

# DETAILED CONTENTS

<i>About the authors</i>	xxii	Illness prevention	22
<i>Contributors</i>	xxvi	Stages of adulthood	22
<i>Preface</i>	xxix	<i>The young adult 22; The middle adult 24; The older adult 27</i>	
<i>Guided tour</i>	xxxii	The concept of family	29
<i>Educator support</i>	xxxiv	<i>Definitions and functions of the family 30; Family developmental stages and tasks 30; The family of the person with a chronic illness 30</i>	
<i>Acknowledgements</i>	xxxv		
<i>Mapping to the NMBA Registered Nurse Standards for Practice</i>	xxxvi		
<i>The Patient Safety Competency Framework for Nursing Students</i>	lii		
<b>VOLUME 1</b>		<b>UNIT 2</b>	
<b>UNIT 1</b>		<b>ALTERATIONS IN PATTERNS OF HEALTH</b>	<b>33</b>
<b>DIMENSIONS OF MEDICAL–SURGICAL NURSING</b>	<b>1</b>	<b>CHAPTER 3 Nursing care of people having surgery</b>	<b>34</b>
<b>CHAPTER 1 Medical–surgical nursing</b>	<b>2</b>	Classifications of surgical procedures	35
Person-centred care	3	Settings for surgery	35
Critical thinking	3	Legal requirements	36
The nursing process	4	Perioperative risk factors	36
<i>Assessment 4; Diagnosis 5; Planning 6; Implementation 6; Evaluation 6; The nursing process in clinical practice 6</i>		<b>INTERPROFESSIONAL CARE</b>	<b>40</b>
Clinical reasoning	6	<b>NURSING CARE</b>	<b>51</b>
Accountable and responsible nursing practice	7	<b>CHAPTER 4 Nursing care of people experiencing loss, grief and death</b>	<b>67</b>
<i>Nursing and Midwifery Board of Australia (NMBA) Registered Nurse Standards for Practice 8; Code of Ethics for Nurses 8; Code of Conduct for Nurses 9</i>		Loss, grief and mourning	68
Culturally competent nursing	9	Theories of loss and grief	68
Legal and ethical dilemmas in nursing	10	<i>Freud: psychoanalytic theory 69; Bowlby: protest, despair and detachment 69; Engel: acute grief, restitution and long-term grief 69; Kübler-Ross: stages of coping with loss 69; Caplan: stress and loss 69; Neimeyer: meaning-oriented perspective 70</i>	
Roles of the nurse in medical–surgical nursing practice	10	Factors affecting responses to loss	70
<i>The nurse as caregiver 10; The nurse as educator 11; The nurse as advocate 11; The nurse as leader and manager 11; The nurse as researcher 13</i>		<i>Age 70; Social support 70; Families 70; Cultural and spiritual practices 70; Rituals of mourning 71; Cultural diversity in the care of individuals with an eventually fatal condition 73</i>	
<b>CHAPTER 2 Health and illness in adults</b>	<b>15</b>	End-of-life care	73
Defining health	16	<i>Nursing considerations for end-of-life care 74; Settings for end-of-life care 74; Symptom management in the dying person 75; Complementary therapies: their use in end-of-life care 77; Support for the person and family 77; Acknowledgement of death in a hospital setting 78</i>	
<i>The illness–wellness continuum 16</i>		<b>INTERPROFESSIONAL CARE</b>	<b>78</b>
Determinants of health	16	<b>NURSING CARE</b>	<b>79</b>
<i>Genetic make-up 16; Cognitive abilities and educational level 16; Race, ethnicity and cultural background 17; Indigenous health 17; Age, gender and developmental level 17; Lifestyle and environment 17; Socioeconomic background 17; Geographical area 17</i>		<b>CHAPTER 5 Nursing care of people with substance misuse problems</b>	<b>85</b>
Promotion of health and prevention of illness and injury	18	Introduction	86
<i>Healthy living 18</i>		DSM-5 and substance use disorders	87
Acute and chronic illness	18	Risk factors and causes	88
<i>Disease and illness 20</i>		Classification of substances	89
		<i>CNS depressants 89; Stimulants 90; Hallucinogens 91; Mixed 91; Steroids 91; Prescription medication 92; Dissociative anaesthetics 92; New psychoactive substances 92</i>	

Communicating effectively with people who misuse substances	93	Acute pain 155; Persistent (chronic) pain 156; Breakthrough pain 156; Neuropathic pain 157; Phantom pain 157; Central pain 157; Cancer (palliative) pain 157	
