

A PRACTITIONERS GUIDE TO THE MAGNA-5 EVALUATION KIT



CHADWICKOPTICAL.COM

INTRODUCTION

WHAT IS THE MAGNA-5 EVALUATION KIT?

In low vision, even a small improvement can make a big difference. The Magna-5 system is comprised of several components that, when combined and evaluated, may provide a subtle yet meaningful boost in visual acuity for your patient.

The Magna-5 System has 3 components:

1. **5% Magnification:** It's a small change that can make a huge difference to anyone's vision.
2. **Prism Options:** You can choose base up, base down, or no prism to see if shifting the light away from the center of the retina helps the patient use their remaining vision better.
3. **Contrast and Glare Filters:** These filters (set at 450nm and 527nm) are designed to enhance contrast and reduce glare. They can also be customized or paired with your favorite low vision filters.

These options can be mixed and matched in the Magna-5 Evaluation Kit to find the best way to improve your patient's vision.

WHO IS THE MAGNA-5 FOR?

That's up to you and the needs of your patient.

Sometimes, just a 5% magnification can mean the difference between a patient being able to drive or not. In other cases, using a prism to shift the light, along with the magnification, might help a patient make better use of their remaining vision.

This kit is useful for patients who have lost visual acuity due to various conditions, such as macular degeneration, Stargardt disease, cataracts, glaucoma, or diabetic retinopathy.

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HOW DOES IT WORK?

5% Magnification with Anti-Reflective Coating

When a patient can't quite make out the 20/100 or 20/50 lines on an eye chart, the 5% magnification can provide a boost in acuity by making everything 1.05 times bigger - all while preserving their field of view. The anti-glare coating reduces reflections for clearer, more comfortable viewing.

4 Diopters of Base Down/Base Up Prism

For patients who have lost some central vision—like those with macular degeneration—shifting the light slightly can help them use a healthier part of their retina. The 4 diopter prism moves the image just a bit off the damaged area. Even though the vision loss remains the same, this change can help with reading or recognizing faces by directing light away from the blind spot.

Contrast Enhancing/Glare Reducing Filters

The included 450 and 527 filters are two of our most popular filters generally associated with enhancing contrast and reducing glare for low vision patients.

They work by boosting the contrast between objects and their background, making details easier to see. These filters also reduce glare from bright lights or reflections, cutting down on discomfort.

If you would like to add additional tints to your kit, use the included order form or give us a call for pricing and to place an order.

Scan the QR code on the right to visit Chadwick Optical's Tint Library.



Tint Library

WHAT'S INCLUDED?

1. *A Practitioners Guide to the Magna-5 Evaluation Kit*
2. Fitover with 5% magnification
3. Fitover with 5% magnification and 4 diopters of base up prism
4. Fitover with 5% magnification and 4 diopters of base down prism
5. Three nose piece inserts for patients without glasses
6. Chemistrie clip with 450 filter
7. Chemistrie clip with 527 filter
8. Cleaning cloth
9. Order form

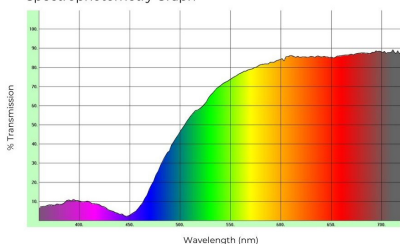


450

Light Transmittance: 71%



Spectrophotometry Graph

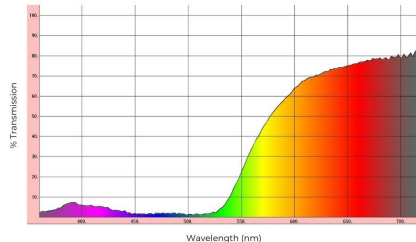


527

Light Transmittance: 33%



Spectrophotometry Graph



EVALUATION PROCEDURE

Office Testing Options:

Over Prescription Glasses: The patient can wear the Magna-5 fitovers over their regular glasses.

Like Their Own Glasses: The patient can also use the nose pads that come with the system to test them as standalone glasses. To do this, simply slide the nose pads onto the fitovers. Line up the small grooves on each side of the pad with the slots on the frame.

Suggested Procedure:

1. Start by having the patient try each of the fitovers, choosing the best combination of magnification and prism correction.
2. See if adding low vision filters makes a difference.

For the best results, take the patient out of the exam chair. Let them move around the office, sit in the waiting room with reading materials, walk to their car and back. Testing the Magna-5 system in everyday settings helps you see how well it works for them.

Once you have a combination of magnification, prism correction, and filtering, you can order it for your patient in their current prescription.



CLEANING INSTRUCTIONS

We suggest two cleaning options for the fitovers and clips:

OPTION 1:

Submerge in warm soapy water, and gently clean with your fingers or a soft sponge. Pat dry with a towel and use a clean microfiber cloth to remove any spots.



OPTION 2

Lightly spray an alcohol-free, ammonia-free lens cleaner onto a clean microfiber cloth and gently wipe the entire surface of your fitovers and clips. Harsh cleaning products can damage the tinted Chemistrie clips.

Once you have wiped them down, either let them air dry or pat them dry, and finish by using another clean microfiber cloth to polish.



HOW TO ORDER

The components of the Magna-5 system can be added to any prescription or ordered as a standalone pair of glasses or fitovers. Whatever your patient finds most beneficial, we can work with you to get it done.

To place an order, fill out the included order form and email or fax it to us. Please include any prescription information and the type of Magna-5 lens you prefer (in the “Magna-5” box). If adding a filter, please let us know the color and if you’d like it added to the lens or as a Chemistrie clip (at the bottom).

If you prefer a digital version of the order form or need additional copies, please scan the QR code below. If you have any questions about your order, please call or email Chadwick customer service.



(800) 410-1618



csr@chadwickoptical.com



(800) 468-9301



Order Form (PDF)



ABOUT CHADWICK OPTICAL



WHO WE ARE

We're a group of optical nerds infuriated by the apathy we often see in the current care system and we're on a mission to change that by creating solutions long after others have stopped trying.

We believe that every patient deserves the best care possible, and we want to help like-minded professionals like you deliver that.

As a company, Chadwick Optical has been around since 1980. Since then, we've become more than a specialty lens lab with low vision devices. We've become a trusted advisor and partner to private practitioners and VA hospitals around the country.

We're the people you call when you're stuck but determined to help your patient.

WHAT WE MAKE

What we make are creative solutions to your toughest cases. What we make are long-standing relationships with professionals like you.

But we also have a really cool lab and the ability and desire to manufacture most of those creative solutions.

Some of what we make includes*:

- The Peli Lens™
- Tints and Filters
- Custom RXs
- Diagnostic Kits

We also offer and recommend a range of low vision devices from manufacturers such as SCHWEIZER.

**Please visit our website to learn more about what we do and how we do it.*





Let's Exceed the Standard of Care.TM

800-410-1618

csr@chadwickoptical.com

596 Main St., Suite D

Schwenksville, PA 19473

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