

Score

Description of Events

1. Material does not enter airway
2. Material enters the airway, remains above the vocal folds, and is ejected from the airway.
3. Material enters the airway, remains above the vocal folds, and is not ejected from the airway.
4. Material enters the airway, contacts the vocal folds, and is ejected from the airway.
5. Material enters the airway, contacts the vocal folds, and is not ejected from the airway.
6. Material enters the airway, passes below the vocal folds, and is ejected into the larynx or out of the airway.
7. Material enters the airway, passes below the vocal folds, and is not ejected from the trachea despite effort.
8. Material enters the airway, passes below the vocal folds, and no effort is made to eject.

Table 6 Definitions for severity of vallecula residue

I	None	0 %	No residue
II	Trace	1-5 %	Trace coating of the mucosa
III	Mild	5-25 %	Epiglottic ligament visible
IV	Moderate	25-50 %	Epiglottic ligament covered
V	Severe	>50 %	Filled to epiglottic rim

Project:

Rater:

Video Identifier: _____

DIGEST-FEES™_{©v2}

PAS Modifiers (Frequency/amount of PAS)

Safety Grade

Safety Grade

Maximum Penetration-Aspiration Scale Score

- Maximum PAS score over all bolus trials

- Rate based on liquid, pudding, and solid (cracker/cookie) bolus presentations

- Do NOT rate a bolus trial after strategies were applied

PAS: 1-2

No PAS or flash pen above TVF

PAS: 3-4

Silent pen above TVF or flash pen to TVF

PAS: 5-6

Silent pen to TVF or flash asp

PAS: 7-8

Asp not cleared, silent or sensate

Single event

Intermittent or chronic

Single event, not gross

Intermittent or chronic

Single event, not gross

Intermittent, not gross

Chronic, not gross

Gross, not chronic

Chronic and gross

Grade 0

Grade 0

Grade 1

Grade 1

Grade 2

Grade 1

Grade 2

Grade 3

Grade 4

If any add'l bolus trials PAS=5-6, upgrade to safety grade 2

Frequency/pattern of PAS	Amount of PAS
If max PAS ≥ 3 , select how frequently the maximum PAS range 3-4, 5-6 or PAS 7-8 occurred:	If max PAS ≥ 5 , amount of barium on or below TVF based on worst performance on any single bolus:
<input type="checkbox"/> Single event <input type="checkbox"/> Single+ (max PAS 7-8 only) <input type="checkbox"/> Intermittent (on multiple but <50% of trials on a single consistency) <input type="checkbox"/> Chronic (majority $\geq 50\%$ of thin liquid trials and/or on >1 consistency)	<input type="checkbox"/> Trace (resembles faint coating, droplets or trickle of barium on/below TVF) <input type="checkbox"/> Neither trace nor gross <input type="checkbox"/> Gross (> 25% of bolus volume)

Efficiency Grade

Maximum Percent of Pharyngeal Residue (% PR)

- Maximum estimated percentage (proportion) of bolus residue in pharynx over all bolus trials

- Rate based on liquid, pudding, and solid (cracker/cookie) bolus presentations

- Rate based on estimated percent of pharyngeal residue after initial swallow attempt of each bolus

- Do NOT rate based on oral residue

- Do NOT rate a bolus trial after strategies were applied

% PR: < 10%

%PR: 10-33%

%PR: 34-66%

%PR: > 66%

Pattern of Residue (Across liquid, pudding, or cracker/cookie bolus types)

Efficiency Grade

All bolus types presented

Any bolus type (liquid, pudding, and/or cracker/cookie)

Solids only (cracker and/or cookie)

Liquid and/or pudding

Any (but not all) bolus types presented

All bolus types presented

Grade 0

Grade 1

Grade 2

Grade 3

Grade 3

Grade 4

DIGEST Score (Interaction of Assigned Safety and Efficiency Grades)

	S0	S1	S2	S3	S4
E0	0	1	2	3	3
E1	1	1	2	3	3
E2	1	2	2	3	3
E3	2	2	3	3	4
E4	3	3	3	4	4

1 = Mild

2 = Moderate

3 = Severe

4 = Life threatening