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Autore	Laporta, Raffaele <1916-2000>
Titolo	Educazione e libertà in una società in progresso / Raffaele Laporta
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Nota di contenuto	Intro -- Preface -- Contents -- Contributors -- Part I: Diagnosis and Preoperative Work-up of Thyroid Disease -- Chapter 1: Ultrasound for Thyroid Nodule Risk Stratification -- Introduction -- Ultrasound Setting and Image Acquisition -- Gray-scale Ultrasound Characteristics of Thyroid Nodules -- Doppler Flow in Thyroid Nodule Evaluation -- Elastography -- Risk Stratification System -- Conclusion -- References -- Chapter 2: Molecular Assessment of Thyroid Nodules -- Introduction -- Cytological Nomenclature of Thyroid Nodules -- Current Trends in the Management of Indeterminate Nodules and Guideline Recommendations -- Machinery of Genomics to Phenotype: DNA, mRNA, ncRNA, and Protein -- Genomics of Thyroid Cancer -- Papillary Thyroid Cancer -- Follicular Adenoma and Follicular Thyroid Cancer -- Hurthle Cell Cancer -- Medullary Thyroid Cancer -- Genomics in Cytologically Indeterminate Results -- Commercially Available Thyroid Nodule Molecular Tests -- Afirma® Gene Expression Classifier and Afirma Gene Sequencing Classifier -- ThyroSeq -- ThyGeNEXT+ThyraMIR -- How to Use Molecular Testing Results to Guide Surgery -- Molecular Diagnostics Beyond Bethesda III/IV Nodules -- Future Directions -- Guiding Initial Management and Subsequent Follow-Up Strategies in Malignant Cases -- Prognostics of Benign Nodules -- Summary -- References -- Chapter

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of Equipment Malfunction -- True Loss of Signal -- Troubleshooting a LOS -- False Negative vs. False Positive Results -- Management Strategies -- Staged Surgery -- Recent Advances in IONM and Future Directions -- Continuous Vagal Monitoring -- Superior Laryngeal Nerve (SLN) Monitoring -- Intraoperative Identification of Nonrecurrent Laryngeal Nerve -- Conclusion -- References -- Chapter 12: Continuous Neuromonitoring of the Recurrent Laryngeal Nerve -- Introduction -- Rationale for Use of c-IONM. Standardized Approach to c-IONM -- Interpretation of c-IONM EMG Data -- Impending Neural Injury -- Artifact -- Signal Recovery -- False Positive and False Negative Events -- Staged Thyroidectomy with c-IONM -- Safety of c-IONM -- c-IONM vs. i-IONM -- Future Perspectives -- References -- Chapter 13: Neuromonitoring of the Superior Laryngeal Nerve -- Introduction -- Injury to the EBSLN and Its Consequences -- Fundamentals of EBSLN Preservation: How It Was Done Prior to IONM -- IONM and EBSLN Preservation -- Benefits of IONM -- Conclusion -- References -- Chapter 14: Advanced Energy Devices -- Introduction -- Bipolar Vessel Sealing Systems -- Other Vessel Sealing Systems -- Ultrasonic Devices -- Challenges, Obstacles, and Misconceptions of Advanced Energy Devices -- Energy Devices in Remote Access Thyroid Surgery -- Future Directions: Radiofrequency Ablation -- Conclusion -- References -- Chapter 15: Parathyroid Gland Fluorescence Imaging -- The Need for Parathyroid Gland Identification and Assessment of Viability -- Parathyroid Gland Identification and Detection -- ICG -- Autofluorescence Imaging -- The Future of Fluorescence Imaging -- References -- Chapter 16: Intraoperative PTH Monitoring -- Historical Perspective -- Technical Considerations -- Assay Characteristics -- Source of Blood Samples -- Modern Application -- Previously Proposed Algorithms for Intraoperative Application of the PTH Assay -- Modern ioPTH Interpretation -- Interpretation of ioPTH in Renal Patients -- Novel Uses -- Tissue Aspirates: Preoperative and Intraoperative -- Bilateral IJ Sampling -- Final Considerations and Future Possibilities -- Changing Phenotype -- Faster Alternatives to the Rapid ioPTH -- References -- Part IV: Surgical Techniques -- Chapter 17: Minimally Invasive Video-Assisted Parathyroidectomy (MIVAP) and Minimally Invasive Video-Assisted Thyroidectomy (MIVAT). Minimally Invasive Video-Assisted Parathyroidectomy (MIVAP) -- Introduction -- The Technique -- Indications for MIVAP -- Advantages and Key Points of the Technique -- Limits and Drawbacks -- Minimally Invasive Video-Assisted Thyroidectomy (MIVAT) -- The Technique -- Indications -- Advantages of MIVAT -- Conclusion -- References -- Chapter 18: Robotic Transaxillary Thyroidectomy -- Introduction -- Patient Selection, Indications, and Contraindications -- Surgical Technique -- Postoperative Care and Complications -- Advantages and Disadvantages -- Future Directions -- References -- Chapter 19: Transoral Thyroidectomy -- Introduction -- Remote-Access Thyroid Surgery -- Overview -- Limitations of the Previously Described Remote-Access Thyroid Surgery -- Development of Transoral Thyroid Surgery -- The Value of Avoiding a Cervical Incision -- The Role of Robotic Surgical Systems in Transoral Thyroid Surgery -- Surgical Technique -- Limitations of TOETVA -- Future Directions -- References -- Part V: Postoperative Management -- Chapter 20: Ambulatory Endocrine Surgery -- Introduction -- Potential Benefits of Ambulatory Endocrine Surgery -- Ambulatory Thyroid Surgery -- Challenges and Risks of Ambulatory Thyroid Surgery -- Recurrent Laryngeal Nerve Injury and Risk of Aspiration -- Post-Thyroidectomy Neck Hematoma and Risk of Asphyxiation -- Hypoparathyroidism and Risk of Severe

Hypocalcemia and Tetany -- Postoperative Pain, Nausea, and Vomiting
-- Ambulatory Parathyroid Surgery -- Conclusion -- References --
Chapter 21: Postoperative Calcium Management -- Introduction --
Patient and Disease Predisposing Risk Factors -- Signs and Symptoms
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Levels -- Prognostication of Postoperative
Hypoparathyroidism/Hypocalcemia -- Management of Postoperative
Hypoparathyroidism/Hypocalcemia -- Hungry Bone Syndrome.
Conclusion.
