

Company:	Muscat Eye Laser Centre
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Published:	Oman, Wednesday, November 16 - 2011 at 13:36 (GMT+4)

## Muscat Eye Laser Center goes high-tech with acquisition of Avedro system

Reinforcing its position at the cutting-edge of eye-care services in the Sultanate, Muscat Eye Laser Center has announced the addition of the breakthrough Avedro System to its ever-expanding technological capabilities in the treatment of corneal problems.



The Avedro System, coveted by the world's leading eye-care clinics, is currently the equipment of choice in the treatment of keratoconus, a degenerative disorder of the cornea, in which there is a progressive change of its curvature, leading to an abnormal conical shape. The Avedro KXL System offers a superfast, safe and non-invasive alternative to stop the progression of keratoconus and, in many cases, to avoid the need of penetrating keratoplasty (cornea transplant).

'The system is designed to perform accelerated corneal cross-linking procedure (KXL) that represents a qualitative leap over the traditional corneal collagen cross-linking procedure. While the latter procedure usually takes an hour and is fraught with post-surgical challenges, the advanced KXL process is over in a few minutes and with amazing results. Additionally the light beam is more homogeneous producing a more precise treatment that implies a safer result,' explained Dr Maria Clara Arbelaez, Medical Director.

Additionally, the Avedro System's unique capabilities allow for the treatment of LASIK patients without having any adverse impact on the refractive correction. In this procedure, called LASIK-XTRA, it is possible to increase the strength of the cornea with a three-minute treatment that accompanies the standard LASIK procedure. 'LASIK-XTRA does not contribute to patient discomfort nor have any adverse effects on the refractive outcome of the LASIK procedure. LASIK-XTRA corneal strengthening is applicable to some selected LASIK patients, as well as post-LASIK patients who are suffering from corneal ectasia,' Dr Maria added.

The Avedro System enjoys global appeal with the prestigious certification of 'Conformité Européenne' (CE). Products bearing the CE mark are certified as meeting the health and safety standards of the European Union and thus eligible for commercialisation across the European Economic Community and in other countries which recognize the CE Mark.

With the acquisition of the Avedro KXL System, Muscat Eye Laser Center joins the ranks of the world's most advanced eye-care clinics, in making available, here in Oman, high-tech solutions to patients.

### Notes and Media Contacts

Notes:

Jointly established by Mr. Sameer Al Awam (CEO) and Dr. Maria Clara Arbelaez (Medical Director) in April 2002, Muscat Eye Laser Center is Oman's foremost eye care center, specialised in refractive surgery using advanced technology and procedures. Centrally located in Qurum, the center has two fully equipped operating theatres, six consultation and meeting rooms, six diagnostic and four preparation rooms. As an ISO 9001:2008 certified facility, Muscat Eye Laser Center is committed to delivering exceptional clinical results with an unmatched degree of quality and safety.

The specialist team is led by Dr. Maria Clara Arbelaez, a reputed corneal transplant and refractive surgeon from Colombia with over 20 years of experience in Latin America, the Caribbean and the Middle East. She has more than 58,000 successful eye surgeries to her credit - a feat that remains largely surpassed in ophthalmic circles in the region.

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