

# Contents

Preface	x
Acknowledgments	xiv
<b>Part I: Foundations</b>	<b>1</b>
<b>1 Morality for Persons</b>	<b>3</b>
1.1 Utilitarianism	4
1.2 Contemporary Concept of Person	7
1.3 Traditional Concept of Person	9
<i>Subject-centered approach</i>	10
<i>Human-nature approach</i>	13
1.4 Survival of Traditional Morality	16
<i>Persons, truth, and moral necessity</i>	16
<i>Inadequacy of utilitarianism</i>	19
<i>Criterion of morality</i>	20
<i>Morality and natural law</i>	25
<i>Moral pluralism</i>	26
<b>2 Life, Health, Ethics, and the Bible</b>	<b>28</b>
2.1 Biblical Interpretation and Bioethics	28
2.2 Life, Health, Sickness, and Death: Old Testament	30
<i>Gift of life</i>	30
<i>Sickness and health</i>	32
<i>Death</i>	33
2.3 Life and Healing: New Testament	34
<i>True life</i>	34
<i>Healing miracles of Jesus</i>	36
2.4 Life after Death in the Bible	37
2.5 Relevance of the Bible for Health Ethics	39

<b>3</b>	<b>Ethical Principles for Healthcare</b>	<b>41</b>
3.1	Christian Vision of Human Dignity	41
3.2	Respect for Human Life	42
	<i>Theological perspective</i>	42
	<i>Philosophical perspective</i>	43
3.3	Duty of Reasonable Care of Health and Life	44
3.4	Doing Good and its Side Effects	46
3.5	Responsibilities of Healthcare Professionals	47
	<i>Primacy of the human person</i>	47
	<i>Clinicians' responsibilities</i>	48
	<i>Need of informed consent for treatment</i>	48
	<i>Doctors, community, and the law</i>	49
3.6	Christian and Secular Ethicists in a Democracy	50
	<b>Part II: Ethical Issues</b>	<b>53</b>
<b>4</b>	<b>The Human Embryo</b>	<b>55</b>
4.1	Beginning of the Embryo	55
4.2	Research and Clinical Use of Embryos	56
	<i>Infertility treatment</i>	57
	<i>Medical research</i>	58
	<i>Cloning human embryos</i>	60
	<i>Preimplantation genetic diagnosis</i>	61
4.3	Respect Due to the Embryo	62
	<i>Biblical and theological reasons</i>	63
	<i>The embryo as a person</i>	63
	<i>The early embryo as a potential person</i>	65
	<i>Other reasons</i>	68
4.4	Ethical Evaluation of the Use of Embryos in Research and Clinical Practice	70
<b>5</b>	<b>The Pregnant Woman and her Fetus</b>	<b>75</b>
5.1	Support for Pregnant Women	75
5.2	Embryonic and Fetal Mortality and Morbidity	76
5.3	Induced Abortion	79
	<i>Incidence</i>	79
	<i>Reasons</i>	79
	<i>Surgical and medical methods</i>	80
	<i>Postcoital methods</i>	81
	<i>Contraceptives – abortifacients?</i>	82
5.4	Long-term Sequelae of Abortion	84
5.5	Fetus with Anencephaly	86

