

Role of Mirtazapine in Ameliorating Sleep Disordered Breathing

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Statistical Analysis: Demographic characteristics (age, gender, BMI and level of SCI injury) are summarized as mean and standard deviation (SD) or frequency and percentage scores, as applicable. A paired-samples t-test is used to examine the change in CO₂ reserve (primary outcome), CG, plant gain (PG), as well as SDB and ventilatory parameters (secondary outcomes) between the two treatment groups (Mirtazapine vs. placebo). The SDB parameter include apnea-hypopnea index, sleep staging and timing, oxygen desaturation index and arousal index. The ventilatory parameters include tidal volume, frequency and minute ventilation. All analyses are considered as statistically significant at $p \leq 0.05$.