**Anterior Segment Eye Model**

Anterior Segment Model helps to explain open angle glaucoma, low-tension glaucoma, pigmentary dispersion syndrome and glaucoma suspects. Multiple linear regression analysis demonstrated that anterior chamber depth is a function of sex, age and refractive error. This is a great tool to explain new and upcoming glaucoma treatments and helps explain congenital glaucoma, Donders’ glaucoma and narrow-angle glaucoma. Anterior Chamber Open Angle model is made of hard, durable plastic and measures 6 x 5 x 3 inches (15.5 x 13 x 8 cm).

5880 Anterior Segment Eye Model

**Ocular Disease Eye Model**

Ocular Disease Eye Model assists in educating patients about Glaucoma, AMD and Diabetic Retinopathy. Model also shows a cross section of the eye in three layers; the retina, choroid and the sclera with veins and arteries, plus the central retinal. The model provides the opportunity to ease patient uncertainty. Quick and easy to use. This unique model will save the doctor or technician time.

Model is made of plastic, measures six (4) inches in diameter, and is mounted on a sturdy, opaque plastic base.

5879 Ocular Disease Eye Model

**Brain Model - Life Size**

This life-size Brain Model is an aid for explaining neurological relationships to vision defects. Can be used to illustrate the anatomical location of lesions that show up in visual field testing. Mid-brain areas can illustrate pupillary reflex issues. Color markings illustrate arteries in red and cranial nerves in yellow. Illustrates Brain Stem, Cerebrum, Pons, Spinal Cord, Arteries, Cerebellum, Pituitary Gland, Frontal, Parietal, Temporal and Occipital Lobes, Corpus Callosum, Thalamus, and Hypothalamus with eight molded parts and colorful highlighting. Includes base. Size: 5” x 6” x 6”.

5266 Brain Model- Life Size

**Seven Part Eye Model**

The Seven Part Eye Model provides a modular eye model that is very useful in helping patients, students and office staff understand how eye components function to create vision. The seven components include the cornea, iris, lens, and vitreous humor and exhibits details of additional structures such as the optic nerve, retinal veins and arteries, ciliary bodies plus processes, and ocular muscles.

Each of the 31 identified structure is numbered on the model and corresponds to the identifications on the patient education card that accompanies the eye model. The Model is five-times (5x) life size and is constructed of durable, long life plastic. Mounted on a sturdy, attractive base.

6206 Seven Part Eye Model
Full Eye Model - 5 inch diameter

Full Eye Model that is 5x the human eye. Provides split shell construction to allow for viewing inner anatomy including optic nerve, disc, macula, retina, central retinal artery and veins. Lens and cornea are removable. Model Size: 5” x 3” x 4”. Same as Right Eye Model but includes cap to complete the sphere.

Includes colorful anatomical card. Card is two sided 6.5 x 5.5 in. Front shows interior parts of the eye and reverse shows the external eye features.

6015 Full Eye Model
6188 Right Eye Model Card

Right Eye - 5 inch diameter

Oversized model is 5x natural and shows inner anatomy including Optic Nerve, Disc, Macula, Retina, Central Retinal Artery, and Vein all identified on the information card included. Lens and Cornea are removable. Size 5 x 3 x 4 inches (13x7.5x10 cm). Card is the same as card for Full Eye Model shown above and is two sided 6.5 x 5.5 in.

4939 Eye Model-Right Eye
6188 Right Eye Model Card

2-inch Eye Model with Muscles

Incredibly detailed 2-inch Eye Model shows 6 muscles, Lacrimal Gland and parts of the eye such as Cornea, Lens, Iris etc. Front hinged. Excellent for eye muscle explanations. Illustrated booklet, colorful. Eye is 1 7/8 inches (5 cm).

Assembled version includes a clear plastic display case.

5465RR Eye Model Assembled with display case

Unassembled; 35 pieces assemble like a puzzle. It’s quite a challenge!

5464R Eye Model with Muscles unassembled

Astigmatism and Myopia Eye Model

Model demonstrates how the focal length of the eye is changed by lens correction for better acuity. The two chords realistically simulate both a myopic or hyperopic foci.

5969 Astigmatism Model
Cataract Eye Model

Oversized model includes interchangeable lens that show various types of cataract conditions including Subcapsular, Capsular, Mature, Cortical and Nuclear. Size 5x3x4 inches (13x7.5x10 cm). These five ‘illustrative’ lenses and card are also available separately. Lenses are 1 3/4 inches (37 mm) diameter.

Colorful card measures 6.5 x 5.5 inches (16.5 x 13.5 cm). One side illustrates Cataract types and the reverse shows internal eye anatomy in color.

4938 Cataract Eye Model
5749 Cataract Lenses (only)
6190 Cataract Eye Model Card

Intra Ocular Lens Model

IOL Eye Model dramatically demonstrates how vision is restored after cataract removal. The six inter-changeable lenses simulate IOL and Toric implants of clear posterior capsule and post YAG posterior capsulotomy. The model also shows a cross section of the eye in three layers; the retina, choriod, and sclera with veins and arteries. Colored and textured with the cornea, optic nerve and insertion of muscle showing.

