

EX-PRESS® Glaucoma Filtration Device

An alternative to trabeculectomy for glaucoma management, the EX-PRESS® Glaucoma Filtration Device:

- Is implanted under a scleral flap to create a secure, uniform channel
- Maintains an artificial pathway for aqueous humor drainage
- Reduces complications associated with hypotony compared to trabeculectomy¹

EX-PRESS® Device Safety During an MRI

It is important to note that the EX-PRESS® device is FDA approved for magnetic resonance imaging (MRI) after two weeks post-implantation. However, because it is made of 316L stainless steel, studies have been conducted to evaluate its safety in patients undergoing MRI.

One study evaluated the safety of the EX-PRESS® device in magnetic fields up to 3 Tesla, the most common MRI exposure for patients. It demonstrated:

- No perceptible movement within the anterior chamber²
- Embedded friction was greater than the magnetic force applied²



The EX-PRESS® device was embedded in the sclera of a human cadaver eye, which closely mimics a typical implantation environment.

Photo provided by Dr. Noa Geffen.

The EX-PRESS® device is likely safe up to 3 Tesla due to ocular tissue resistance.²