STRONG CHILDREN'S RESEARCH CENTER

Summer 2019 Research Scholar

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ABSTRACT

Title: *Predictors of Auto-Titrating CPAP Adherence in Children with OSA*

Objective: Obstructive sleep apnea (OSA) results from episodic airway closure during sleep causing neurocognitive, cardiovascular and metabolic abnormalities. Continuous positive airway pressure (CPAP) is the preferred management for adults whereas in children, CPAP is generally reserved for patients with residual sleep apnea or are not candidates for surgical management. Autotitrating CPAP (APAP) is effective treatment for adults but is unproven in children. Adults who experience the greatest reduction in daytime symptoms are most adherent to CPAP. The objective of this study was to