

Author Year Country Research Design Score Sample Size	Methods	Outcome
Homma et al. 1981 USA Pre-post Level 4 N = 13	<p>Population: 13 people after SCI (11 M, 2 F), ages: 17-49 yrs, C4-T1 lesions, 1 incomplete, 12 complete); 19-49 months post-injury.</p> <p>Treatment: Application of vibratory stimulus to the 1) parasternal intercostal spaces; 2) 7th -10th intercostal spaces anterior to midaxillary lines; 3) Inspiratory and expiratory vibrations were combined to produce alternating in phase vibration.</p> <p>Outcome measures: Spirometry.</p>	<ol style="list-style-type: none"> 1. Inspiratory, expiratory, and combined in-phase vibrations increased V_T and V_E while decreasing fb. 2. The combined-alternating in-phase vibration increased V_T more than inspiratory or expiratory in-phase vibration alone.