

Highest frequency laser machine unveiled in city

Our Correspondent

Kolkata: Priyamavada Birla Aravind Eye Hospital unveiled the world's highest frequency laser machine of 500 Hertz, called Wavelight EX 500 Hz Excimer Laser Machine. With this machine, Lasik surgery can be performed with greater precision and from now on, people would be able to avail the services at a much lower price.

On Saturday, Lasik surgery was introduced at the hospital by H V Lodha, chairman, M P Birla Group. Also present on the occasion were ophthalmologists from Aravind Eye Hospital, Madurai, including M Srinivasan, director, Aravind Eye Care System, Madurai.

Hospital officials revealed that the new machine has a high-speed eye tracker which follows the fastest movement of the eyes at 500 times per second, ensuring accurate placement of each laser pulse on the cornea. The number of spots and

pattern of application are delivered under computer control with the end result being the safest and most effective refractive corrections in the world.

"We have gone in for the latest 'Wavefront Lasik' machine. Unlike conventional Lasik, the latest Wavefront custom Lasik has a mapping system that guides the laser. Wavefront can be used for virtually all laser eye surgery techniques and can be tailor-made to the requirement of a particular patient, using 3D measurements," said an ophthalmologist of the hospital.

"Lasik, known as a tool of cosmetic surgery, has evolved on the basis of sound technology, enhancing safety of the eye and providing precision results," said Lodha, in his inaugural speech. The eye care unit, set up in collaboration with Aravind Eye Hospital & Post-Graduate Institute of Ophthalmology, Madurai, aims to serve patients from Bihar, Jharkhand, Odisha etc.