Comprehensive drug and alcohol assessment	93		
Immediate management and brief interventions	95	Factors affecting responses to pain	157
<i>Opportunistic intervention 95; Referral 95; Diagnostic tests 95; Intoxication 95; Overdose 96; Withdrawal 96</i>		<i>Sociocultural influences 158; Psychological status 158; Past experiences with pain 158; Source and meaning 158; Age 159; Pain and cultural diversity 160</i>	
Rehabilitation for people dependent on alcohol or other drugs	102	Myths and misconceptions about pain	160
<i>Psychosocial interventions in recovery 103</i>		INTERPROFESSIONAL CARE AND PHARMACOLOGICAL/ NON-PHARMACOLOGICAL TREATMENT ALTERNATIVES	161
INTERPROFESSIONAL CARE	104	NURSING CARE	169
Special populations	105	<b>CHAPTER 9 Nursing care of people with altered fluid, electrolyte and acid–base balance</b>	<b>178</b>
<i>Adolescents 105; Pregnant women 105; Older people 106; Aboriginal and Torres Strait Islander people 106; Healthcare workers 106</i>		Overview of normal fluid and electrolyte balance	179
Conclusion	106	<i>Body fluid composition 179; Body fluid distribution 180; Body fluid movement 182; Body fluid regulation 184</i>	
<b>CHAPTER 6 Nursing care of people in the emergency department or experiencing disasters</b>	<b>110</b>	The person with fluid volume deficit	186
Emergency nursing in Australia	111	<i>Pathophysiology 186; Manifestations 187</i>	
<i>Communication 111; The triage system in the emergency department 111; Patient assessment in the emergency department 112; The scope of nursing practice in the emergency department 114</i>		INTERPROFESSIONAL CARE	189
Disaster nursing	115	NURSING CARE	190
<i>Definitions 115; Types of disasters 115; Terrorism 116; Common disaster-related injuries and related symptoms 117; Technological injuries 117</i>		Fluid volume excess	193
Disaster planning, response and mitigation	117	<i>Pathophysiology 193; Manifestations and complications 193</i>	
<i>Stages and phases of a disaster 118; Mass casualty events 118</i>		INTERPROFESSIONAL CARE	193
NURSING CARE	119	NURSING CARE	195
<b>UNIT 3</b>		Sodium imbalance	198
<b>PATHOPHYSIOLOGY AND PATTERNS OF HEALTH</b>	<b>127</b>	<i>Overview of normal sodium balance 198; The person with hyponatraemia 198</i>	
<b>CHAPTER 7 Genetic implications of adult health nursing</b>	<b>128</b>	INTERPROFESSIONAL CARE	199
Overview of genetics and genomics	129	NURSING CARE	200
Integrating genetics and genomics into nursing practice	129	<i>The person with hypernatraemia 201</i>	
Foundations of genetics	130	INTERPROFESSIONAL CARE	201
<i>Cell division 131; Chromosomal alterations 131; Genes 132</i>		NURSING CARE	201
Principles of inheritance	134	Potassium imbalance	202
<i>Mendelian patterns of inheritance 135; Variability in classic Mendelian patterns of inheritance 136; Multifactorial (polygenic or complex) disorders 138</i>		<i>Overview of normal potassium balance 202; The person with hypokalaemia 203</i>	
INTERPROFESSIONAL CARE	138	INTERPROFESSIONAL CARE	204
NURSING CARE	141	NURSING CARE	206
Education	148	<i>The person with hyperkalaemia 208</i>	
<i>Psychosocial care 148; Evaluation 149</i>		INTERPROFESSIONAL CARE	209
Visions for the future	149	NURSING CARE	210
<b>CHAPTER 8 Nursing care of people in pain</b>	<b>152</b>	Calcium imbalance	212
Neurophysiology and theories of pain	153	<i>Overview of normal calcium balance 212; The person with hypocalcaemia 213</i>	
<i>Neurophysiology 153; Ascending pain pathways 154; Inhibitory mechanisms 154; Pain theories 154</i>		INTERPROFESSIONAL CARE	214
Definitions and characteristics of pain	155	NURSING CARE	216
		<i>The person with hypercalcaemia 216</i>	
		INTERPROFESSIONAL CARE	217
		NURSING CARE	218
		Magnesium imbalance	219
		<i>Overview of normal magnesium balance 219</i>	
