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Moses laser technologyÂ brings new hope in prostate surgery

25 May 2021 | News

A live surgery performed at Columbia Asia Referral Hospital Yeshwanthpur during APAC Moses master campaign conference



The APAC Moses master campaign virtual conference was recently held to showcase technological advancements in the medical field. Dr Manohar T, Chief Urologist, Columbia Asia Referral Hospital Yeshwanthpur (a unit of Manipal Hospitals) performed a live surgery demonstrating Moses technology (MOLEP) to treat prostate enlargement.

A 72-year-old person suffering from prostate enlargement underwent the surgery at Columbia Asia Referral Hospital Yeshwanthpur. The patient had symptoms of urine blockage and a hernia. During the consultation, he was again diagnosed with prostate enlargement which required immediate surgery. The patient agreed to undergo prostate surgery using Moses technology.

Moses technology uses a high power holmium laser (120 watts) to perform endourology procedures more efficiently. Here small internal endoscopes are used to remove stones, faster and more efficiently. The laser pulse can reach farther distance and deliver enhanced energy which may decrease blood loss and operating time. Also with this technology prostate of any size can be treated and the procedure will be painless. The technology will help people who are suffering from conditions related to cardiac problems or those on blood thinners.

Dr Manohar said, “The benefit of this procedure is that there is only 0.1 per cent possibility for reoccurrence in 10 years whereas it is more than 15 per cent in five years in the conventional method. Also, the person’s age is not a constraint. This technology is a paradigm shift in transforming the treatment methodologies and has proven to be efficacious and safe to treat the prostate condition. Though there are various other laser treatments available to treat prostate enlargement, Moses laser treatment works efficiently due to its high power and the patient can be discharged on the same day catheter free.”

Doctors from Japan, China, Korea and India presented cases from their respective countries. Healthcare professionals and doctors from across the world participated in the conference and witnessed the latest innovations in the healthcare sector.