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## List of Abbreviations

<b>ACoA</b>	Acetyl coenzyme A
<b>ADHD</b>	Attention deficit, hyperactivity disorders
<b>AED</b>	Antiepileptic drugs
<b>APOB</b>	Apolipoprotein B
<b>BMI</b>	Body mass index
<b>BUN</b>	Blood urea nitrogen
<b>CETP</b>	Cholesterol ester transfer protein
<b>CNS</b>	Central nervous system
<b>CSF</b>	Cerebrospinal fluid
<b>CT</b>	Computerized tomography
<b>DRE</b>	Drug resistant epilepsy
<b>EEG</b>	Electroencephalography
<b>GABA</b>	Gama Amino Butyric Acid
<b>HC</b>	Head Circumfiranace
<b>HMGCoA</b>	3 hydroxy 3 methyl glutaryl co-enzyme
<b>ILAE</b>	International League Against Epilepsy Classification
<b>K<sup>+</sup></b>	Potassium
<b>KD</b>	Ketogenic diet
<b>LDL</b>	Low density lipoproteins
<b>LGIT</b>	Low glycemic index treatment
<b>MAD</b>	Modified Atkins Diet
<b>MCT</b>	Medium chain triglycerides
<b>MRI</b>	Magnetic resonance imaging
<b>MRS</b>	Magnetic resonance spectroscopy

## **List of Abbreviations (Cont.)**

<b>MTS</b>	Mesial temporal sclerosis
<b>MAC</b>	Mid Arm Circumfrence
<b>Na</b>	Sodium
<b>PET</b>	Positron emission tomography
<b>PLTP</b>	Phospholipids transport protein
<b>RDA</b>	Recommended daily amounts
<b>SMRs</b>	Standardized mortality ratio
<b>SR-BI</b>	Scavenger receptor BI
<b>TNS</b>	Trigeminal nerve stimulation
<b>VLDL</b>	Very low density lipoprotein
<b>VNS</b>	Vagus nerve stimulation
<b>WHO</b>	World Health Organization
<b>Wt</b>	Weight

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# Introduction

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# Aim of the Work

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# Review of Literature

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## Chapter (1)

# Epilepsy

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## Chapter (2)

# The Ketogenic Diet

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## Chapter (3)

# Growth

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# Patients and Methods

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