



NIM

Nerve Monitoring Systems

Clinical Outcomes

Journal Articles

Below are journal articles related to the NIM® Nerve Monitoring Systems.

Thyroid Procedures

1. Dralle H. Intraoperative Monitoring of the Recurrent Laryngeal Nerve in Thyroid Surgery. *World J Surg* 2008 Jul; 32(7):1358-66. *This article listed received the World Journal of Surgery award for Best Paper in 2008 and identifies risk-minimizing tools to help avoid recurrent laryngeal nerve palsy.*
2. Lo C, Kwok F, Yuen P. A prospective evaluation of recurrent laryngeal nerve paralysis during thyroidectomy. *Archives of Surgery* 2000;135(2): 204-207.
3. Dionigi G, et al. The technique of intraoperative neuromonitoring in thyroid surgery. *Surg Technol Int*. 2010;19: 25-37.
4. Dionigi G, et al. Why monitor the recurrent laryngeal nerve in thyroid surgery? *J Endocrinal Invest*. 2010; 33: 819-822.
5. Randolph GW. Surgery of the Thyroid and Parathyroid Glands. Chapter 25: Surgical Anatomy of the Recurrent Laryngeal Nerve (p316). *Elsevier Science (USA)*, 2003.
6. Bergenfelz A, Jansson S, Kristoffersson A. Complications of thyroid surgery: results as reported in a database from a multicenter audit comprising 3,660 patients. *Langenbecks Arch Surg*. 2008; 393: 667-673.
7. Ready AR, Barnes AD. Complications of thyroidectomy. *Br J Surg*. 1994; 81: 1555-1556.
8. Randolph GW and Dralle H with the International Intraoperative Monitoring Study Group. Electrophysiologic recurrent laryngeal nerve monitoring during thyroid and parathyroid surgery: international standards guideline statement. *Laryngoscope* 2011; 121:S1-S16.
9. Thomusch O, Sekulla C, Walls G, Machens A, Dralle H. Intraoperative neuromonitoring of surgery for benign goiter. *Amer J Surg*. 2002;183(6): 673-678.
10. Dralle H, Sekulla C, Haerting J, Timmermann W, Neumann HJ, Kruse E, Grond S, Mühlig HP, Richter C, Voß J, Thomusch O, Lippert H, Gastinger I, Brauckhoff M, Gimm O. Risk factors of paralysis and functional outcome after recurrent laryngeal nerve monitoring in thyroid surgery. *Surgery*. 2004;136:1310-1322.
11. Eisele DW. Intraoperative electrophysiologic monitoring of the recurrent laryngeal nerve. *Laryngoscope*. 1996;106: 443-449.
12. Chiang F-Y, Lu I-C, Chen H-C, Chen H-Y, Tsai C-J, Hsiao P-J, Lee K-W, Wu C-W. Anatomical variations of recurrent laryngeal nerve during thyroid surgery; how to identify and handle the variations with intraoperative neuromonitoring. *Kaohsiung J Med Sci*. 2010; 26(11): 575-583.
13. Chiang FY, et al. Intraoperative neuromonitoring for early localization and identification of recurrent laryngeal nerve during thyroid surgery. *Kaohsiung J Med Sci*. 2010; 26(12): 633-638.
14. Chiang FY, et al. Standardization of intraoperative neuromonitoring of recurrently laryngeal nerve in thyroid operation. *World J Surg* 2010; 34(2): 223-229.
15. Dralle H, et al. What benefits does neuromonitoring bring to thyroid surgery? *Artz und Krankenhaus*. 2004; 369-376.

General

1. Beck, Douglas L. *Handbook of Intraoperative Monitoring*. Singular Publishing Group, Inc., 1994.
2. Kartush, Jack and Bouchard, Kenneth R. *Neuromonitoring in Otolaryngology and Head and Neck Surgery*. Raven Press, New York, 1992.
3. Miller, Aage R. *Intraoperative Neurophysiologic Monitoring*. Harwood Academic Publishers, 1995.

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