Videofluoroscopic Review of Swallowing: Biomechanics, Physiology, and Pathology

Edited by: Roger D. Newman, Julie M. Nightingale
Details: DVD
Release Date: 06/30/2012

$52.95

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Overview

Videofluoroscopic Review of Swallowing: Biomechanics, Physiology, and Pathology is a full-length DVD that shows real-time videofluoroscopic swallowing study (VFSS) images of the normal swallow and abnormal swallows seen in a variety of disorders, ranging from neurological to structural. A full radiological narrative accompanies the X-ray image sequences displayed in the DVD to assist the viewer interpret the images and enhance his or her own learning of the biomechanics of swallowing.

A VFSS is a modification of the standard barium swallow and enables the oropharyngeal, hypopharyngeal and proximal esophageal phases of swallowing to be functionally examined in fine detail. Visualizing the swallowing mechanism in action often assists in the diagnostic process and provides a baseline upon which the multidisciplinary team can create a treatment plan. However, simply reading a test or viewing static videofluoroscopic images does not facilitate full engagement of advanced learning of the technique, the different presenting disorders, and the potential swallowing modifications available to clinicians. It is essential that all professionals involved in the procedure demonstrate an enhanced knowledge and understanding of the interpretation of the VFSS, something which can only be achieved through real-time functional image interpretation.

Videofluoroscopic Review of Swallowing: Biomechanics, Physiology, and Pathology is an essential tool for the development of crucial diagnostic and treatment skills of the entire multidisciplinary VFSS team.

Learn about the related book by the same authors: Videofluoroscopy: A Multidisciplinary Team Approach.

Buy the book and DVD together and save 15 percent.

Review

- Cameron Seiler, SLT, Site and Team Lead, NHS Greater Glasgow and Clyde, Royal College of Speech and Language Therapists Bulletin (July 2013): "This ambitious textbook and DVD is clearly designed for the SLT who is relatively new to the field of videofluoroscopy of swallow studies (VFSS). It has much to offer the team considering establishing a new VFSS service and those who consider themselves experts will also find much that is instructive. It offers a comprehensive range of topics, across many clinical fields and clinical indications. The authors, many of whom are highly regarded in the world of dysphagia, are non-medical and include our radiography colleagues. The book includes many gems, not least the reminders by Hockaday, and Doetjen, and Coyle to avoid a simple descriptive narrative of the VFSS and consider the underlying neurology and biomechanics..."
Publication

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About The Editors

Roger D. Newman

Roger D. Newman, BSc (Hons), MSc, MRCSLT, is a Highly Specialist Speech and Language Therapist at Lancashire Teaching Hospitals NHS Trust, UK. He is also currently a Senior Lecturer on the University of Manchester’s undergraduate BSc (Hons) Speech and Language Therapy degree program, and an Honorary Lecturer on the Masters Level course in Advanced Imaging at the University of Salford, Greater Manchester. His specialist clinical interests include the objective examination of dysphagia via videofluoroscopy and interpretation of highly abnormal images, which prompted publication of the rare case of dysphagia in hyoid bone fracture. Adult acute disorders of swallowing, including in patients with a tracheostomy tube in-situ, are also areas at which he excels. His research interests include quality in service provision and he has just completed a Transatlantic Comparative Study of Acute Dysphagia Services. The ethics and legalities of feeding in the end of life are also areas of significant interest.

Julie M. Nightingale

Julie Nightingale PhD, MSc, DChar(R), is a registered diagnostic radiographer and radiography educator holding the position of Director of Radiography / Head of Department at the University of Salford, Greater Manchester, United Kingdom (UK). With a special interest in promoting practitioner-led gastrointestinal imaging, she has developed and delivered a range of programs at the Masters Level, including a unique UK module promoting best practice in practitioner-led videofluoroscopy. She was a founding member and former Chair of the UK-based Gastrointestinal Imaging Radiographers Special Interest Group (GIRSIG), and has organized several multi-disciplinary conferences related to GI imaging. Research interests and publications have centered upon advanced and non-medical consultant practice, including associated risks and benefits and the impact upon patient care. She has previously edited two textbooks related to advanced practice. Her teaching focus is related to anatomy and physiology, health care ethics, medicolegal issues, and research methodology. She is currently leading a research group exploring the patient experience of radiology investigations, including radiological management of the obese patient.