

SWALLOWING DISORDERS
2 Hr Course Outline
Instructor-Karnell
FALL, 1997

1

Required Text:

Logemann, J.A. Manual for the videofluorographic study of swallowing. Pro-Ed, Austin.

Recommended Text:

"DYSPHAGIA: DIAGNOSIS AND MANAGEMENT", Michael E. Groher, ed, Butterworth-Heinemann, Boston, 3rd Edition, 1997.



Required Supplemental Reading:

Kahrilas, P.J. 1989 The anatomy and physiology of dysphagia. Chapter in "DYSPHAGIA: DIAGNOSIS AND TREATMENT", David W. Gelfand and Joel E Richter, eds., Igaku-Shoin Ltd, New York.

No Class scheduled for Monday, September 1 (Labour Day) or Wednesday, November 26 (Thanksgiving Recess).

I. Normal Anatomy & Physiology

Readings: Logeman Chapter 2 (p 7-20) Normal Radiographic anatomy and Physiology
Groher Chap 1 (1-5) The Nature of the Problem
Groher Chap 2 (7-21, 23-29) The Neurology of Swallowing
Groher Chap 6 (131-138) Development and Impairment of Feeding and Swallowing in Infancy and Childhood

MEETING

- 1 Anatomy & Phys.
- 2 Anatomy & Phys.

- 3 Neural Control
- 4 Biomechanics/Bolus Flow

- 5 Developmental Influences

II. Abnormal Swallow

Readings: Logeman Chap 2 (p 21-27) Normal Radiographic Anatomy and Physiology
Logeman Chap 5 (p 73-114) Radiographic Symptoms and Swallowing Disorders)
Groher Chap 2 (p 21-23) The Neurology of Swallowing
Groher Chap 3 (p 37-72) Neurologic Disorders
Groher Chap 4 (p 73-106) Mechanical Disorders
Groher Chap 6 (p 138-167) Development and Impairment of Feeding and Swallowing in Infancy and Childhood.

- 6 Etiology
- 7 Signs/Symptoms
- 8 Signs/Symptoms

- 9 Pathophysiology
- 10 EXAM 1 (Monday September 29)

III. Assessment

2

Readings: Logeman Chap 1 (p 1-6) Assessment of Need and Readiness for MBS
Logeman Chap 3 (p 29-44) MBS Procedures
Logeman Chap 4 (p45-72) Variations in MBS
Logeman Chap 6 (p 115-126) Measurement of Swallow from Videofluorographic Studies
Groher Chap 7 (169-181) Clinical Examination for Dysphagia
Groher Chap 8 (p 163-196) Radiologic Evaluation of Swallowing

- 11 History
- 12 Non-Instrumental Examination (adult)

- 13 Non-Instrumental Examination (pediatric)
- 14 Instrumental Examination (OPM)

- 15 Instrumental Examination (OPM)
- 16 Instrumental Examination (OPM)

- 17 Instrumental Examination (Other Techniques)

- 18 Instrumental Examination (Pediatric)
- 19 EXAM 2 (Wednesday October 29)

IV. Management

Readings: Logeman Chap 7 (p 127-142) Decision Making During the Radiographic Study
Logeman Chap 8 (p 143-146) Report and Recommendations
Logeman Chap 9 (p 147-154) Sample Reports
Groher Chap 9 (p 223-243) General Treatment of Neurologic Swallowing Disorders
Groher Chap 11 (p 265-287) Treatment of Mechanical Swallowing Disorders
Groher Chap 12 (p 289-312) Nutritional Considerations
Groher Chap 13 (p 313-336) Nursing Management of Swallowing Disorders
Groher Chap 14 (337-355) Surgical Intervention in Dysphagia
Groher Chap 15 (357-370) Establishing a Swallowing Program

- 20 Management of Neurologic Swallowing Disorders
- 21 Management of Neurologic Swallowing Disorders

- 22 Management of Structural Swallowing Disorders
- 23 Management of Structural Swallowing Disorders

- 24 Management of Pediatric Swallowing Disorders
- 25 Management of Pediatric Swallowing Disorders

- 26 Documentation
- 27 Ethics

- 28 Efficacy
- 29 Models of Delivery

- 30

- 31 Final Exam (Scheduled for December 18, 4:30 p.m.)