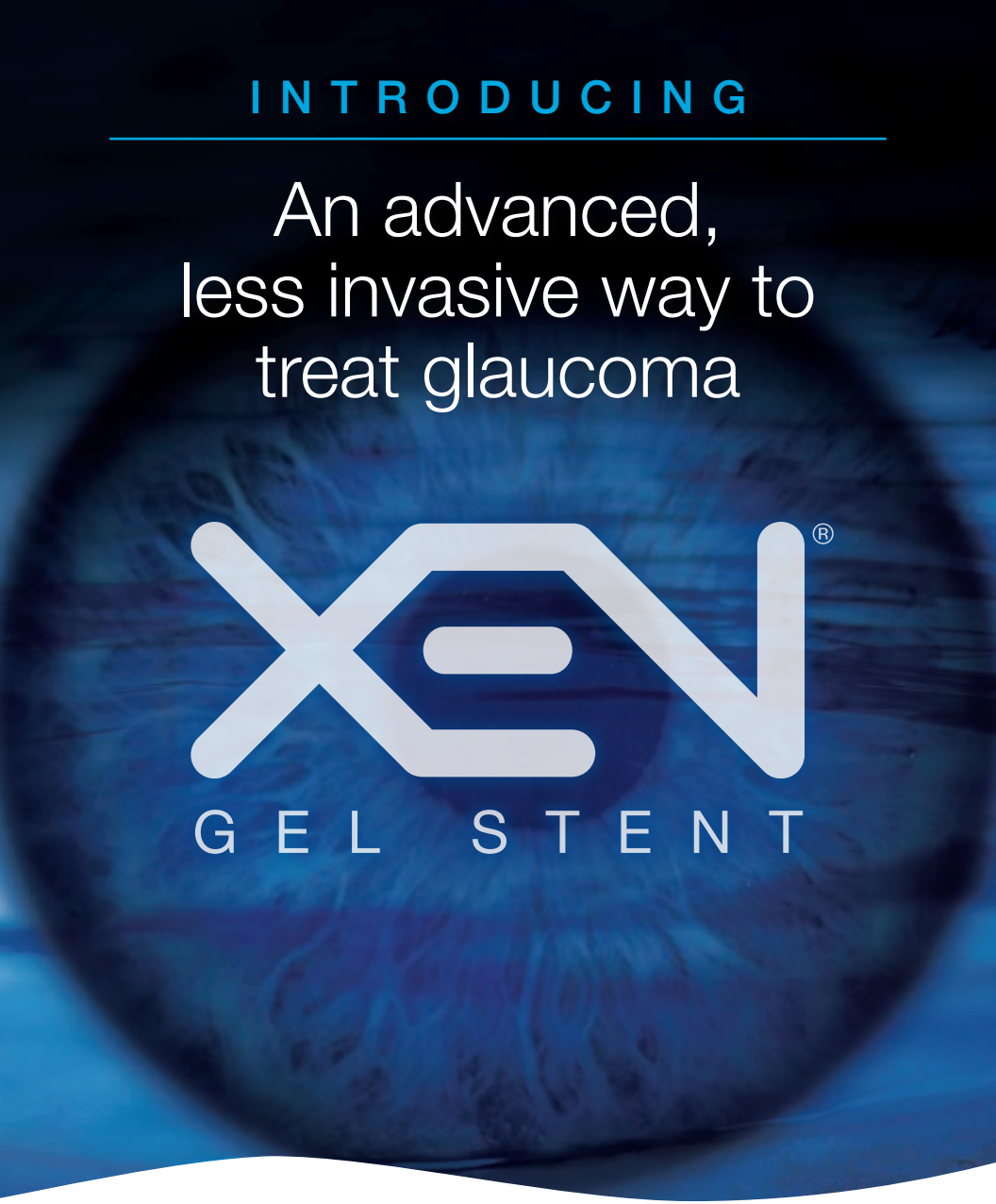
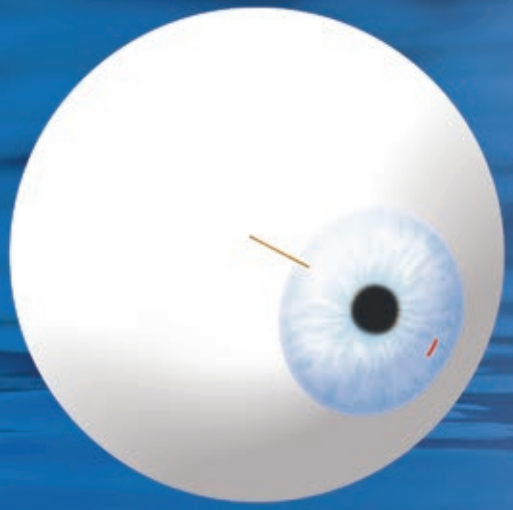
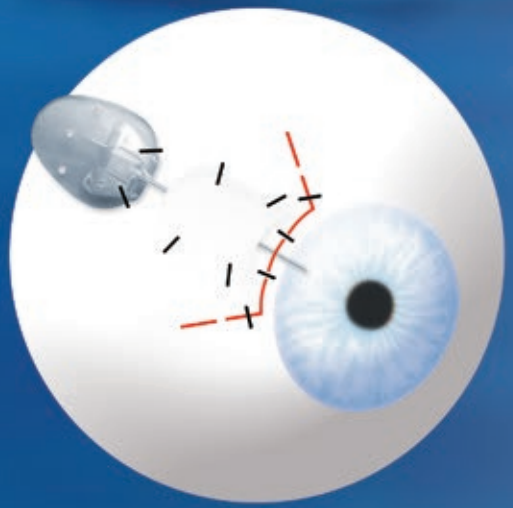

