

First International Workshop, 29-30 Aprile 2006, Mombay, India

JASLOK HOSPITAL AND RESEARCH CENTRE CONDUCTS THE FIRST INTERNATIONAL WORKSHOP WITH THE REVOLUTIONARY NEW CONTINUOUS WAVE SURGICAL LASER, REVOLIX

Dr Stefano Mattioli, of Milan, Italy, with extensive laser application experience in Urology; will demonstrate techniques of vaporization and vaporesction of prostate gland.

Obstruction to the prostate gland is a common problem in most of men in the age group of 55- 100. Using the RevoLix laser, and Dr Mattioli's technique, a patient, with even a large prostate gland can get rid of the obstruction to the urinary passage in a day, and return to home.

RevoLix, a new invention in the field of surgery, is a continuous wave diode pumped solid state laser with a wavelength of 2.0 micrometers. This wavelength, vaporizes the tissue by getting absorbed in the water of the cells. Every human cell contains water, hence Revolix laser can be used virtually in all the surgical applications where vaporization, resection, cutting and coagulation of tissue is required. Advantage of this laser is its efficacy on non vascular tissue.

With minimal thermal side effects, this laser is safe on eyes of the operating room personnel.

Being a good haemostatic laser, the procedures are safer even in patients on anticoagulation.

Dr Raina, Consultant Urologist, Jaslok Hospital, feels this new armamentarium for prostatic hypertrophy, with its cost effectiveness and efficacy would be an ideal laser for prostate patients.

Follow up of 18 months results in Europe are encouraging.

Revolix, comes from LISA, a specialized laser company from Germany. This is a transportable laser which can withstand the various operating conditions in India and is highly economical as the laser fibers used in this machine are re-usable.