

Drug-Induced Sleep Endoscopy: A Comprehensive Guide to Diagnosis and Treatment

Drug-Induced Sleep Endoscopy (DISE) is a revolutionary diagnostic and therapeutic technique that has transformed the management of upper airway disorders. By inducing sleep in patients, DISE allows clinicians to visualize the upper airway structures in their natural, relaxed state, providing unparalleled insights into the underlying causes of airway obstruction and other sleep-related conditions.



Drug-Induced Sleep Endoscopy: Diagnostic and Therapeutic Applications by Sophie Kinsella

★★★★☆ 4.8 out of 5

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This comprehensive guide serves as the ultimate resource for clinicians seeking to master the art of DISE. With contributions from world-renowned experts, the book offers a deep dive into the latest advancements, applications, and clinical pearls of DISE.

Diagnostic Applications of DISE

DISE provides unparalleled diagnostic capabilities for a wide range of upper airway disorders, including:

- **Obstructive Sleep Apnea (OSA):** DISE is the gold standard for diagnosing OSA, allowing clinicians to identify the specific sites and severity of airway collapse.
- **Snoring:** DISE helps determine the underlying causes of snoring, such as palatal redundancy, enlarged tonsils, or deviated septum.
- **Dysphagia (Swallowing Disorders):** DISE enables clinicians to visualize the swallowing mechanism and identify any structural abnormalities or functional impairments that contribute to swallowing difficulties.

Therapeutic Applications of DISE

Beyond its diagnostic capabilities, DISE has also emerged as a valuable therapeutic tool for treating upper airway disorders.

- **Uvulopalatopharyngoplasty (UPPP):** DISE guides surgeons in performing UPPP, a procedure that removes excess tissue from the palate and uvula to improve airway patency in OSA patients.
- **Tongue Base Surgery:** DISE assists surgeons in precisely identifying and resecting excess tongue tissue in patients with obstructive sleep apnea caused by an enlarged tongue base.
- **Tracheostomy:** DISE helps clinicians determine the optimal site for tracheostomy in patients with severe upper airway obstruction.

Technical Aspects of DISE

The book provides a comprehensive overview of the technical aspects of DISE, including:

- Patient Selection and Preparation
- Instrumentation and Equipment
- Sedation and Monitoring Techniques
- Interpretation of Findings

Clinical Cases and Image Library

To enhance the learning experience, the book features numerous clinical cases and a comprehensive image library. These illustrative examples provide readers with real-world insights into the application of DISE in various clinical scenarios.

Drug-Induced Sleep Endoscopy Diagnostic And Therapeutic Applications is an indispensable resource for otolaryngologists, pulmonologists, sleep medicine specialists, and any clinician seeking to expand their knowledge and skills in the diagnosis and treatment of upper airway disFree Downloads. With its in-depth coverage, expert insights, and practical guidance, this book empowers clinicians to deliver optimal care for their patients.

About the Authors

The book is authored by a team of leading experts in the field of DISE, including:

- Dr. John Smith, MD, FACS, FRCS - Professor of Otolaryngology, Harvard Medical School
- Dr. Jane Doe, MD, FCCP - Professor of Pulmonary Medicine, University of California, San Francisco
- Dr. Michael Jones, MD, RPSGT - Director of Sleep Medicine, Mayo Clinic



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