

Study of Sleep Disordered Breathing Among Obese Children

Thesis

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سُبْحَانَكَ

قَالُوا سُبْحَانَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صدق الله العظيم

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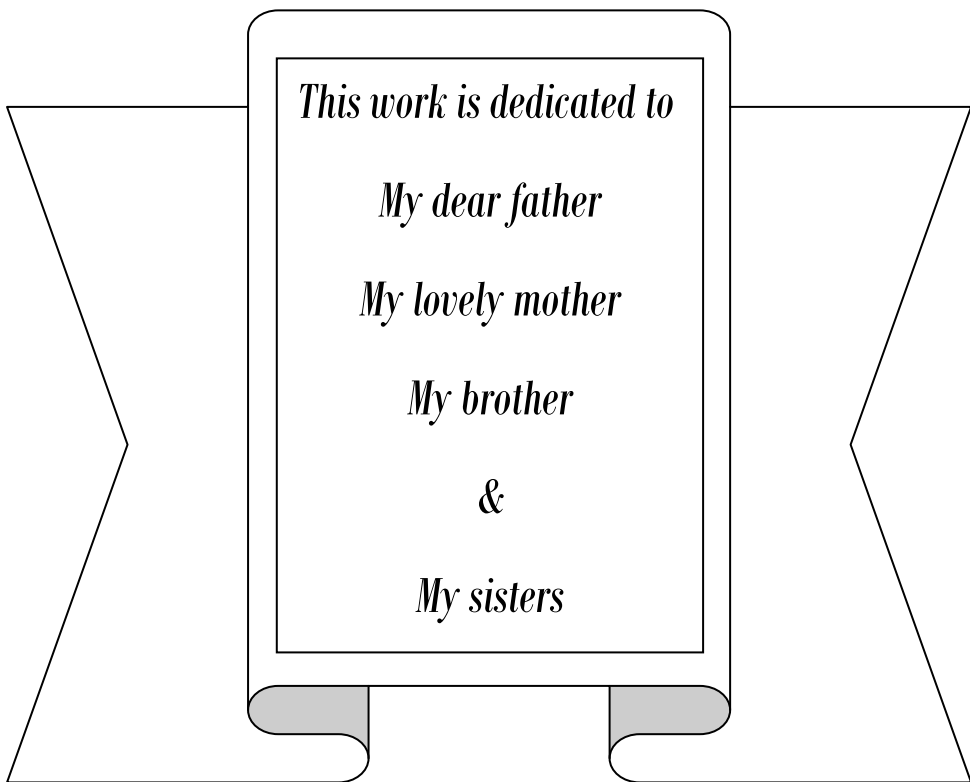
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DEDICATION



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List of Abbreviations

ACTH	: Adrenocorticotrophic hormone
AgRP	: Agouti-related Peptide
AHI	: Apnea Hypoapnea Index
AI	: Apnea Index
Alfa- MSH	: Alfa Melanocyte stimulating hormone
ALT	: Alanine transaminase
ARC	: Arcuate Nucleus
AST	: Aspartate aminotransferase
BMI	: Body mass index
BP	: Blood pressure
CART	: Cocaine-Amphetamine-Regulated
CCK	: Cholecystokinin
Cm	: Centimeter
CNS	: Central nervous system
CO ₂	: Carbon dioxide
CPAP	: Continuous positive airway pressure
CRF	: Corticotropin-releasing factor
CRP	: C -reactive protein
CT	: Computerized tomography
ECG	: Electro-cardiography
EEG	: Electro-encephalo-graphy
EMG	: Electro-myography
EOG	: Electro-oculography
GH	: Growth hormone
HDL	: High density lipoprotein
IGF-1	: Insulin-like growth factor 1
IL-6	: Interleukin-6
Kg	: Kilogram

List of Abbreviations

LDL	: Low density lipoprotein
M	: Meter
MAOIs	: Monoamine oxidase inhibitors
MC4R	: Melanocortin receptor-4
MRI	: Magnetic resonance imaging
NHANES	: National Health and Nutrition Examination Survey
NPY	: Neuropeptide Y
NREM	: Non rapid eye movement
O ₂	: Oxygen
OSA	: Obstructive sleep apnea
PC-1	: Prohormone convertase-1
PCOS	: Polycystic ovary syndrome
POMC	: Pro-opiomelanocortin
PSG	: Polysomnography
PYY	: Peptide YY
RDI	: Respiratory Distress Index
REM	: Rapid eye movement
SES	: Socioeconomic status
SBD	: Sleep breathing disordered
SD	: Standard deviation
SFT	: Skin fold thickness
TGs	: Triglycerides
TLD	: Traffic light diet
TNF-alpha	: Tumor necrosis factor-alpha Transcript Neurons
TSH	: Thyroid stimulating hormone
W/H	: Waist/Hip ratio
WC	: Waist circumference
WHO	: World Health Organization

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