The six IOL ‘illustrative’ lenses are also available separately. Lenses are 1 3/4 inches (37 mm) diameter.

5970 IOL Model
5748 IOL Lenses (only)

LASIK Demonstration Model

LASIK surgery easily explained using this LASIK eye model. Unique model allows the practitioner to completely familiarize the patient with the goals of laser correction and the steps involved in the procedure. The realistic ‘flap’ made of durable plastic in the front simulates the surgeons incision. Full color model measures 5 1/4” in diameter. It is approximately 6 times the size of the human eye. A slide bead illustrates the change in vision focal point.

5971 LASIK Model

Retinal Detachment Eye Model

Useful for explanations of Retinal detachment. Made of durable plastic and shows the eye in full color. It measures 5.25” in diameter. It is approximately 6 times the size of the human eye. Clear film helps illustrate the detachment.
**Corneal Eye Model**

Includes 5 interchangeable corneas that have the following conditions: Bullous Keratopathy, Fuch's Endothelial Dystrophy, Keratoconus and Recurrent Corneal Erosion, **Map-Dot-Fingerprint type Dystrophy**. Model is made of hard, durable plastic. Mounted on a plastic base with slots to hold the lenses. Lenses are 2 inches in diameter. The model is realistically colored and textured and is designed primarily for patient education. Measures 3 3/4" in diameter. Card measures 6.5 x 5.5 inches (16.5 x 13.5 cm). One side illustrates Cornea diseases in Black and White. The reverse shows internal eye anatomy in color.

**4851 Corneal Eye Model**

**6189 Corneal Eye Model Card**

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**Vitreous Floater Eye Model**

The New Floater Eye Model quickly demonstrates how "floaters" are caused and how they may affect the patients vision including a demonstration of the Weiss Ring.

In addition, the model will quickly and easily let the practitioner explain the concept of "shadowing" and the consequential affect on the patient’s vision. Shadows are explained by shining a penlight through the model's lens to create shadows on the macula.

Vitreous Floater Eye Model is made of plastic and measures three inches (8 cm) in diameter. It is mounted on a white opaque, plastic base.

**5973 Vitreous Floater Eye Model**

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**EyeView™ Visualizing Scope**

This device is used to help the patient see vitreous floaters and other conditions in their own eye. In addition it can demonstrate spontaneous pupil margin hyphema with blood streaming across the pupil margin. Patients with cortical or posterior sub capsular opacities are fascinated to see them and realize the reason for their vision disturbance. Often these patients complain of glare from headlights or the setting sun but are able to pass an acuity test. The EyeView™ Visualizing Scope lets them see the reason for their compromised vision. The patient can follow the growth of such opacities and compare eye to eye so that they realize that the silhouette they see is from their own eye. Some posterior sub capsular cataracts can be even be viewed.

The device creates a pinpoint of light which create silhouettes on the retina of showing floaters, including bits of cells, protein strands, specks, granulated filaments, and other materials primarily in the vitreous humor. Some users may see corneal and aqueous humor matter and ever tears evaporating. EyeView™ can also be used to monitor cleanliness of contact lenses since debris missed in cleaning cannot often be seen. The device is not a means of self-diagnosis and is not a substitute for an exam by an eye professional. It is an educational tool.

Small, handheld device utilizes a long-life LED lamp, AAA batteries, a pinhole light focuser, an off/on switch, and strap. It measures 3-5/8 inch (9 cm) and 1 inch (24 mm) diameter.

**5974 EyeView Visualizing Scope**
**Richmond Products**

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**Technical Bulletin**

**Anatomical Eyeball clipboard**

White Clipboard with a 4" Clip. Size: 9 X 13" with an Anatomical Eye Drawing on the Back

5526R Eyeball Clipboard

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**Anatomical Book of Charts including Ocular**

This beautifully printed booklet contains a collection of anatomical drawings for the entire body presented in 77 full color oversize pages. Each drawing is presented twice: once with English annotations and once with Spanish annotations. Four key areas are covered: Systems, Organs and Structures, Diseases and Disorders and Healthy Lifestyle Issues. The eye is one of the organs presented. Full Color. 10.25 x 12 inches (26 x 31cm)

5709R Anatomical Book

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**Anatomical Charts**

Provides comprehensive drawings of the various parts of the eye including muscles, Lacrimal Gland, Retina, cones and rods, optic nerve and anterior chamber. Poster is available Laminated or Raised Relieve. Raised relief option is vacuum formed 3D plastic chart. Size is 20 by 26 inches (50 x 66 cm).

9691PL15x Illustrated Eye Chart

Chart covers Chronic Glaucoma, Open Angle Glaucoma, Narrow Angle Glaucoma, Congenital Glaucoma and Secondary Glaucoma plus Sagittal view of the eye.

4867 Understanding Glaucoma

Illustrations of major eye diseases: Blepharitis, Conjunctivitis, Glaucoma, Melanoma, Diabetic Retinopathy, Macula Degeneration, Retinal Tear and Detachment, Vitreous Floaters, Corneal Ulcers, Cataract, plus drawings of Esotropia and Exotropia.

9695PL15x Disorders of Eye Chart


9694PL15x Anterior/Posterior

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