INTRODUCING
An advanced, less invasive way to treat glaucoma
XEN®
GEL STENT

AqueSys®

What is the XEN Gel Stent?



Placing the XEN Gel Stent (above) requires a much smaller incision and usually no stitches compared to a typical implant (below).

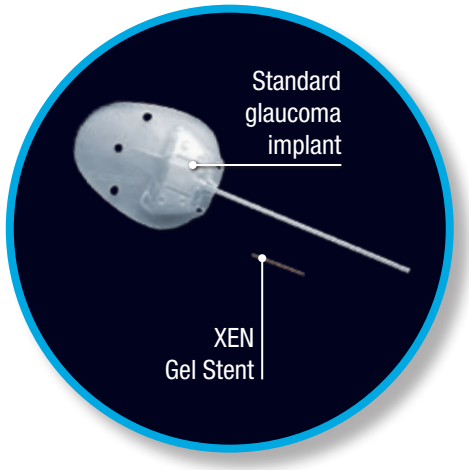


The XEN™ Gel Stent is a new way to treat glaucoma. It is a very small tube made of a soft gelatin material. The implant is as thin as a strand of human hair.

XEN is placed in your eye to make a new permanent pathway to reduce the amount of fluid in your eye. This helps preserve your vision by reducing the pressure in your eye to a normal level.

The XEN Gel Stent is safe and effective. It is less invasive than standard procedures for treating glaucoma.

The small XEN Gel Stent next to a standard glaucoma implant.



