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Robotics in Ent, Head & Neck: Our Institutional Experience of 108 cases at Indraprastha Apollo Hospital, New Delhi, India

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The world over robotic surgery is fast gaining ground as a preferred mode of surgery. Apart from clear advantages such as higher patient comfort & safety, it also helps significantly cut down length of stay at hospital. Robotic ENT surgeries program was started in our institution in 2017. Till April 2019, 108 cases have been performed for various indications i.e. sleep apnoea surgeries (61), thyroid surgeries(30), parathyroid surgery(1), haemangioma base of tongue(1), lingual thyroid base of tongue(1), Submandibular gland dissection(1), base of tongue cancers(3). In our experience results of robotic surgeries are very satisfactory for both patient & surgeon. Out of 108, only 1 patient required ICU stay. Patient response in terms of relief, specially in sleep surgeries is overwhelming. Robotic surgery has rapid learning curve, short stay for patient, minimal bleeding, minimally invasive so less morbidity, better cosmesis & very good for teaching anatomy & surgical steps to juniors.



DA VINCI Robotic Arms



Lingual Thyroid



Post healing TORS in sleep apnoea



Tumour Base of tongue

Biography

Dr. Kalpana Nagpal is a senior consultant in Dept. of ENT, Head & Neck Surgery and Robotics at Indraprastha Apollo Hospital, New Delhi, India. She has 26 years of experience. Training for Robotics was from Yonsei University, Seoul, South Korea. She has worked in rhinology with Dr. Frederick Kuhn at Savannah, Georgia, USA. She is doing basic & advanced ENT, Head and neck surgeries.

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