### THE MODIFIED BARIUM SWALLOW STUDY IS NOT A FOOD TEST:

Why we shouldn't have Taco Tuesdays

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#### Disclosures

- Financial: Caroline is the Clinical Manager with MBS Envision and receives a salary for her work, which includes the development of this course.
- Non-financial: None



- 1895 first dynamic flurorscopic imaging by Wilhelm Roentgen in Germany Early 1930's- cinefluorography-images of oral and pharyngeal cavities played in rapid sequence up to 60 frames per second
- · Videofluoroscopy-dynamic continual video of events
- Early 70's
  - Dr. Jeri Logmeann completing research on speech in patients with Parkinson's using VF

    - Began to recognize that this population also had problems swallowing
       Presented in 1976 to the ASHA convention in Houston
       Began calling her assessment the "cookie swallow"
    - Published in 1983 a description of the SLPs role in swallowing and advocated this "cookie swallow" before initiating treatment
  - Dr. Larsen and Dr Groher also began to connect SLPs with swallowing with the VA, Dr Groher approached Dr. Logemann after 1976 ASHA

#### Components to assess

#### • ACR:

- The videofluoroscopic study should be performed by the speech-language pathologists for "both diagnosis and assessment of therapy to promote swallowing without aspiration" (p. 4). The evaluation should include: assessment of the oral preparatory phase, the oral transfer phase and the pharyngeal phase of swallowing,

  - assessment of various bolus viscosities and volumes based on the clinical judgement of the speech-language pathologist or radiologists and the individual's presenting symptoms, and assessment of the individual's response to aspiration (e.g., ability to clear aspirated material, effectiveness of therapeutic maneuvers).





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# What do we learn about physiology? Normal vs disordered

- 15% of clinical hours/5% of curriculum
- Do we see normal????
- Maybe not enough....
- My own personal theory

#### Documentation

- What you report is what happened
- If it's not documented, it never happened
- Who are you writing for?
- The bolus is not important, it's the physiology

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### Exceptions? (What about margaritas?)

- Compliance/participation
- Education

#### Take Out

- What information do we need to provide after an MBS?
   Skilled or unskilled?
- How do we choose stimuli that will challenge physiology?
- What new information will that next bite or sip get me?
- If I'm not using a protocol, why not?
- Am I documenting enough?

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