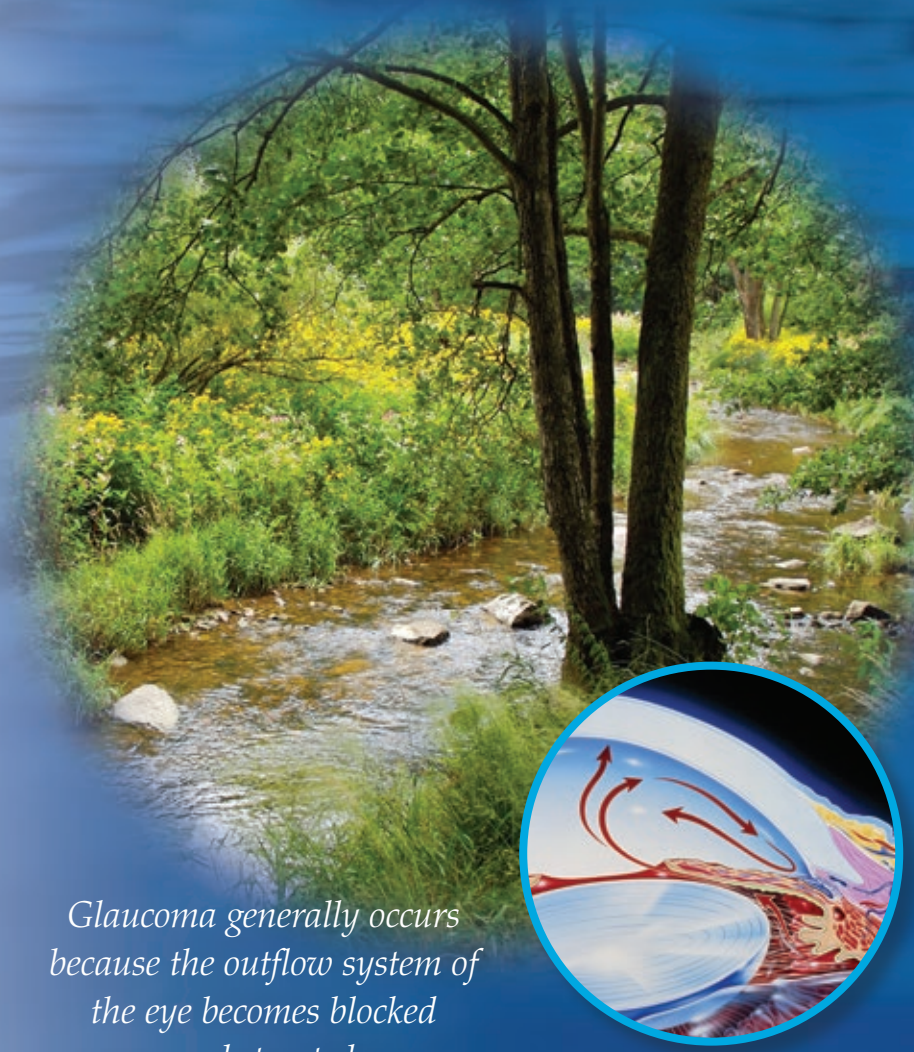
What is Glaucoma?

Glaucoma is a disease that damages the optic nerve. This nerve sends signals to your brain that are turned into the images that you see. If left untreated, glaucoma will cause a slow but steady loss of vision.

To understand glaucoma, it helps to learn what happens in a healthy eye. In a healthy eye, the amount of fluid made in the eye is equal to the amount of fluid that drains out of the eye. This creates a normal amount of pressure.

In an eye with glaucoma, there is a buildup of fluid. This buildup can happen because of a block or clog in the outflow pathway (where fluid normally drains out of the eye). The result is a rise in pressure above the normal level, which damages the optic nerve.

Open angle glaucoma is the most common type of glaucoma. The XEN Gel Stent has been approved for treating open angle glaucoma in Europe since 2011.



Glaucoma generally occurs because the outflow system of the eye becomes blocked or obstructed.

What Can I Expect During the XEN Procedure?

After the numbing drops, your surgeon will gently place the soft XEN Gel Stent in your eye.

The procedure to insert the XEN Gel Stent is more straightforward and less invasive than other similar treatments for glaucoma. If you have cataracts, the XEN Gel Stent can also be safely implanted during cataract surgery.

First, your surgeon will put numbing drops in your eye to keep you comfortable. After the drops, your surgeon will gently insert the soft XEN Gel Stent in your eye. Once the stent has been placed, your surgeon will confirm that it is working. The XEN Gel Stent should reduce the pressure in your eye right away.

After the procedure, you will be given eye drops that will help the healing process. Use these drops according to your surgeon's instructions.

XEN is so small you will likely not see or feel it. But it will always be working to reduce the pressure inside your eye.

Is XEN Right for Me?

There are many ways to treat glaucoma, such as eye drops, surgery, laser surgery, and other procedures. Only your doctor can decide what is the best choice for treating your glaucoma. Talk to your doctor to find out if the XEN Gel Stent is right for you.

A New, Advanced Procedure for the Treatment of Glaucoma

The XEN Gel Stent is a simple and effective device that can slow or stop the progression of glaucoma by lowering the pressure in your eye.

Advantages of the XEN Gel Stent

- Designed to safely and significantly reduce eye pressure
- Less invasive compared to other surgical treatments for glaucoma
- Designed to reduce the complications of traditional glaucoma surgery and allow for a quicker recovery
- Works continuously to reduce the pressure inside your eye
- Uses the same outflow pathway as standard glaucoma surgery but causes less trauma to the eye

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