

Author Year; Country Score Research Design Total Sample Size	Methods	Outcome
<p>Gordon et al. 2013</p> <p>USA Pre-post Level 4 N=12</p>	<p>Population: 12 nonambulatory participants (10 men, 2 women) with chronic SCI; age: 34 ± 8 years; TPI: 7.7 years; 5 AIS A, 3 AIS B, 4 AIS C; low total hip bone mass (DXA T-score < 2.5 or Z-score < 1.5); C1-T10.</p> <p>Treatment: teriparatide (PTH 1-34) 20 µg daily x 6 months, calcium 1000 mg daily x 6 months, vitamin D 1000 IU daily x 6 months, and treadmill stepping 3 times/week (20 to 40 min. stepping time at 1.8 to 2.5 km/h) for 6 months using Lokomat driven gait orthosis and partial body-weight support</p> <p>Outcome measures: BMD of spine, total hip, and femoral neck by DXA at baseline, 3, 6, and 12 months; micro-MRI of distal tibia at baseline, 3, 6, and 12 months; serum bone markers BAP, CTX-1, P1NP, and OC at baseline, 3, 6, and 12 months</p>	<ol style="list-style-type: none"> 1. Positive but non-significant changes in lumbar spine & total hip BMD were observed at 6 months 2. Teriparatide was well tolerated.

* All data expressed as mean±SD, unless expressed otherwise.