

## Ent surgery

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**Aims:** To describe the current applications of the use of Robotic surgery in the management of ear nose and throat disorders.

**Methods:** Review of literature and clinical experience at LSU health sciences center with robotic surgery in ent.

**Results:** The use of the Da Vinci system is described for the management of

1. Cancers of the tonsil and base of the tongue
2. Thyroid and parathyroid disease from distant access ports. e.g., axilla
3. Robotic surgery for the management of salivary stone
4. Robotic surgery for parapharyngeal space tumors

**Conclusion:** Robotic surgery has a significant role in the management of ent disorders. Since it's a relatively new introduction to the surgical armamentarium of the ent surgeon, continued research and validation as well as procedure optimization will help define the role it will play in future years.

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