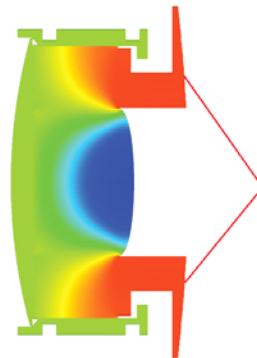
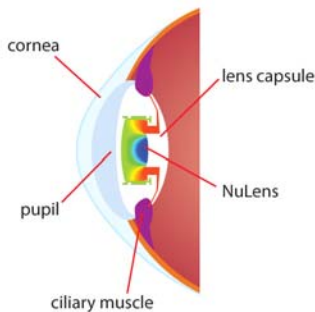


Adjustable Prosthetic Replacement Eye Lens Developed by NuLens with NEi Nastran Simulation Software

Westminster, CA. September 19, 2008. NEi Software (NEi), a leading developer of engineering analysis and simulation software announced that its NEi Nastran finite element analysis (FEA) product has been used by NuLens Ltd. to develop an implantable adjustable eye lens for patients suffering a loss of eyesight from cataracts and related vision maladies. Patients receiving the adjustable lens replacement will have their vision restored with the ability to focus on both near and far images. Conventional cataract surgery uses a simple fixed lens which destroys the eye's focusing ability. The NuLens prosthetic lens mimics the mechanics of the human eye; it is a flexible lens mechanism that is attached to the eye's focusing muscles. NEi Nastran was used in NuLens' design process to determine the plunger force and displacement required to achieve the desired optical power or deformed shape for lens sizing. Advanced simulation capabilities within NEi Nastran gave NuLens engineers the ability to model nonlinear phenomena such as surface contact with large strain hyperelastic materials with large displacement scenarios.



The eye's ciliary muscles flex the NuLens plunger tabs, causing the lens to bend. Bending of the lens is how the eye focuses.

About NEi Software

NEi Software is a global supplier and innovator in engineering analysis, simulation, and virtual test software. The core product NEi Nastran is a powerful, industry-proven finite element analysis (FEA) solver that works with a wide portfolio of pre and post processors including Femap[®] by Siemens PLM Software, in-house brands NEi Fusion[™] and NEi Works[™] for SolidWorks[®], and other major industry brands. The website features case studies in aerospace, automotive, maritime, petroleum, military, medical, composites, and consumer products, as well as, demonstration videos, webinars, tutorials, and options for evaluation.

Website: www.NEiNastran.com | Telephone: 714.899.1220 | Email: info@neissoftware.com.

Marketing Contact:

Dennis Sieminski, P.E. | NEi Software

Telephone: 714.899.1220 Ext. 207 | Email: dennis.sieminski@neissoftware.com