



**Supplementary Material:** The Bilancio Logopedico Breve-swallowing subtest

- Oral motor skills; i.e., tongue, lips, cheeks, velum movements (0-3):
  - 3: correct execution
  - 2: slow or imprecise execution
  - 1: partial or severely impaired execution
  - 0: no execution / no motility
- Voluntary cough (0-2):
  - 2: normal cough
  - 1: weak cough
  - 0: attempt with no sound / no attempt
- Pathological reflexes; i.e., bite, sucking, rooting reflex (0-1):
  - 0: absent
  - 1: present
- Gag reflex (0-2):
  - 2: present
  - 1: weak response / difficult to elicit / present only on one side
  - 0: absent
- Dentition (0-2):
  - 2: complete
  - 1: partial
  - 0: edentulism
- Lip sealing during swallowing (0-2):
  - 2: complete
  - 1: mild spillage with one consistency
  - 0: spillage with liquids and puree / severe spillage
- Oral preparatory phase (0-3):
  - 3: adequate
  - 2: prolonged preparation
  - 1: incomplete/imprecise preparation
  - 0: no oral preparation
- Swallow trigger (0-3):
  - 3: normal
  - 2: mild delay/latency or effortful swallow
  - 1: severe delay/latency or multiple attempts
  - 0: no swallow act
- Laryngeal excursion (0-2):
  - 2: adequate
  - 1: limited range of movement
  - 0: no apparent movement
- Oral residues (0-2):
  - 2: no residue

- 1: <50% of the bolus in the oral cavity
- 0: >50% of the bolus in the oral cavity
- Signs of aspiration with liquid trials (presence of wet voice and/or coughing) (0-2):
  - 2: no indirect sign
  - 1: one sign (wet voice or cough)
  - 0: both signs
- Signs of aspiration with puree trials (presence of wet voice and/or coughing) (0-2):
  - 2: no indirect sign
  - 1: one sign (wet voice or cough)
  - 0: both signs

Total score: 0-26

