

Author Year; Country Score Research Design Sample Size	Methods	Outcome
<p>Chen et al. 2012</p> <p>China Case control Level 3 N=295</p>	<p>Population: 295 adults who underwent surgical decompression for acute traumatic SCI; mean (SD) age in yrs: 42.11(13.75); sex (ratio): 1.63:1 (male: female); preoperative AIS: A (n=135), B (n=29), C (n=36), D (n=95); preoperative ASIA motor index total score: 42.64(27.02); preoperative motor score of injured level: 4.02(0.46); preoperative sensory score of injured level: 3.02(0.45).</p> <p>Treatment: Cases were extracted and assigned into 3 groups on the basis of the timing of surgery by a physician: Urgent group (n=99, within 8 h after injury), Early group (n=86, from 8h to 48 h after injury), Delayed group (n=110, after 48 h); neurological outcomes and medical complications were compared before the operation, after the operation, at 6 months, and at 1 year.</p> <p>Outcome Measures: ASIA motor index total score; ASIA Impairment Scale (AIS); Motor and sensory scores of injured level; medical complications.</p>	<p>1. Rates for AD differed by surgical decompression group.</p> <ul style="list-style-type: none"> • Urgent group: • Post-operative 2.2%; 6 months 5.7% • Early group: • Post-operative 1.7%; 6 months 5.3% • Delayed group: • Post-operative 1.9%; 6 months 10.2%