

## Supplementary Table 1

Table 1. v-HIT gains and saccade prevalence by final diagnosis.

	Vestibular Neuritis n=53 Mean (SD)	Posterior Circulation Stroke n=20 Mean (SD)	Migraine n=21 Mean (SD)	p-value
VOR Gain				
Lateral (0.8)*	0.56 (0.29)	0.88 (0.28)	1.00 (0.18)	<0.001
Anterior (0.7)*	0.65 (0.28)	0.85 (0.21)	0.91 (0.19)	0.003
Posterior (0.7)*	0.75 (0.23)	0.77 (0.21)	0.82 (0.21)	0.56
Catchup Saccades**	51 (96%)	5 (20%)	0	<0.001

\*Lower limit of normal value. \*\*Catchup saccades identified visually on vHIT testing