

Supplemental Content Legend

1. **Supplemental Figure 1.** Still images taken during nasoendoscopic examination of the velopharyngeal port at rest (1a, left) and at maximal closure during phonation (1b, right), showing a wide and deep pharynx and a large residual velopharyngeal gap.
2. **Supplemental Figure 2.** The surgical technique employed in this study was a wide superiorly based posterior pharyngeal flap inset into the pocket of the posterior border of the soft palate.