



## **Glaucoma**

### **Solx Gold Shunt promising for managing IOP, surgeons say**

Top Story 5/30/2007

ROME — The Solx Gold Shunt is a promising new technique for glaucoma control, according to a panel of surgeons speaking here at the OSN Rome Symposium.

"We are at a turning point in the treatment of glaucoma," said Marco Nardi, MD. "Thanks to this new implant, we can rely on aqueous outflow in the suprachoroidal space, which is more easily accessible."

The Solx Gold Shunt implant is a flat plate that measures 3 mm wide and 6 mm long. The device features numerous microtubular channels that bridge the anterior chamber and the suprachoroidal space to help control aqueous outflow and reduce IOP. It is virtually undetectable by the patient and is intended to last indefinitely.

"Aqueous from the anterior chamber enters the ingress holes of the shunt. [It is then] directed through the internal micro-channels and exits the shunt into the suprachoroidal space," said Shlomo Melamed, MD.

The device is implanted under topical anesthesia through a small scleral incision about 2.5 mm from the limbus. It is placed in a pocket in the suprachoroidal space and sutured.

The shunt is made of thin, pure gold and is therefore delicate. Thus, surgical maneuvers must be performed gently to avoid scratching or distorting the device.

"We have obtained encouraging results, with a significant and stable decrease of intraocular pressure. All patients have been able to reduce medications significantly," Dr. Nardi said.

"We have had no complication apart from early, transient hyphema. Eyes are very quiet, and there is no bleb," Dr. Melamed said.

The OSN Rome Symposium is a meeting held jointly by *Ocular Surgery News*, the Italian Association of Cataract and Refractive Surgery and the Italian Society of Ophthalmology.

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