

# Transoral Laser Microsurgery Of Benign And Malignant Lesions

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### Transoral Laser Microsurgery Of Benign

#### **CO2 Transoral Laser Microsurgery in Benign, Premalignant ...**

medicines Review CO2 Transoral Laser Microsurgery in Benign, Premalignant and Malignant (Tis, T1, T2) Lesion of the Glottis A Literature Review Carlos Miguel Chiesa-Estomba 1,2, Jose Angel González-García 1, Ekhiñe Larruscain 1, Christian Calvo-Henríquez 3,4, Miguel Mayo-Yáñez 4,5 and Jon A Sistiaga-Suarez 1 1 Otorhinolaryngology—Head & Neck surgery Department, Hospital Universitario

#### **Transoral Laser Microsurgery in Carcinomas of the Oral ...**

2 laser into microsurgery of the larynx in the early 1970s The CO 2 laser was increasingly utilized in the 1980s in the treatment of benign lesions in the larynx, particularly recurrent laryngeal papillomatosis However, lasers were introduced more slowly in the treatment of malignancies and were restricted to only a few centers throughout

#### **Transoral laser microsurgery: applications in head and ...**

particularly in transoral laser microsurgery of oropharyngeal neoplasms [5,6] The 10,600-nm wavelength of the carbon dioxide laser imparts particular properties that make it most useful in head and neck surgery The first is that at the laser-tissue interface, the laser energy is transformed into thermal energy that is absorbed, which

#### **Office-based CO2 laser surgery for benign and premalignant ...**

completed in August 2018 Adult patients with clinically benign or premalignant laryngeal lesions who could not undergo transoral laser microsurgery in the operating room under general anesthesia were included Reasons were either contraindications for gen-

#### **A Case Report of Endoscopic Transoral Laser Excision of a ...**

Transoral laser microsurgery is increasingly being used to access difficult to access areas When aided with endoscopes which angular vision leads to significant decrease in morbidity A diode laser was used in this surgery which had the added advantage of being fiber delivered to provide excellent haemostasis Hamartomas are extremely rare benign

**Intraoperative Surgical Complications The Author(s) 2019 ...**

2 transoral laser microsurgery (TOLMS) around the world However, CO<sub>2</sub> TOLMS of the larynx is not a harmless technique There are some papers that focus on perioperative or postoperative complications after laser surgery of tumors of the upper aerodigestive tract, most of them retrospective in nature and none of them related explicitly to

**Transoral Robotic Surgery in Head and Neck Cancer: What ...**

transoral techniques such as laser microsurgery or loupes magnification surgery; in addition, the technique takes advantage of the dexterity and precision afforded by the robotic instruments (13,14) It provides improved definition of safe surgical margins for complete en bloc resection of tumors, compared with other minimally invasive transoral

**Transoral Endoscopic Excision without Robots or Lasers: A ...**

Transoral laser microsurgery and transoral robotic surgery (TORS) resection of BOTs were introduced to provide better functional outcome in patients post-operatively, while maintaining good oncological outcome [2,3] We report two cases of tongue base tumours that were excised using transoral endoscopic approach without robots or lasers

**OPEN ACCESS ATLAS OF OTOLARYNGOLOGY, HEAD & NECK ...**

TRANSORAL LASER MICROSURGERY (TLM) OF CANCERS & OTHER PATHOLOGY OF THE UPPER AERODIGESTIVE TRACT Johan Fagan, Wolfgang Steiner CO<sub>2</sub> laser is used to resect or vaporise benign and malignant lesions of the upper aerodigestive tract This chapter focuses on transoral CO<sub>2</sub> laser technique using a micromanipulator attached to an operating

**Obstructive laryngeal schwannoma in a young female**

endolaryngeal exposure, transoral CO<sub>2</sub> laser microsurgery can be a reasonable treatment option [3,12] Moreover, transoral robotic surgery-assisted excision of schwannoma in the supraglottic larynx has been reported recently [13] Larger tumors or recurrent disease may require a tracheostomy followed by an external approach; for example,

**Transoral endoscopic head and neck surgery (eHNS) for ...**

Transoral endoscopic head and neck surgery (eHNS) provides a minimally invasive approach for the surgical management of patients with tumors of the oropharynx [1] Transoral laser microsurgery (TLM) is an invaluable component in the management of upper airway malignancies, and the clinical utility of transoral robotic surgery

**CO<sub>2</sub> laser versus cold steel margin analysis following ...**

2 Laser surgery, Tumor margin Introduction In 1972, Strong and Jako were the first to report the use of transoral laser microsurgery (TLM) in the treatment of glottic cancer [1] Since the early 1990s, the indications for TLM have expanded to include all tumor categories of ...

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