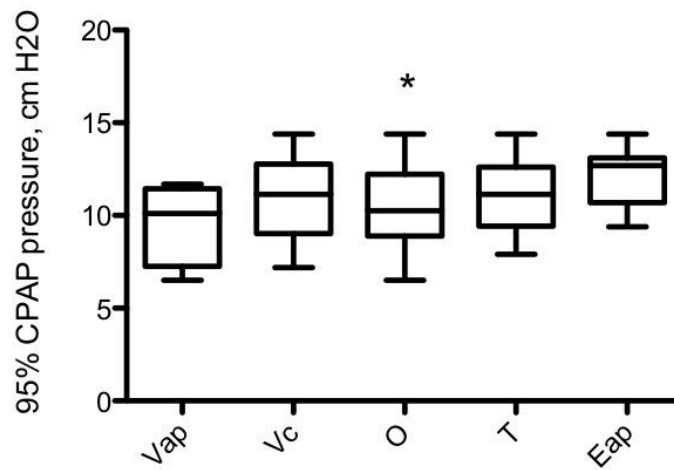
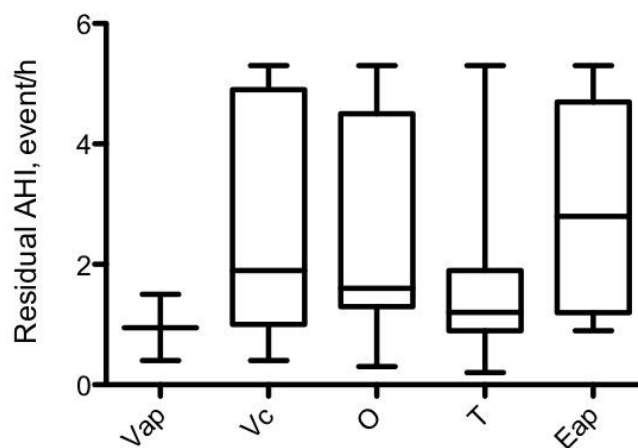


Supplementary Figure 1: Whiskers: Min to Max: 95% CPAP pressure vs. collapse group



\*P<0.05, Eap vs. O

Supplementary Figure 2: Whiskers: Min to Max: Residual AHI vs. collapse group



**Supplementary Table 1. Participant characteristics**

Characteristics	N = 24
Neck circumferences, cm	39.9 ± 3.3
<b>FTP</b>	
FTP I	0 (0%)
FTP II	0 (0%)
FTP III	2 (8.3%)
FTP IV	22 (91.7%)
<b>TS</b>	
Grade 0	3 (12.5%)
Grade 1	9 (37.5%)
Grade 2	6 (25.0%)
Grade 3	4 (16.7%)
Grade 4	2 (8.3%)

**FTP**, Friedman tongue position; I, uvula and tonsils completely visible; II, visible uvula and not tonsils; III, visible soft palate, but not uvula; and IV, visible only hard palate; **TS**, tonsil size; grade 0, absent; grade 1, behind tonsillar pillars; grade 2, extended to pillars; grade 3, visible beyond pillars; and grade 4, enlarged to midline.