

Surgery Of Larynx And Trachea

[DOWNLOAD HERE](#)

1;Foreword;6 2;Preface;7 3;Contents;9 4;Physiology of Voice Production;15 4.1;Core MessagesDuring phonation the respiratory cycle changes.The vocal fold is composed of the thyroarytenoid muscle;;15 4.2;1.1 Breath Stream;15 4.3;1.2 Laryngeal Vibrator;16 4.4;1.3 Vocal Fold Vibration;17 4.5;1.4 Pitch Control;18 4.6;1.5 Intensity Control;19 4.7;1.6 Vowel Production in the Vocal Tract;20 4.8;1.7 Nervous System Control;21 4.8.1;1.7.1 Sensory Innervation of the Larynx;21 4.8.2;1.7.2 Nerve Centers;22 4.8.3;1.7.3 Reflex Control;22 4.8.4;1.7.4 Audiophonatory Control;22 5;Assessment of Voice and Respiratory Function;24 5.1;Core MessagesVoice is multidimensional. Audio recording is the most important basic requisite for voice quality assessment;24 5.2;2.1 Introduction;24 5.3;2.2 Prerequisite: Recording a Voice Sample;25 5.3.1;2.2.1 Perception;25 5.3.2;2.2.2 Vocal Fold Imaging;26 5.3.2.1;2.2.2.1 Videolaryngostroboscopy;26 5.3.2.2;2.2.2.2 Digital High-Speed Pictures;26 5.3.2.3;2.2.2.3 High-Speed Single-Line Scanning (Video-Kymography);27 5.3.3;2.2.3 Aerodynamics;28 5.3.3.1;2.2.3.1 Phonation Airflow;28 5.3.3.2;2.2.3.2 Subglottal Air Pressure;28 5.3.3.3;2.2.3.3 Efficiency of Phonation;29 5.3.3.4;2.2.3.4 Flow Versus Volume Loops;29 5.3.4;2.2.4 Acoustics;29 5.3.4.1;2.2.4.1 Visible Speech;29 5.3.4.2;2.2.4.2 Acoustical Parameters;31 5.3.4.3;2.2.4.3 Phonetography/Voice Range Profile;32 5.3.5;2.2.5 Self-Evaluation by Patient;33 5.3.6;2.2.6 Adjuvant Techniques;34 5.3.6.1;2.2.6.1 Electroglottography;34 5.3.6.2;2.2.6.2 Electromyography;34 5.3.7;2.2.7 Specific Techniques for Substitution Voices and Spasmodic Dysphonia;35 5.3.8;2.2.8 Basic Protocol for Functional Assessment of Voice Pathology Recommended by the European Laryngological Society, Especial;35 5.3.8.1;2.2.8.1 Example of a report using the proposed basic protocol;36 5.3.8.1.1;Explanation;37 6;Fundamentals of Laryngeal Surgery: Approaches, Instrumentation, and Basic Microlaryngoscopic Techniques;40 6.1;Core MessagesMost laryngeal lesions are located in the mucosa or submucosal space, making them easily accessible to endos;40 6.2;3.1 Historical Background;40 6.3;3.2 Endolaryngeal Versus Extralaryngeal Approach to the Larynx;41 6.4;3.3 Surgical Endoscopy;42 6.5;3.4 Fundamentals of Endolaryngeal Surgery and Equipment;42 6.6;3.5 Laser Systems Used for Endoscopic Surgery of Benign Laryngeal and Tracheal Lesions;44 6.7;3.6 Alternatives to Surgical Laser Use;46 6.7.1;3.6.1 Tissue Cutting;46

6.7.2;3.6.2 Coagulation;47 6.7.3;3.6.3 Vaporization;48 6.7.4;3.6.4 Photodynamic Therapy;48 6.8;3.7 Anesthesia, Perioperative Care, Adjunctive Medical Therapy;48 6.9;3.8 Office-Based Laryngeal Procedures;49 6.10;3.9 Complications of Endoscopic Laser Surgery;49 6.10.1;3.9.1 Tips and Pearls to Avoid Complications;50 7;Endolaryngeal Phonosurgery;51 7.1;Core MessagesPhonosurgery is any surgery designed primarily for the improvement or restoration of voice. Phonosurgery is th;51 7.2;4.1 Vocal Fold Surgery: General Survey;52 7.3;4.2 Tips and pearls;54 8;Microphonosurgery Using Cold Instruments;56 8.1;Core MessagesIn microlaryngoscopy the surgeon and the anaesthesiologist share the same area, therefore a good collaborati;56 8.2;4a.1 Tips and Pearls;60 9;Laser-Assisted Microphonosurgery;62 9.1;Core MessagesCarbon dioxide (CO2) laser should be regarded as complementing the existing instrumentation. It is not mea;62 9.2;4b.1 Tip and Pearls;66 10;Laryngeal Framework Surgery;68 10.1;Core Messages;68 10.2;5.1 Introduction;68 10.3;5.2 Indications and Preoperative Workup;69 10.4;5.3 Surgical Techniques;69 10.4.1;5.3.1 General Factors;69 10.5;5.4 Approximation Laryngoplasty;70 10.5.1;5.4.1 Medialization TPL;70 10.5.2;5.4.2 Arytenoid Adduction;74 10.6;5.5 Expansion LPL;76 10.6.1;5.5.1 Lateralization Thyroplasty;76 10.6.2;5.5.2 Vocal Fold Abduction;77 10.7;5.6 Relaxation LPL;77 10.7.1;5.6.1 Shortening TPL;80 10.8;5.7 Tensioning LPL;80 10.8.1;5.7.1 Cri EAN/ISBN : 9783540791362 Publisher(s): Springer, Berlin Discussed keywords: Halschirurgie Format: ePub/PDF Author(s): Remacle, Marc - Eckel, Hans E.

[DOWNLOAD HERE](#)

Similar manuals: