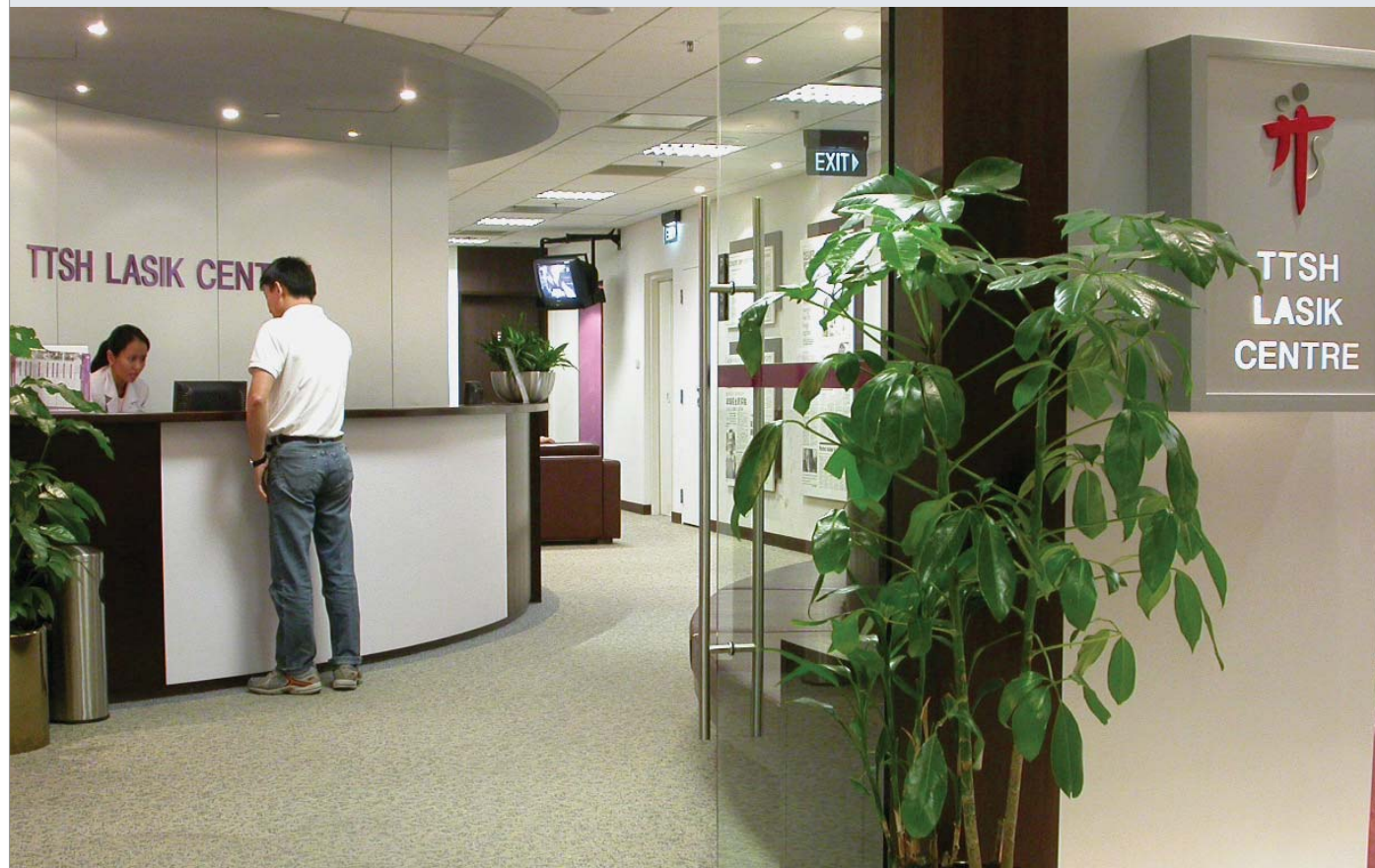


2006: Asia's First Upgrade of LASIK with 60khz Intralase

by Tan Tock Seng Hospital



UPGRADE OF LASIK WITH INTRALASE FROM 15KHZ TO 60KHZ: FASTER AND SAFER

LASIK is the most common laser vision correction technique performed in Singapore and worldwide. It is a safe surgical procedure with low complication rate and has produced very good results for the correction of myopia, hyperopia, and astigmatism.

LASIK with Intralase is the all-laser bladeless approach to LASIK. In standard LASIK, the surgeon does a circular cut using a mechanical surgical blade on the surface of the cornea and folds back the flap. In Intralase, a computer-controlled machine uses a laser to create microscopic cavities within the cornea. By connecting these areas into a single plane, a very precise



flap is created. Computer-controlled laser beams then reshape the underlying tissue of the cornea. The flap is then replaced. No stitching is needed as the flap will adhere naturally to the cornea and will re-attach itself within months.

With Singapore's first 60 KHz Intralase at TTSH LASIK Centre, suction and flap creation time has been reduced by 4 folds, which translates to better safety and increased comfort for the patients.

The TTSH LASIK Centre's success rate of achieving normal vision of at least 6/12 or better is 99.9%. A vision of 6/12 will allow one to engage in routine daily activities such as driving without the need to wear contact lenses or glasses.