		<i>The person with hypomagnesaemia 219</i>	
		INTERPROFESSIONAL CARE	220

NURSING CARE	220	INTERPROFESSIONAL CARE	294
<i>The person with hypermagnesaemia 221</i>		NURSING CARE	296
INTERPROFESSIONAL CARE	221	<i>The person with an infection 298; Healthcare-associated infections 301; Antibiotic-resistant microorganisms 303</i>	
NURSING CARE	221	INTERPROFESSIONAL CARE	303
Phosphate imbalance	222	NURSING CARE	311
<i>Overview of normal phosphate balance 222</i>		<b>CHAPTER 12 Nursing care of people with altered immunity</b>	<b>315</b>
<i>The person with hypophosphataemia 222</i>		Overview of the immune system	316
INTERPROFESSIONAL CARE	223	Changes in immune function in the older adult	316
NURSING CARE	223	Assessment of altered immune system function	317
<i>The person with hyperphosphataemia 223</i>		<i>Health history 317; Physical assessment 317</i>	
INTERPROFESSIONAL CARE	223	The person with a hypersensitivity reaction	318
NURSING CARE	223	<i>Pathophysiology 318</i>	
Regulation of acid–base balance	224	INTERPROFESSIONAL CARE	323
<i>Buffer systems 224; Respiratory system 225; Renal system 225; Assessment of acid–base balance 225</i>		NURSING CARE	325
Acid–base imbalance	226	The person with an autoimmune disorder	327
<i>Compensation 227; The person with metabolic acidosis 228</i>		<i>Pathophysiology 328</i>	
INTERPROFESSIONAL CARE	230	INTERPROFESSIONAL CARE	328
NURSING CARE	230	NURSING CARE	329
<i>The person with metabolic alkalosis 232</i>		The person with a tissue transplant	329
INTERPROFESSIONAL CARE	232	<i>Pathophysiology 330</i>	
NURSING CARE	233	INTERPROFESSIONAL CARE	331
<i>The person with respiratory acidosis 234</i>		NURSING CARE	332
INTERPROFESSIONAL CARE	235	The person with HIV infection	337
NURSING CARE	235	<i>Incidence and prevalence 337; Pathophysiology and manifestations 338</i>	
<i>The person with respiratory alkalosis 237</i>		INTERPROFESSIONAL CARE	343
INTERPROFESSIONAL CARE	237	NURSING CARE	347
NURSING CARE	238	<b>CHAPTER 13 Nursing care of people with cancer</b>	<b>357</b>
<b>CHAPTER 10 Nursing care of people experiencing trauma and shock</b>	<b>241</b>	Cancer and theories of carcinogenesis	358
The person experiencing trauma	242	Incidence and mortality	358
<i>Components of trauma 242; Types of trauma 243; Effects of traumatic injury 243</i>		<i>Risk factors 359</i>	
INTERPROFESSIONAL CARE	247	Pathophysiology	362
NURSING CARE	255	<i>Normal cell growth 362; The cell cycle 362; Differentiation 363; Theories of carcinogenesis 363; Known carcinogens 363; Types of neoplasms 365; Tumour invasion and metastasis 366</i>	
The person experiencing shock	258	Physiological and psychological effects of cancer	368
<i>Overview of cellular homeostasis and haemodynamics 258; Pathophysiology 258; Types of shock 262</i>		<i>Disruption of function 368; Haematological alterations 368; Infection 368; Haemorrhage 369; Anorexia–cachexia syndrome 369; Paraneoplastic syndromes 369; Pain 370; Physical stress 370; Psychological stress 370</i>	
INTERPROFESSIONAL CARE	266	INTERPROFESSIONAL CARE	371
NURSING CARE	269	NURSING CARE	389
<b>CHAPTER 11 Nursing care of people with infections</b>	<b>275</b>	<b>UNIT 4</b>	
Overview of the immune system	276	<b>RESPONSES TO ALTERED INTEGUMENTARY STRUCTURE AND FUNCTION</b>	<b>407</b>
<i>Immune system components 276; Innate immune response 281; Adaptive immune response 284; The person with natural or acquired immunity 288</i>		<b>CHAPTER 14 Assessing the integumentary system</b>	<b>408</b>
INTERPROFESSIONAL CARE	290	Anatomy, physiology and functions of the integumentary system	409
NURSING CARE	291		
Normal immune responses	293		
<i>The person with tissue inflammation 293; Pathophysiology and manifestations 293</i>			

<i>The skin 409; Skin appendages 411; The hair 411; Skin colour 412</i>			
