

EFFICACY OF RADIOFREQUENCY ELECTROSURGERY OF THE SOFT PALATE IN THE TREATMENT OF SNORING AND OBSTRUCTIVE SLEEP APNEA

Meta-Analysis

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Otorhinolaryngology*

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وَأَنْزَلَ اللَّهُ عَلَيْكَ
الْكِتَابَ وَالْحِكْمَةَ
وَعَلَّمَكَ مَا لَمْ تَكُنْ تَعْلَمُ
وَكَانَ فَضْلُ اللَّهِ عَلَيْكَ
عَظِيمًا

صِرَاطُ اللَّهِ الْعَظِيمِ

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Dedications

To my dear *Father* and *Mother*

who supported me in my whole life

To my faithfull *Wife* and dear *Son*
who encouraged me to achieve my aims

Dr. Ahmed Mohamed Ibrahim Sultan

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List of Abbreviations

A Effort	Abdominal effort
A Flow	Air flow
AASM	American Academy of Sleep Medicine
AHI	Apnea hypopnea index
°C	Degree Celsius
CPAP	Continuous positive airway pressure
CT	Computerized tomography
ECG	Electrocardiography
EDS	Excessive day time sleepiness
EEG	Electroencephalography
EMG	Electromyography
EPAP	Expiratory Positive airway pressure
ESS	Epworth sleepiness scale
ESU	Electrosurgical unit
FIG	Figure
FMNN	Fiberoptic nasopharyngoscopy with the Muller's maneuver
FTP	Friedman tongue position
GA	Genioglossus advancement
IPAP	Inspiratory Positive airway pressure
J	Joule
LAUP	Laser assisted uvulopalatoplasty
Mbar	Milli bar
MLST	Multiple sleep latency test
MMA	Maxillomandibular advancement
MRA	Mandibular repositioning appliance
MRI	Magnetic resonance imaging

List of Abbreviations (Cont...)

OA	Oral Appliances
OSA	Obstructive sleep apnea
OSAHS	Obstructive sleep apnea hypopnea syndrome
OSAS	Obstructive sleep apnea syndrome
P crit	Critical collapsing pressure
PAP	Positive airway pressure
PSG	Polysomnography
RDI	Respiratory disturbance index
REM	Rapid eye movement
RF	Radiofrequency
SDB	Sleep disordered breathing
SE	Standard error
SMD	Standardized mean difference
T Effort	Thoracic effort
TRA	Tongue retaining appliance
UPF	Uvulopalatal flap
UPPP	Uvulopalatopharyngoplasty
VAS	Visual analogue scale
VPI	Velopharyngeal insufficiency
W	Watt

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