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## Comparison of polysomnography data pre and post transoral robotic surgery in patients of obstructive sleep apnea

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Transoral robotic surgery for obstructive sleep apnea has helped in decreasing CPAP pressure and alleviating few patients with OSA from using CPAP altogether. We have three categories of patients; first category of patients those who did not receive any kind of treatment before they reached us and were subjected to polysomnography and were undergoing surgery as first choice after case selection. Second category of patients was those who were recommended CPAP but were intolerant after brief usage. Third category of patients were those who used CPAP for more than one year (1-5 years) and in spite of continuous usage continue to have same findings on repeat PSG and continue to have same subjective feelings. All our TORS patients were subjected to PSG and drug induced sleep endoscopy prior to surgery and follow up polysomnography was done after 3 months. In all patients, comparison of symptomatology and PSG data was formulated pre and post TORS.

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