Spec-Tac External Eye Speculum

The Spec-Tac (EnVision Eyes, Denver) is an external eye speculum designed for patient comfort during eye exams. Unlike metal speculums that wrap around the edges of the eyelid, the Spec-Tac adheres to the outside of the eyelid.

Management of eyelids and eyelashes is crucial to many procedures where unobstructed access to the eye is necessary.

Used in numerous ophthalmic tests to maintain an open eye, the Spec-Tac uses medical grade adhesive to keep the eyelids and lashes wide open and out of the imaging pathway.

There are many uses for the Spec-Tac external eye speculum, including retinal imaging, intravitreal injections, corneal topography, wave-front mapping, visual fields, nerve fiber analysis, contact lens fitting, and foreign body removal, according to a company brochure.

Spec-Tac is now available as a universal, single-use, and disposable item.

MicroSlim IOL

MicroSlim is the latest injectable microincision lens from PhysIOL (Liége, Belgium). This one-piece IOL is made of 25% water content hydrophilic material with improved mechanical properties, making the lens implantable through incisions as small as 1.8 mm and preserving a comfortable 6.15 mm optic diameter.

The MicroSlim lens is available in powers from 10.00 D to 30.00 D, in 0.50 D increments. It is inserted with the single-use MicroSet (PhysIOL) injection system. Its optical performance has been demonstrated in a clinical evaluation of 50 cases. At 3-months, BCVA was 0.98 and UCVA measured 0.7 with a mean astigmatism of 0.83.

With its 10.75 mm overall diameter, the MicroSlim is meant to be inserted into the capsular bag. Once in place, the lens’ position is secured by its four flexible haptics, which absorb capsular bag contraction and keep the optic centered.

The MicroSlim lens is designed with a 360° square edge and a 5° posterior angulation placing the optic away from the iris and in close contact with the posterior capsule. The efficiency of this mechanical barrier against posterior capsule opacification (PCO) has been confirmed with its parent design, YellowFlex, which showed a 3.2% Nd:YAG rate in 343 eyes, 2 years postoperatively.

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KEY FEATURES
- Compatible with biaxial and coaxial MICS techniques
- Injectable through 1.8-mm microincisions
- Offers a comfortable 6.15 mm optic diameter
- Features a 5° posterior angulation and 360° square-edge to minimize opacification