

**Supplementary Table 1. Functional dysphagia scale using videofluoroscopic swallowing study in stroke patients**

Factor	Coded value	Score
Lip closure	Intact	0
	Inadequate	5
	None	10
Bolus formation	Intact	0
	Inadequate	3
	None	6
Residue in oral cavity	None	0
	≤ 10%	2
	10%–50%	4
	≥ 50%	6
Oral transit time	≤ 1.5 sec	0
	≥ 1.5 sec	6
Triggering of pharyngeal swallow	Normal	0
	Delayed	10
Laryngeal elevation and epiglottic closure	Normal	0
	Reduced	12
Nasal penetration	None	0
	≤ 10%	4
	10%–50%	8
	≥ 50%	12
Residue in valleculae	None	0
	≤ 10%	4
	10%–50%	8
	≥ 50%	12
Residue in pyriform sinuses	None	0
	≤ 10%	4
	10%–50%	8
	≥ 50%	12
Coating of pharyngeal wall after swallow	No	0
	Yes	10
Pharyngeal transit time	≤ 1.0 sec	0
	≥ 1.0 sec	4
Total		100