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Journal of Hospital Pharmacy
 An Official Publication of Bureau for Health & Education Status Upliftment
 (Constitutionally Entitled As Health-Education, Bureau)

JOHP

Unilateral Vocal Cord Palsy Induced by Thyromegaly: A Case Report

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ABSTRACT:

Introduction: Unilateral vocal cord paralysis due to thyromegaly with nodules is a rare manifestation with symptoms of swelling and pain over neck. Etiological factors leading to vocal cord palsy includes nerve injury during surgery, pressure on the nerves from a tumor growing near to them, stroke. **Objective:** To report a case of a patient with unilateral vocal cord palsy caused induced by thyromegaly with nodules. **Case report:** A 47 year old female patient presented with complaints of swelling and pain over neck since 2 months. DLE 70° scopy and sonography revealed thyromegaly with nodules. She was diagnosed with unilateral vocal cord paralysis induced by thyromegaly, and was submitted to thyroidectomy. After the treatment, patient was clinically stable and was discharged **Discussion:** Paralysis is frequently induced by malignant thyroid disease's direct invasion or compression of the recurrent laryngeal nerve, although it can also be caused by idiopathic nerve compression or stretching in the case of benign thyroid disease. The paralysis of the vocal cords could be temporary or permanent. The most common treatment for unilateral vocal cord paralysis is voice therapy and surgery.

Keywords: vocal cord palsy, thyromegaly

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Website: http://www.journalofhospitalpharmacy.in	Quick Response Code:
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