended by the eye care practitioner regardless of how comfortable the lenses feel. An initial daily wear schedule may be offered at the practitioner's discretion; see example below:

Day 1: Wear not to exceed 6 hours total Day 2: 6 hours
Day 3 - Day 5: 8 hours Day 6: Wear as eye care practitioner allows during waking hours

The lens only may be worn for daily wear use and for a period of up to six (6) months or as recommended by the eye care practitioner. A well fit lens provides for centration and minimal movement. The effects of lid interaction on blinking and gravity may result in lens decentration during open eye wear. **Studies have not been completed to show that the SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lens is safe to wear during sleep.**

Patients must be cautioned; “when in doubt, take it out.” It is important that the new wearer not over wear the lens or endure a lens that has an obvious foreign body sensation. In the event of foreign body sensation, the patient should be instructed to remove the lens, clean and rinse it and replace the lens on the eye. If the sensation continues, the lens should not be worn. The patient should report for follow-up evaluation at the prescribed follow up schedule. The visit is best scheduled after several hours of wear and the patient should report with the lens in place. This visit provides an excellent opportunity to evaluate lens fit, comfort, and vision. Upon the absence of clinical signs and complications, the patient may be instructed to continue daily wear of the lens, as instructed by the practitioner, until the next scheduled follow-up visit.

WEARING AND LENS REPLACEMENT SCHEDULES SHOULD BE DETERMINED BY THE EYE CARE PRACTITIONER.

LENS CARE DIRECTIONS:

Eye care practitioners should review lens care directions with the patient, including both basic lens care information and specific instructions on the lens care regimen recommended for the patient:

General Lens Care (Clean and rinse then disinfect lenses) - Basic Instructions:

- Always wash, rinse, and dry hands before handling contact lenses. Always use fresh, unexpired lens care solutions.
- Use the recommended system of lens care, which is chemical (not heat) and carefully follow instructions on solution labeling. Different solutions cannot always be used together, and not all solutions are safe for use with all lenses. Do not alternate or mix lens care systems unless indicated on solution labeling.
- Do not use saliva or tap water, or anything other than the recommended solutions (e.g., non-preserved saline) for lubricating or rewetting the lenses. Do not put lenses in their mouth.
- Lenses should be cleaned, rinsed, and disinfected each time they are removed. Cleaning and rinsing are necessary to remove mucus and film from the lens surface. Disinfecting is necessary to destroy harmful germs.
- Always remove, clean, rinse, and disinfect lenses according to the schedule prescribed by the eye care practitioner.
- Ensure that the tamper proof seal on the solution container is intact prior to initial use. Do not use if tamper proof seal is broken or missing.
- Lenses should never be worn while swimming.
- Do not store the lens for prolonged periods at temperatures below 15° C or above 30° C.

NOTE: **Soft contact lens care products are recommended by SynergEyes for use with the SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses.** SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses **cannot** be cleaned and disinfected using the following contact lens solutions: OPTIFREE® PUREMOIST® Solution, OPTIFREE® Express® Solution, Revitalens Ocutec® Multi-purpose Disinfecting Solution, or Oxysept® Ultracare® Formula Peroxide Disinfecting System®.

It is the responsibility of the practitioner to ensure that diagnostic lenses are properly cleaned, disinfected, rinsed, and stored between uses. Following the solution manufacturer's recommendations for disinfection constitutes the minimum level of care necessary for disinfection as set by the FDA.

1. Clean:

While the recommended care products may be approved for a “No Rub” regimen, it is recommended that moderate daily cleaning be conducted for the SiH with Tangible Hydra-PEG Hybrid Contact Lenses. Clean one lens first (always start with the same lens first to avoid mix-ups). Place the lens, front side down, in the palm of the hand and apply several drops of the contact lens cleaning or disinfecting solution. Using the ring finger of the other hand, apply slight pressure in a swirling motion for the time recommended by the disinfecting solution manufacturer. **Note: Do not clean the lens by rubbing it between the thumb and index fingers, as this may cause lens warpage.**

2. Rinse:

Rinse the lens thoroughly with the disinfecting solution to remove mucus and film from the lens surface; place the lens into the correct chamber of the lens storage case. Repeat this rinsing procedure for the second lens. Avoid rinsing the lens over the sink and avoiding the use of tap water as tap water contains many impurities that can contaminate or damage the lens and lead to eye infection or injury.

