

Table 1. Normative Ranges for Swallowing Durations and Characteristics

| Swallow Reaction Time | Duration of LVC | Duration to LVC - Hyoid Burst | Duration to LVC - Bolus Head in Pharynx | Duration to Maximum Hyoid Bone Elevation | Duration to UES Opening - Bolus Head in Pharynx | Duration of UES Opening | Pharyngeal Transit Time | Hyoid Displacement | PAS score |
|--------------------------|--------------------------|-------------------------------|---|--|---|--------------------------|--------------------------|--------------------------|----------------------|
| -220 to 540 msec | 310 to 1070 msec | 198 to 363 msec | 165 to 429 msec | 137 to 291 msec | 0 to 297 msec | 210 to 670 msec | 350 to 1190 msec | 5.8 to 25 mm | 1 to 2 |
| Molfenter & Steele, 2012 | Molfenter & Steele, 2012 | Guedes et al., 2017 | Unpublished data | Humbert et al., 2012 | Unpublished data | Molfenter & Steele, 2012 | Molfenter & Steele, 2012 | Molfenter & Steele, 2011 | Robbins et al., 1999 |