Foundations of Stroboscopic Interpretation and Clinical Cases
SIG 3

INTRODUCTION

In this series of SIG 3 articles, a foundation for laryngeal endoscopic imaging and interpreting videoendoscopic parameters is provided. These concepts are then put into practice in the context of three case studies focused on muscle tension dysphonia, bilateral vocal fold lesions, and vocal fold immobility. In the cases, auditory perceptual analysis, acoustic and aerodynamic measures, and candidacy for voice therapy are assessed in addition to videoendoscopic parameters. Video and audio examples are included to provide an interactive experience for the reader.

LEARNING OUTCOMES

You will be able to:

- describe the laryngeal imaging techniques of videoendoscopy and videostroboscopy, including distinctions and clinical uses
- explain the auditory-perceptual characteristics of the voice using the sustained /a/ vowel and Consensus Auditory-Perceptual Evaluation of Voice sentences in the provided .wav file
- define normal and abnormal acoustic and aerodynamic outcomes of the voice assessment
- interpret videostroboscopic ratings of muscle tension dysphonia, bilateral vocal fold lesions, and unilateral vocal fold paralysis

CONTENTS

Laryngeal Endoscopic Imaging: Fundamentals and Key Concepts for Rating Selected Parameters by Bruce J. Poburka and Rita Patel

Clinical Case Study: Muscle Tension Dysphonia by Adrianna C. Shembel, Cory Atkinson, and Lesley Childs

Clinical Case Study: Space Occupying Vocal Fold Lesions by Amanda I. Gillespie

Unilateral Vocal Fold Paralysis: The “Trifecta”—Dysphonia, Dysphagia, and Dyspnea by Michelle Adessa

PROGRAM HISTORY and IMPORTANT INFORMATION

Start date: April 27, 2022
End date: April 27, 2027
To earn continuing education credit, you must complete the learning assessment on or before April 27, 2027.

This course is offered for 0.10 ASHA CEUs (Intermediate level, Professional area).