5.6	Ethical Evaluation of Issues During Pregnancy	88
	<i>Reasons in favor of abortion</i>	88
	<i>Reasons opposed to direct abortion</i>	91
	<i>Treatment of women who have been raped</i>	93
	<i>Early delivery of a fetus with anencephaly</i>	95
<b>6</b>	<b>Infertility and Artificial Reproductive Technology</b>	<b>100</b>
6.1	Infertility	100
	<i>Incidence and causes</i>	100
	<i>Treatment</i>	102
	<i>Outcomes of treatment</i>	104
	<i>Burdens and costs of treatment</i>	107
6.2	Artificial Reproductive Technology and Ethics	109
	<i>Utilitarian perspectives</i>	109
	<i>Protection of children's interests</i>	113
	<i>Professional ethical guidelines</i>	116
	<i>Marriage and procreation in the Catholic Christian tradition</i>	117
	<i>Challenges ahead</i>	119
<b>7</b>	<b>Prenatal Screening and Diagnosis</b>	<b>121</b>
7.1	Prevalence of Fetal Congenital Malformations	121
7.2	Pregnant Women's Anxieties	123
7.3	Current Procedures	124
	<i>Maternal serum</i>	125
	<i>Cystic fibrosis</i>	125
	<i>Thalassemia</i>	126
	<i>Nuchal translucency</i>	126
	<i>Ultrasound</i>	127
	<i>Amniocentesis</i>	127
	<i>Chorionic villus sampling</i>	128
	<i>Testing fetal blood and cells</i>	129
	<i>Testing pregnant women for HIV</i>	129
7.4	Sex-selected Insemination	130
7.5	Therapeutic Benefits	130
7.6	Ethical Evaluation of Prenatal Screening and Diagnosis	131
	<i>Prenatal screening and diagnosis per se</i>	131
	<i>Respect for the life of the fetus</i>	132
	<i>Informed consent, counseling, and pastoral care</i>	134
	<i>Prenatal diagnosis and selective abortion</i>	136
	<i>Genetic screening and responsible parenthood</i>	138
	<i>Professional confidentiality</i>	140
	<i>Sensitivity for people with disabilities</i>	141
	<i>Justice and public policy</i>	143

<b>8</b>	<b>The Fetus</b>	<b>144</b>
8.1	Fetal Therapies	144
	<i>Medication</i>	144
	<i>Intravascular therapy</i>	145
	<i>Fetal surgery</i>	145
	<i>Fetal tissue transplants in utero</i>	147
	<i>Fetal gene therapy</i>	149
	<i>Twin abnormalities</i>	151
	<i>Multiple pregnancy</i>	152
8.2	Use of Fetal Tissue	152
	<i>Fetal tissue transplants to children and adults</i>	152
	<i>Source of fetal tissue</i>	154
8.3	Fetal Pain	155
8.4	Care of the Fetus and Ethics	156
	<i>Pregnant woman responsible for her fetus</i>	156
	<i>Doctor's duty to the mother and her fetus</i>	157
	<i>Fetal surgery</i>	158
	<i>Fetal tissue transplants</i>	161
	<i>Fetal gene therapy</i>	164
	<i>Monochorionic twin abnormalities</i>	165
	<i>Multifetal pregnancy reduction</i>	166
	<i>Fetal pain</i>	166
<b>9</b>	<b>Newborns</b>	<b>168</b>
9.1	Breastfeeding	168
9.2	Perinatal Mortality	168
9.3	Low Birthweight Babies	169
	<i>Terminology</i>	169
	<i>Causes</i>	170
	<i>Neonatal intensive care</i>	171
	<i>Survivors with disabilities</i>	172
	<i>Costs</i>	173
9.4	Delivery for HIV Infected Pregnant Women	174
9.5	Neonatal Transplants	174
	<i>Heart</i>	175
	<i>Liver</i>	175
	<i>Kidney</i>	176
	<i>Umbilical cord blood</i>	176
	<i>Brain death and neonatal transplants</i>	177
9.6	Ethical Issues in the Treatment of Newborns	177
	<i>General principles and criteria</i>	177
	<i>Delivery options and HIV transmission</i>	181

<i>Artificial nutrition and hydration</i>	182
<i>Treatment of extremely low birthweight babies</i>	182
<i>Neonatal transplants</i>	185
<i>Resource allocation and neonatal treatment</i>	187
<b>Notes</b>	<b>188</b>
<b>Glossary</b>	<b>240</b>
<b>Select Bibliography</b>	<b>245</b>
<b>Index</b>	<b>250</b>