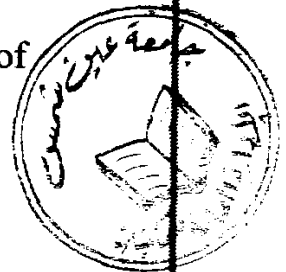


CALCIUM CHANNEL BLOCKERS IN CHILDREN WITH INTRACTABLE EPILEPSY

Thesis

Submitted for Partial Fulfillment of
the Master Degree in Pediatrics



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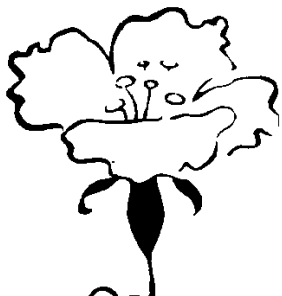
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TO MY HUSBAND

MY DAUGHTER

MY SON

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LIST OF ABBREVIATIONS

1ry	Primary
2ry	Secondary
A/EEG	Ambulatory electroencephalogram
AEDs	Antiepileptic drugs
ATP	Adenosine Tri-phosphate
AV node	Atrio ventricular node
B cell	Beta cell
BP	Blood pressure
BZPs	Benzodiazepines
Ca	Calcium
Ca ⁺⁺	Calcium ion
CBZ	Carbamazepine
CCBs	Calcium channel blockers
CNS	Central Nervous System
CPS	Complex partial seizure
CSF	Cerebro-spinal fluid
CT	Computed Tomography
CV	Coefficient of Variation
CVS	Cardiovascular system
EEG	Electroencephalogram
EGR	Electroretinogram
EPC	Epilepsia partials continua.
ESM	Ethosuximide
FBM	Felbamate

GABA	γ -Amino butyric acid
GBP	Gabapentin
GIT	Gastrointestinal tract
GTC	Generalized tonic clonic
IV.	Intravenous
ICU	Intensive Care Unit
K	Potassium
LTG	Lamotrigine
MDR	Multi drug resistance
MRI	Magnetic Resonance Imaging
Na	Sodium
PET	Positron Emission Tomography
P-gp	P-glycoprotein
PHB	Phenobarbital
PHT	Phenytoin
SA node	Sino-atrial node
SAH	Subarachnoid haemorrhage
SD	Standard Deviation
SPECT	Single Photon Emission Computed Tomography
SSS	Seizure Severity Score
TOP	Topiramate
VGB	Vigabatrin
VNS	Vagal nerve stimulation
VPA	Valproate
WHO	World Health Organization