New E-Scoop Glasses Improve Way of Life for Patients Suffering with Macular Degeneration (ARMD)

Low vision optometrist, Dr. Paul Woolf, utilizing new lens technology to help Arizona residents with a basic problem experienced by those macular degeneration (ARMD).

Gilbert, AZ (PRWEB) October 12, 2012 -- New Lens Technology

New lens technology helps correct a basic problem experienced by those with macular degeneration.

Recently developed new E-Scoop lenses from Holland now enable doctors to help patients with one of the chief complaints associated with macular degeneration—cloudy vision.

Dr. Woolf, a low vision optometrist who has offices in Gilbert, Sun City, Tucson/Oro Valley, Kingman and Prescott; and is a member of the International Academy of Low Vision Specialists (IALVS), offers new hope and vision.

“Macular degeneration not only causes central blind spots but reduces clarity,” says Dr. Woolf. “Most of my patients ask me for clearer vision.”

Glasses that use the new technology bridge the gap between standard eyeglasses and spectacle head-borne telescopes. Whether your difficulty is night driving, bright light, sunlight or simply seeing clearly into the distance, the E-Scoop lens placed over a standard eyeglass prescription can help.

By combining six different optical properties into a two-lens system, vision can often be enhanced. “We start with the patient’s prescription and then add prism to move the image to a healthy seeing part of the macula,” said Dr.Woolf.

The lens has five distinct features that make vision clearer and sharper, with reduced glare:

• The prism moves the image away from the damaged macular area.
• The low vision prescription ensures that patients’ needs are met.
• The yellow tint improves contrast.
• The thickness of the lens, combined with the special “base” curve, makes objects appear slightly larger.
• The anti-reflection coating allows more light through the lens.

E-Scoop lenses provide some magnification by using a combination of special lens curvature and thickness. The lenses also incorporate a custom yellow filter and anti-reflective coatings. Dr. Woolf reports, “This is an example of two lenses definitely being better than one.”

About Macular Degeneration

Macular Degeneration is the leading cause of legal blindness and reading impairment in the country. These lenses can help vision by improving clarity for some people. “These lenses cannot make vision perfect, but they do make things better,” said Dr.Woolf. “They also assist with night driving and glare reduction.”

Macular Degeneration is a progressive disease that leads to damage of cells in the retina in the back of the eye.
Specifically, it affects the central vision in the area called the macula. When the macula is damaged, vision is blurred or distorted. When this happens individuals have difficulty seeing well enough to do activities that require fine detail vision like reading, driving, recognizing faces and watching television.

About IALVS

The International Academy of Low Vision Specialists (IALVS) believes in LIFE AFTER VISION LOSS. The IALVS brings new hope and sight to those with macular degeneration and other vision limiting conditions. The IALVS can bring back the enjoyment of retirement.

If you are now having problems seeing and doing the things you enjoy, an IALVS eye doctor can help. If you have been told by your eye doctor that a change in your eyeglass prescription will not help you see any better, call an IALVS doctor who is trained to design special glasses that can make a difference.

When your doctor says, "Sorry, I cannot get you to see any better," an IALVS doctor often says, "It may not be perfect, but it definitely is better!"

About E-Scoop Glasses

E-Scoops were developed by Frans Oosterhof, a Dutch optometrist, who won the Herman Wijffels Award for optics in Holland. For more information on E-Scoop or Designs for Vision please visit: http://designsforvision.com/LVhtml/LV-E-Scoop.htm

About Dr. Woolf

Dr. Paul Woolf received his B.S. degree from A.S.U. He received his O.D. degree from Southern California College of Optometry. Dr. Woolf completed an externship in Low Vision at the Center for Partially Sighted in Santa Monica, California. He was the recipient of the Mattingly International Low Vision Award for Achievement in Low Vision.

Dr. Woolf is the author of “Clinical Abbreviations for Optometry” which is used by most optometry schools when teaching student doctors what abbreviations are appreciated to use in patient charts. And has had articles published in Contact Lens Spectrum.

Dr. Woolf was selected for inclusion in the 2007, 2008, 2009 and 2010 edition of “Guide to America’s Top Optometrists”, published by Consumers’ Research Council of America. He is a member of the National Register of Who’s Who.

Dr. Woolf has been providing Low Vision Services since 1992 and is in private practice in Gilbert, Arizona.

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