See clearly, live freely with TransPRK

With advancements in medical technology, many are turning to modern laser vision correction methods to solve their myopic woes and help them regain perfect vision.

Surface-based procedures such as TransPRK have been gaining popularity at our centre as these procedures do not cut the eye and no surgical instrument touches the cornea.

Dr Tony Ho, ophthalmologist at Clearvision Eye Clinic & LASIK Centre who specializes in the TransPRK procedure, says: “I find that a lot of patients are more comfortable with a surface procedure like TransPRK because they know that their cornea will not be cut.”

The TransPRK procedure starts off with the application of numbing eye drops. The Schwind Amaris 1050RS excimer laser — equipped with SmartSurface technology — is then used to reshape the curvature of the cornea. The only thing the patient has to do is focus on the green blinking light ahead of them for 20 to 40 seconds — and the procedure is complete.

Changing the curvature of the cornea surface changes the way light bends into the eye and corrects eye refractive errors such as myopia, far-sightedness, presbyopia (lao hua) and astigmatism.

There are five benefits of TransPRK:

- **Safe and minimally invasive**
  The TransPRK procedure does not involve any surgical instruments to clamp the eyeball or touch the cornea. Only the laser touches the cornea, making it safe and seamless.

- **No fear of cut cornea**
  Your cornea will not be cut during TransPRK, eliminating any frightening vision black outs. You are only required to focus on the green light ahead of you, and that will reshape your cornea from the surface.

- **Minimal risk of dry eyes**
  As no corneal nerve endings are cut in TransPRK, there is minimal risk of dry eye problems post-operatively. The risk of LASIK-induced dry eyes is also kept minimal.

- **No risk of flap complications**
  TransPRK is a surface-based procedure that does not cut a corneal flap. This eliminates entirely any cut-flap or lenticule-flap related complications, so that the risk of corneal flap complications post-op is zero.

- **Preferred option for active sportspeople**
  Active sportspeople and military personnel have higher risk of exposure to eye injuries that may cause cornea flap dislodgement problems if they opt to do flap-based laser vision correction methods. With a surface procedure like TransPRK, you have zero risk of corneal flap problems and you may resume your sports activities one to two weeks after the procedure with no fear.

To know more, visit www.clearvision.com.sg/talk to register for Clearvision’s Beyond LASIK Talk at Marriott Tang Plaza Hotel happening on August 20, 2019.