

SWALLOWING DISORDERS
003:236
Course Outline, Fall, 2001

Instructor-M. Karnell
WJSHC Office 125-D
O-HNS office 21268 PFP
Friday 1-2 p.m. or by appointment
335-8731

Teaching Assistant-Karen Bryant
WJSHC Office 226-C
Office Hours 1-3 p.m. Fridays
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Accommodations: Any student requiring an accommodation should contact Dr. Karnell or Karen

Course Objective:

To provide the future speech-language pathologist with a strong foundation for assessment and management of individuals with swallowing disorders.

Required Text:

Logemann, J.A. Evaluation and Treatment of Swallowing Disorders, Second Edition, Pro-Ed, Austin, Tx, 1998.

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.

Additional Unrequired Resources:

Groher, ME, Dysphagia: Diagnosis and Management. Butterworth-Heinemann, Boston, 1992.

Leonard, R, Kendall, K. Dysphagia Assessment and Treatment Planning: A Team Approach, Singular Publishing, San Diego, 1997.

Arvedson, JC, Lefton-Greif, MA Pediatric videofluoroscopic swallow studies, A profession manual with caregiver guidelines. Communication Skill Builders, The Psychological Corporation, San Antonio, 1998.

Yorkston, KM, Miller, RM, Strand, EA Management of Speech and Swallowing in Degenerative Diseases. Communication Skill Builders, The Psychological Corporation, San Antonio, 1995.

Classes are scheduled 3:00-4:50 p.m., Tuesdays. Occasional voluntary labs will be scheduled on Friday afternoons.

Class meeting schedule:

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|-----|---------------------------------|-----------|
| 1. | Tuesday, August 28 | |
| 2. | Tuesday, September 4 | |
| 3. | Tuesday, September 11 | |
| 4. | Tuesday, September 18 | |
| 5. | Tuesday, September 25 | |
| 6. | Tuesday, October 2 | (exam #1) |
| 7. | Tuesday, October 9 | |
| 8. | Tuesday, October 16 | |
| 9. | Tuesday, October 23 | |
| 10. | Tuesday, October 30 | |
| 11. | Tuesday, November 6 | (exam #2) |
| 12. | Tuesday, November 13 | |
| 13. | Tuesday, November 20 | |
| 14. | Tuesday, November 27 | |
| 15. | Tuesday, December 4 | |
| 16. | Tuesday, December 11 | |
| 17. | Tuesday, December 18: 9:45 a.m. | (exam #3) |

Course Outline:

I. Introduction, Normal Anatomy & Physiology

Readings: Logemann, Chapter 1 (p 1-12), Chapter 2 (p 13-52)
Kahrilas: Photocopy available in Suite 125

MEETING

- 1 Introduction, Signs/Symptoms
- 2 Anatomy & Phys. Biomechanics/Bolus Flow
- 3 Neural Control, Developmental Influences

II. Instrumental Studies and Pathophysiology

Readings: Logemann Chap 3 (p 53-70), Chap 4, (p 71-134)

MEETING

- 4 Instrumentation
- 5 Pathophysiology
- 6 **EXAM 1 (Tuesday, October 2)**

III. Principles of Assessment and Management

Readings: Logemann Chap 5 (p135-190), Chap 6 (p191-250)

- 7 History, Non-Instrumental Examination (adult)
- 8 Non-Instrumental Examination (pediatric), Instrumental Examination (OPMS)
- 9 Instrumental Examination (OPMS) - Other Techniques
- 10 Therapy probes and Swallowing Therapy
11. **EXAM 2 (Wednesday October 29)**

IV. Management of Swallowing Disorders

Readings: Logemann Chap 7 (p 251-280) Oral and Oropharyngeal Cancer
Logemann Chap 8 (p 281-302) Laryngeal Cancer
Logemann Chap 9 (p 303-344) Neurogenic Disorders
Logemann Chap 11-13 (p 345-374) Clinical Practice Issues

- 12 Management of Neurologic Swallowing Disorders
- 13 Management of Structural Swallowing Disorders
- 14 Management of Pediatric Swallowing Disorders
- 15 Documentation, Medical Tx, Multidisciplinary Tx
- 16 Ethics, Efficacy, Models of Delivery
- 17 **Final Exam (Scheduled for December 18, 9:45 a.m.)**

Course Grade

Grades will be based on the mean score from the three paper tests and acceptable completion of two practical examinations provided with tests 2 & 3. The paper tests may involve a variety of question types including multiple choice, short answer, and brief essay. Tests will not be comprehensive, but some questions may require application of knowledge from previous sections of the course.

Course grades will be assigned based on performance on the tests as follows:

A+ = 98-100%

A = 93-97%

A- = 90-92%

B+ = 88-89%

B = 83-87%

B- = 80-82%

C+ = 78-79%

C = 73-77%

C- = 70-72%

D+ = 68-69%

D = 63-67%

D- = 60-62%

F = 59% or below