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## Highlight of TransPRK and SMILE

We will present two parts: (A) TransPRK (TPRK) and (B) SMILE clinical outcomes. Part (A) regards to the long term result of TransPRK focusing on its efficacy and safety. This is a retrospective study, 48 patients treating with TPRK and 34 patients with LASEK were followed up for 6 months to 1 year summary. TPRK can correct myopia and astigmatism with high safety and efficacy; comparing to LASEK, TPRK has the advantages of faster epithelium healing and visual recovery, while both achieve great VA. Part (B) presents the study on SMILE clinical outcomes, where a total of 1000 eyes were conducted and 240 eyes having a following up of more than 6 months. The result showed that after surgery, all of the eyes achieved the pre-op best-corrected visual acuity. To evaluate patients' optical quality following corneal laser refractive surgery, we designed a questionnaire based on National Eye Institute Refractive Error Quality of Life instrument. In SMILE group, patients' scores were relatively high for these items, indicating rather satisfying surgical outcomes. It can be concluded from the study that the patients' satisfaction and optical quality were best following SMILE.

## Biography

Ying Li is the Chief Physician and Tutor of Doctoral students at the Department of Ophthalmology in the Chinese Medical Association and the Deputy Head of the Corneal Disease Group. He is the Member of the Asian Dry Eye Institute and Director of Corneal Myopia Laser Surgery Center at the Peking Union Medical College Hospital.

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