

Author Year Country Research Design Score Sample Size	Methods	Outcome
<p>Yang et al. 2014 China Pre-post Level 4 N = 6</p>	<p>Population: N=6 participants with SCI (4M 2F) Mean age (SD): 41.7(16.2) Mean DOI* (SD): 84(26.7) days All with limited diaphragmatic function, dyspnea, and good trapezius muscle strength All cervical SCI, AIS-A *At time of surgery</p> <p>Treatment: Rib suspension surgery.</p> <p>Outcome Measures: Vital capacity (VC), Vt, cough & expectoration assessment, ventilator & oxygen dependence, diaphragmatic activity (fluoroscopy), phonation ability, electromyography, arterial blood gas analysis and development of complications.</p> <p>Chronicity: Mean time since injury was 84 (\pm 26.7) days.</p>	<ol style="list-style-type: none"> 1. Patients reported improved breathing, cough and expectoration 1 day post-surgery. 2. Increased range of diaphragmatic activity 2-3 weeks post-surgery. 3. Extubation completed in all patients within 4 weeks post-surgery. 4. Significantly increased VC post-surgery. 5. No significant change in TV.