3. Disinfect:

After cleaning and rinsing the lenses, disinfect them by using the multipurpose solution. Follow the instructions provided with the multipurpose solution labeling. **Note: SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses cannot be heat (thermally) disinfected.** When using hydrogen peroxide lens care systems, instruct the patient to use ONLY the lens case provided with the hydrogen peroxide care system. This case is specially designed to neutralize the solution. Failure to use the specialized case will result in severe stinging, burning, and injury to the eye. Follow the recommendations on the hydrogen peroxide system labeling exclusively. Following disinfection with a peroxide system, the lenses should be rinsed with sterile saline. Caution: Lenses that are chemically disinfected may absorb ingredients from the disinfecting solution which may be irritating to the eyes. A thorough rinse in fresh, sterile rinsing solution prior to placement on the eye should reduce the potential for irritation.

4. Store:

To store lenses after disinfection, leave them in the closed/unopened case until ready to wear. Always keep lenses completely immersed in the multipurpose solution when the lenses are not being worn. If the patient discontinues wearing lenses but plans to begin wearing them again after a few weeks, they should ask the eye care practitioner for storage recommendations.

5. Care of the Lens Case:

Contact lens cases can be a source of bacteria growth. After removing the lenses from the lens case, they empty and rinse the lens storage case with solution(s) recommended by the lens case manufacturer; then allow the lens case to air dry. When the case is used again, it should be refilled with fresh disinfecting solution. Lens cases should be replaced at regular intervals as recommended by the lens case manufacturer or the eye care practitioner.

6. Lubricating/Rewetting Solutions:

The eye care practitioner may recommend lubricating/rewetting solutions which can be used to wet (lubricate) lenses while they are being worn to make them more comfortable.

7. Lens Deposits and Use of Enzymatic Cleaning Procedure:

Enzyme/Protein cleaners are NOT recommended for use with the SiH with Tangible Hydra-PEG Hybrid Contact Lenses

8. Care for a Sticking Lens:

If the lens sticks (stops moving) or cannot be removed, apply 5 drops of the recommended lubricating or rewetting solution directly to the eye and wait until the lens begins to move freely on the eye before removing it. To initiate movement gently push the lens upward with the index finger on the margin of the lower lid. If non-movement of the lens continues after 30 minutes, the patient should IMMEDIATELY consult the eye care practitioner.

9. Care for a Dehydrated Lens:

The soft silicone hydrogel portion of the SiH with Tangible Hydra-PEG Hybrid Contact Lens may become dried

out if left exposed to air while the lenses are off the eye. Patients should rehydrate the lens by carefully placing the lens into the storage case and covering it with the multipurpose solution. The lenses should be soaked for a minimum of five minutes prior to handling. Properly clean, rinse, and disinfect the lenses prior to reinsertion. If, after soaking, the lens does not become soft or if the surface remains dry, instruct the patient to NOT USE THE LENS UNLESS IT HAS BEEN EXAMINED BY THE EYE CARE PRACTITIONER.

EMERGENCIES:

If chemicals of any kind (e.g., household products, gardening solutions, laboratory chemicals, etc.) are splashed into the eyes, patients should be instructed to: **FLUSH EYES IMMEDIATELY WITH TAP WATER, THEN REMOVE LENSES PROMPTLY, IF POSSIBLE, AND IMMEDIATELY CONTACT THE EYE CARE PRACTITIONER OR VISIT A HOSPITAL EMERGENCY ROOM WITHOUT DELAY.**

REPORTING OF ADVERSE REACTIONS:

All serious adverse experiences and reactions observed in patients wearing any SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lenses or experienced with the lenses should be reported to SynergEyes, Inc.



