

# The American Journal of Surgery: The Effect of Patient Positioning on Intraoperative Neuromonitoring During Thyroid and Parathyroid Surgery

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From the *American Journal of Surgery*: In this retrospective cohort study, we evaluated 463 adult patients who underwent a total of 502 procedures. The procedures performed included total thyroidectomy, right or left hemithyroidectomy, and parathyroidectomy. Vagus nerve and recurrent laryngeal nerve (RLN) latency and amplitude measurements were analyzed intra-operatively. The distances between the vagus nerve and the trachea were measured via ultrasound during transaxillary procedures. Physicians at Tulane University School of Medicine in the Departments of Surgery and Anesthesiology co-authored the study. See the [abstract](#)

[here](#).

Munshi R, Mankowski N, Souza S, Shalaby H, Elnahla A, Akkera M, Hussein M, Cox K, Borchardt J, McClure B, Shama M, Toraih E, Kandil E. The Effect of Patient Positioning on Intraoperative Neuromonitoring During Thyroid and Parathyroid Surgery. *Am Surg*. 2023 May;89(5):1461-1467. doi: 10.1177/00031348211061103. Epub 2021 Dec 3. PMID: 34861789.