

Table of Contents

No.	Subject	Page No.
	Chapter One: Introduction	1
1	Introduction	2
1.1	Hypertension	2
1.1.1	Hypertension Classification	3
1.1.2	Management	4
1.2	Anti Hypertensive Drugs	4
1.2.1	The Angiotensin II Receptor Blockers (ARBs)	5
1.2.2	ARB's Drug Interaction	7
1.2.3	Side Effects of ARBs	7
1.2.4	Action of Angiotensin II	8
1.3	Candesartan	11
1.3.1	Identification	12
1.3.2	Mechanism of Action	13
1.3.3	Indication and Clinical Use	14
1.3.4	Contraindication	15
1.3.5	Side Effects	16
1.3.6	Drug Interaction	16
1.3.7	Pharmacokinetic Data	17
1.3.8	Toxicity	20
1.4.0	Fruit Juices	20
1.4.1	Liquirice	21
1.4.2	Pomegranate	24
1.4.3	Orange	26
1.5.0	Chromatography	27
1.6.0	High Performance Liquid Chromatography (HPLC)	28
1.6.1	Advantages of HPLC	31
1.6.2	HPLC Detectors	32
1.7.0	Beverages –Drug Interaction	36
1.7.1	Drug-Drug Interaction	37
1.7.1.1	Types of Drug Interaction Mechanisms	37
1.7.1.2	The Cytochrome P-450 (CYP450) Enzyme System	38