

## Press Release

### **Large demand - Standard online pachymetry from SCHWIND unique in the market**

Kleinostheim, Germany, September 2006

What a driver assistant system as a safety factor for the motorist means is online pachymetry for the refractive surgeon – so far exclusively offered by SCHWIND as standard equipment. Online pachymetry with the ESIRIS excimer laser significantly contributes to improvement of intra-operative safety during refractive surgery. For the surgeon, employment of online pachymetry is a unique selling proposition which will be gratefully accepted by the patients. The demand is accordingly large: Currently, around 40 percent of ESIRIS excimer lasers are ordered with online pachymetry

The measurement of corneal thickness is of highest importance during the refractive procedure in order to prevent instability of the cornea and occurrence of corneal ectasia. Usually, measurement of the corneal thickness only takes place before and after the refractive procedure – via ultrasound. With the high resolution and contact-free online pachymetry (OCP Technology) changes in corneal thickness are continuously monitored and displayed. The measurements take place before preparation of the flap, after lifting of the flap as well as during and after the laser ablation.

The greatest advantage of online pachymetry is improved quality assurance because, for the first time, the entire surgery is objective and chronologically comprehensible and serves as a doctor's decision aid in the process of an optimal

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refractive correction. Further aspects of online pachymetry are the prevention of corneal ectasia, the assessment of the flap and residual stromal thickness and the online measurement of ablation depth during the laser procedure. Further information you will get at the ESCRS in London, booth no. C2.

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