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Name of Journal: *World Journal of Clinical Cases***Manuscript NO:** 52787**Manuscript Type:** CASE REPORT

Surgical resection of a large adult hypopharyngeal hemangioma using neodymium-doped yttrium aluminum garnet laser: A case report

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Abstract

BACKGROUND

Generally, hemangiomas do not require surgical intervention; however, cases of large hemangiomas, potentially involving the throat and trachea, necessitate surgical therapy. Here, we present a case of adult hypopharyngeal hemangioma that was successfully treated with neodymium-doped yttrium

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Author: Jérôme René Lechien, Lisa G. De Mar... Publish Year: 2017

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surgical resection is the mainstay of therapy. The goal of therapy is directed at control of the tumor and relief of symptoms rather than total eradication of the lesion. Laser therapy is a very useful adjunct in the management of these vascular neoplasms. The neodymium: yttrium-aluminum-garnet laser (Nd:YAG laser) functions at a wavelength

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If used properly, the Nd:YAG laser is a safe and effective tool for the treatment of large vascular lesions.

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PDF | Key Clinical Message Hemangioma is a benign tumor rarely found in adult, especially in



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Author: Jérôme René Lechien, Lisa G. De Mar... Publish Year: 2017

Hemangioma of the pyriform sinus - ScienceDirect

<https://www.sciencedirect.com/science/article/pii/S0194599801701234>

Open surgical excision is a last resort procedure that should only be considered in cases of large hemangiomas for which other procedures can be expected to be insufficient. Laser therapy has proven to be a very useful adjunct in the management of vascular neoplasms.

Cited by: 5 Author: Yuan-Ching Guo, Pen-Yuan Chu, Donald ...

Publish Year: 2001

Anesthetic management for bronchoscopy and debulking of ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4610102>

CASE REPORT. Anesthesia was maintained with a supplemental dose of injection fentanyl 20 µg, injection vecuronium and propofol infusion at 100-120 mg/h (4.5 mg/kg/h). Resection of the tumor was done using punch forceps through the bronchoscope using multiple attempts and hemostasis ...

Nd:YAG LASER treatment of a complex airway venous ...

<https://www.sciencedirect.com/science/article/pii/S1871404815000313>

2.1. Nd:YAG LASER surgical technique. Laryngoscopy was performed and an optical endoscope was used to visualize, magnify, and illuminate the laryngeal structures. The fiberoptic delivery system was secured to the endoscope using moistened and wet adhesive strips. Strict laser and airway fire precautions and safety measures were employed throughout.

Author: Gary H. Ho, Jonathan Mallen, Jonatha... Publish Year: 2015

Updated classification and therapy of vascular ...

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Author: Bin Zhang, Lin Ma