

THYROID SURGERY CAN IMPROVE LARYNGEAL MOBILITY.

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1. Purpose of the study.

Alteration of the laryngeal mobility, due to nerve injury, is a well known complication of thyroid surgery. However, a laryngeal paresis can also be found in patients with thyroid pathology before the intervention. We present here the cases of 4 patients with pre-operative laryngeal paresis, which significantly improved after a thyroid surgery.

2. Materials and methods.

We performed a prospective study from 2013 to 2016, doing laryngostroboscopy and a complete vocal assessment to patients candidates to a thyroid surgery, 3 months before and 10 days after the intervention. 250 patients were included, 6 of them (2,4%) having a pre-operative laryngeal paresis.

3. Results.

4 of the 6 patients with pre-existent paresis improved their laryngeal mobility at the post-operative examination, 3 of them having a normal mobility, 10 days after the surgery. None of them had a thyroid cancer.

4. Conclusion.

Thyroid surgery can improve a pre-operative laryngeal paresis, probably thanks to the release from stretching or compression induced by the goitre on the laryngeal nerves.