



養和醫院

HONG KONG SANATORIUM & HOSPITAL

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Hong Kong Sanatorium & Hospital Guy Hugh Chan Refractive Surgery Centre Celebrates its 10th Anniversary Over 50,000 LASIK Procedures; About 90% Maintained Good Vision

(8 December 2006, Hong Kong) The Guy Hugh Chan Refractive Surgery Centre (GHCRSC) of the Hong Kong Sanatorium & Hospital was established in 1996, as one of the pioneers to introduce LASIK to Hong Kong. GHCRSC is also a refractive surgery training centre. In the last decade, 53 ophthalmologists were trained as LASIK surgeons at our Centre; 113 ophthalmologists from local and international received training in other refractive surgeries, such as implantation of Intra-ocular Lens.

LASIK was conceptualized in 1990 by Professor Ioannis Pallikaris, Father of LASIK, and the techniques have been developed tremendously since then. GHCRSC has worked tirelessly to keep abreast with the latest technology. Advanced equipment and techniques have been continuously introduced. Nowadays, people with conditions such as thin cornea, big iris, high myopia or astigmatism could also be treated with refractive surgeries. In 2004-2005, with the introduction of bladeless Intralase, OCP Monitor and Rotational Eye-Tracker, over 80% of patients with low and moderate myopia can maintain an uncorrected vision of 20/20.

As of 30 November 2006, GHCRSC has performed over 50,000 LASIK procedures. For low to moderate myopia (below -8.00), uncorrected vision of 20/25 or better were achieved in 95% of patients 5 years after surgery. For those patients who had very high degree of myopia (more than -8.00), over 86% achieved 20/25 or better without glasses. Major intra-operative complications are rare. The complication rate was 0.8% in 1997 and is less than 0.1% in 2006. In case of ectasia (corneal degeneration), only 1 case was observed among 50,000 procedures. The risk of LASIK is relatively lower than normal eyes without any refractive surgery. The average rate of ectasia in normal eyes without having any refractive surgery is 1:5,000.

As the Hong Kong population is ageing, increasing number of people is suffering from presbyopia. While continuing with LASIK development, GHCRSC is focusing on the treatment of presbyopia. Implantation of multifocal lens is one of the latest developments, which provides treatment to both cataract and presbyopia for the elderly people. GHCRSC continues to provide safe and reliable treatment methods to improve the quality of life of patients.

In 2007, with the completion of the Phase III development of the hospital, the Guy Hugh Chan Refractive Surgery Centre and the Department of Ophthalmology will move to new premises and will



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commence another phase of our development. We are constantly striving to improve and look forward to the next ten years being as exciting as the last decade.

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