

Author Year Country Research Design Score Total Sample Size	Methods	Outcome
<p>Chhabra et al. (2016)</p> <p>India</p> <p>RCT</p> <p>PEDro=7</p> <p>N_{Initial}=21 N_{Final}=21</p>	<p>Population: Mean age=52 yr; Gender: male=16, female=6; Level of injury: T1–T12; Severity of injury: AISA A.</p> <p>Intervention: Participants were randomized into three groups to determine the safety and feasibility of autologous bone marrow transplantation in individuals with acute SCI. Two groups underwent autologous bone marrow cell transplantation through the intrathecal (n=7) or intralesional group (n=7), whereas the third served as a control (n=7). Outcome measures were assessed at baseline, six and 12 mo post enrollment.</p> <p>Outcome measures: Adverse events; Motor score; ASIA score; Walking index of spinal cord injury (WISCI); EMG; Spasticity; Urodynamics; SCIM.</p> <p>Chronicity: The range of time from injury to surgery was 24 hr to 5 days.</p>	<ol style="list-style-type: none"> 1. Surgery was well tolerated by all participants. 2. No significant adverse events were attributable to the procedure. 3. There was no significant improvement in the neurological, electrophysiological or urodynamic efficacy variables between groups (p>0.05). 4. A statistically significant improvement in functional scores as measured by SCIM was observed in all groups (p<0.05).
<p>Akbar & Arora (2014)</p> <p>China</p> <p>Pre-Post</p> <p>N=10</p>	<p>Population: Mean age: 30.3 yr; Injury etiology: fall=8, struck with object=2; Level of injury: lumbar; Level of severity: AIS A; Mean time since injury: 6.1 days.</p> <p>Intervention: Individuals who had sustained a traumatic dorsolumbar vertebral fracture with complete paraplegia were recruited for this study. At the beginning of surgery, 100 ml of bone marrow was extracted. After surgical decompression and stabilization, the bone marrow isolate was injected into the site of injury. Outcomes were measured at 6 wk and 3 mo.</p> <p>Outcome Measures: American Spinal Injury Association (ASIA) scores, Frankel Grade.</p>	<ol style="list-style-type: none"> 1. Two individuals showed some improvement in terms of the ASIA scores in but no improvements in their Frankel Grade at 6 wk. No improvements were seen at 3 mo. 2. Eight individuals showed no improvement in terms of the ASIA scores or Frankel Grade at 6 wk or 3 mo.