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Titolo	The Recurrent and Superior Laryngeal Nerves // edited by Gregory W. Randolph
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Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XVII, 313 p. 136 illus., 100 illus. in color.)
Disciplina	617
Soggetti	Surgery Otolaryngology, Operative General Surgery Head and Neck Surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Rates of RLN and SLN injury - Data from National Quality Registries and the literature -- Laryngeal Exan Indications and Techniques -- Neurologic Control of the Larynx -- Micro-neuroanatomy of the Vagus, Superior Laryngeal, and Recurrent Laryngeal Nerves -- Intralaryngeal anatomy of the recurrent laryngeal nerve -- Imaging of the Recurrent Laryngeal Nerve -- RLN Nerve and Inferior Thyroid Crossing -- Recurrent Laryngeal Nerve Branching -- The Recurrent Laryngeal Nerve and the Tubercle of Zuckerkandl -- The Ligament of Berry -- The Non-recurrent inferior laryngeal nerve -- The Boston RLN anatomic classification system -- Surgical Approaches to the Recurrent Laryngeal Nerve -- IONM of the Recurrent Laryngeal Nerve -- Continuous Intraoperative Neuromonitoring (CIONM) of the Recurrent Laryngeal Nerve -- External Branch of Superior Laryngeal Nerve (EBSLN) Anatomic Classification -- Surgical approach and monitoring of the External Branch of the Super Laryngeal Nerve (EBSLN) -- Loss of signal in IONM and staged thyroid surgery -- Mechanism of Injury -- Intraoperative Neural Injury Management: Neuropraxic Non-Transection Injury -- Intraoperative Nerve Injury Management - Transection and Segmental Defects -- Nerve Management: Invasive Disease -- Postoperative

Management of Unilateral RLN Paralysis -- Postoperative management of bilateral vocal cord paralysis -- The recurrent laryngeal nerve and medical malpractice during thyroid surgery -- Postoperative Management of Superior Laryngeal Nerve Paralysis.

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## Sommario/riassunto

This textbook is designed to deliver a comprehensive up-to-date review of all aspects of recurrent laryngeal nerve and superior laryngeal nerve anatomy including surgically important anatomy, key strategic surgical maneuvers, state-of-the-art neural monitoring, preservation of recurrent and superior laryngeal nerves during thyroidectomy and surgical management. Presently, there is no other single book available, that includes all of these surgically important topics explicitly and in-depth. The book is visually oriented with color illustrations and photomicrographs embracing all aspects of recurrent laryngeal nerve anatomy including branching patterns, relationship of the nerve and the inferior thyroid artery and the non-recurrent recurrent laryngeal nerve. A new classification system for recurrent laryngeal nerve anatomy is proposed. Intraoperative neural monitoring of the nerves is also covered in detail along with new horizons and encompass a practical approach to neural monitoring right from set up, actual monitoring and clinical relevance and usefulness of the monitoring data in making surgical decisions. The current status of the field is summarized and placed in context with optimal surgical management of these nerves. All chapters are written by world class US and International experts in anatomy, surgery and nerve monitoring. The Recurrent and Superior Laryngeal Nerves will be of great value to Otolaryngologists and General Surgeons, Endocrine Surgeons, Fellows in Endocrine, Head and Neck Surgery, General Surgery and Otolaryngology residents. .

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