AMA Optics Announces New Brightness Acuity Meter -- Documents Disabling Glare from Cataract

Light scattering abnormal conditions of the eye, most commonly cataract, causes annoying glare that impairs vision and can limit the quality of life, in particular, night driving. The New Brightness Acuity Meter (BAM™, AMA Optics, Inc) assists in diagnosing and evaluating the severity of glare on visual function.

Miami Beach, FL (PRWEB) November 18, 2009 -- AMA Optics announces a new Glare Tester for identification of those suffering from disabling environmental glare.

AMA Optics, Inc. releases the new product, the Brightness Acuity Meter (BAM™), an ophthalmic instrument used for measuring the effect of glare, often the first symptom of the cataract. Cataracts may cause severe visual disability in brightly lit situations such as ambient daylight or from oncoming auto headlights at night. Occasionally, a patient has visual symptoms out of proportion to the severity of the cataract which may be discounted by the lack of findings obtained on a standard eye examination as performed in a darkened examination room. Standard visual acuity testing does not measure visual dysfunctions attributable to glare. According to Preferred Practice Pattern publication of American Academy of Ophthalmology, supplemental testing directed toward glare and contrast sensitivity problems can help to better assess and quantify functional visual impairment attributable to a cataract. Measurements taken in a darkened examination lane may significantly underestimate the functional impairment occurring in real world situations of varied lighting.

Medicare guidelines recognize the disability of glare and approve re-imbursement for cataract surgery when an increase in visual acuity loss due to glare is documented.

The BAM™ is lightweight and ergonomically designed for ease of patient use. Its purpose is to diagnose and assess visual problems due to glare conditions, document the degree of disability, and monitor severity over time.

AMA Optics, Inc., founded in 2001 by Dr. Albert. J. Hofeldt, manufactures ophthalmic diagnostic instruments. In 2005 Frost and Sullivan honored AMA Optics, Inc. as the Entrepreneurial Company of the Year for Ocular Diagnostic Devices and in 2009 United States Commerce Association honored AMA Optics, Inc. for Ophthalmic Diagnostic Instruments, the Best of Miami Beach. Web site: www.amaoptics.com

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