SynergEyes, Inc., 2232 Rutherford Road, Carlsbad, CA 92008, USA
www.synergeyes.com; Tel.: (760) 476-9410; FAX: (760) 476-9340

HOW SUPPLIED:

Each SynergEyes iD SiH with Tangible Hydra-PEG Hybrid Contact Lens is supplied sterile in a sealed glass vial containing buffered normal saline solution. NOTE: Do not dispense the lens if the tamper proof seal is broken or missing. The lenses are shipped as either a single lens or in a 2-pack carton package. The vial label is marked with the base curve radius, skirt step, diopter power, overall diameter, lot number, and expiration date. In addition, the vial label will show the Rx Only and Sterile symbols. The packing slip or invoice is marked with the base curve radius, skirt step, dioptic power, overall diameter, and lot number.

Symbol	Definition	Symbol	Definition	Symbol	Definition
	Manufacturer		Country and Date of Manufacture		Medical device
	Sterilized by irradiation; single sterile barrier system with protective packaging outside		Caution, consult instructions for use for important cautionary information		Caution: Federal law restricts this device to sale by or on the order of a licensed eye care practitioner.
	Lot number		Consult instructions for use		Unique device identifier
	Catalogue number		Use-by Date		UV blocking
	Upper/Lower limit of temperature		Avoid contact with water		Single patient multiple use
	Do not use if package is damaged	Parameter Abbreviations: Diameter (DIA), Base Curve Radius (BC), Skirt Step (SC), Diopter Power (PWR), Add Power – Multifocal Only (ADD), Zone – Multifocal Only (ZN), Center Thickness (CT)			

SUMMARY OF CLINICAL STUDY:

A three-month clinical study of the Silicone Hydrogel Hybrid Contact Lens with silicone hydrogel skirt was conducted to assess safety and effectiveness for vision correction in daily wear that included subjects with nearsightedness. The study was designed to evaluate contact lens visual acuity and wearing time; and assess contact lens adverse events and loss of visual acuity. **Overall Findings:** A total of 98 subjects in which 73.2% (41/56) test subjects, and 87.1% (27/31) control subjects completed the ninety-day study. The study was a prospective, unmasked, open label study in an approximate 2:1 ratio of test to control conducted at 8 investigational sites. The population demographics were similar to previous contact lens studies with a female to male gender ratio of 2.1 to 1.0. The average age of the completed and discontinued subjects was 39.1 with an age range of 18 years to 55 years of age. Nineteen (19) subjects discontinued from the study (15 test and 4 control) with the most common reason for discontinuation reported as “subject decision” for the test cohort (40%) and discomfort for the control cohort (75%). One test cohort subject was discontinued for adverse event and 1 test cohort subject was discontinued for positive slit lamp. **Safety:** A total of 5 adverse events were reported for 5 eyes during the study with 4 adverse events reported for the test cohort and 1 adverse event reported for the control cohort. Three (3) of the 5 adverse events (2 test/ 1 control) were reported as serious adverse events. Results of the slit lamp examinations showed the test cohort eyes presenting with more staining overall when compared to the control cohort examinations. All other slit lamp findings were reported a similar rates and severities when looking at the overall visit combined findings for both the test and the control cohorts. Symptoms, problems, and complaints were compared between the test and the control cohorts and reviewed against the baseline proportions. The test cohort eyes reported proportionately greater symptoms (1.1% for itching/burning to 16.1% for dryness) when compared to the control cohort eyes except for excessive tearing (essentially equal) and variable vision (3.6% control). Most differences in symptoms rates were small (3.7% or less) except for halos (8.6% test) and dryness (16.1% test). **Efficacy:** Snellen visual acuity with contact lenses remained stable throughout the study for both the test and the control cohorts. Two (2) test and 2 control cohort eyes reported a 2 line drop of Snellen visual acuity with the contact lenses at the final visit. Average daily wearing times were similar between the two cohort groups throughout the study. Lens deposit and fitting evaluations were similar between the two cohorts. Lens replacements were greater in the Test lenses as compared to the control for parameter change, and the control lenses were replaced more frequently for discomfort. **Conclusion:** The Silicone Hydrogel Hybrid Contact Lens (hybrid contact lens with a silicone hydrogel skirt) provided satisfactory performance as expected. Discontinuation rates were somewhat higher than normal due to the reasons cited above. Discontinuations for safety related reasons were evaluated in the context of the events and all fully recovered. Overall, the lens performance demonstrated safe and effective use of the device for its intended use.