Assessing the integumentary system	412		
<i>Health assessment interview 412; Physical assessment 416; Diagnostic tests 417; Genetic considerations 425</i>			
<b>CHAPTER 15 Nursing care of people with integumentary disorders</b>	<b>427</b>		
The person with pruritus	428		
The person with dry skin (xerosis)	428		
The person with benign skin lesions	429		
<i>Cysts 430; Hypertrophic scar 430; Keloids 430; Naevi 430; Angiomas 431; Skin tags 431; Keratoses 431</i>			
The person with psoriasis	431		
<i>Pathophysiology 432; Manifestations 432</i>			
INTERPROFESSIONAL CARE	432		
NURSING CARE	433		
The person with a bacterial infection of the skin	434		
<i>Pathophysiology 435</i>			
INTERPROFESSIONAL CARE	436		
NURSING CARE	436		
The person with a fungal infection	437		
<i>Pathophysiology 437</i>			
INTERPROFESSIONAL CARE	438		
NURSING CARE	439		
The person with a viral infection	439		
<i>Pathophysiology 439</i>			
INTERPROFESSIONAL CARE	441		
NURSING CARE	441		
The person with a parasitic infestation	442		
<i>Pathophysiology 442</i>			
INTERPROFESSIONAL CARE	443		
NURSING CARE	443		
The person with dermatitis	443		
<i>Pathophysiology 443</i>			
INTERPROFESSIONAL CARE	445		
NURSING CARE	445		
The person with acne	446		
<i>Pathophysiology 446</i>			
INTERPROFESSIONAL CARE	447		
NURSING CARE	448		
The person with actinic keratosis	448		
The person with non-melanoma skin cancer	448		
<i>The health burden of non-melanoma skin cancer 449; Risk factors 449; Pathophysiology 449</i>			
INTERPROFESSIONAL CARE	451		
NURSING CARE	451		
The person with malignant melanoma	452		
<i>Incidence 452; Risk factors 453; Pathophysiology 453</i>			
INTERPROFESSIONAL CARE	455		
NURSING CARE	456		
The person with a pressure injury	458		
<i>Incidence 458; Pathophysiology 459; Risk factors 459</i>			
INTERPROFESSIONAL CARE	462		
NURSING CARE	465		
The person with a skin tear	468		
<i>Preventing skin tears 468; Skin tear management 469</i>			
The person with a disorder of the hair	470		
<i>Pathophysiology 470</i>			
INTERPROFESSIONAL CARE	471		
NURSING CARE	471		
The person with a disorder of the nails	471		
<i>Pathophysiology 471</i>			
INTERPROFESSIONAL CARE	472		
NURSING CARE	472		
<b>CHAPTER 16 Nursing care of people with burns</b>	<b>475</b>		
Types of burn injury	477		
<i>Thermal burns 477; Chemical burns 477; Electrical burns 478; Radiation burns 478; Cold injury 479; Inhalation injury 480; Friction burns 480</i>			
Burn classification	480		
<i>Depth of the burn 480; Extent of the burn 482; Phases of burn management 483</i>			
Burn wound healing	487		
<i>Post-burn itch 487</i>			
The person with minor burns	487		
<i>Pathophysiology 487</i>			
NURSING CARE	488		
The person with major burns	488		
<i>Pathophysiology 489</i>			
INTERPROFESSIONAL CARE	492		
NURSING CARE	501		
<b>UNIT 5</b>			
<b>RESPONSES TO ALTERED ENDOCRINE FUNCTION</b>			<b>509</b>
<b>CHAPTER 17 A person-centred approach to assessing the endocrine system</b>			<b>510</b>
Pituitary gland	511		
<i>Anterior pituitary 511; Posterior pituitary 513</i>			
Thyroid gland	513		
<i>Parathyroid glands 513</i>			
Adrenal glands	513		
Pancreas	514		
Gonads	514		
An overview of hormones	514		
Assessing endocrine function	515		
<i>Health assessment interview 515; Physical assessment 517; Diagnostic tests 518; Genetic considerations 523</i>			
<b>CHAPTER 18 Nursing care of people with endocrine disorders</b>			<b>527</b>

People with hyperthyroidism	528
<i>Pathophysiology and manifestations</i>	528
INTERPROFESSIONAL CARE	531
NURSING CARE	532
The person with hypothyroidism	535
<i>Pathophysiology and manifestations</i>	535
INTERPROFESSIONAL CARE	537
NURSING CARE	538
The person with cancer of the thyroid	541
The person with hyperparathyroidism	541
<i>Pathophysiology and manifestations</i>	542
INTERPROFESSIONAL CARE	542
NURSING CARE	543
The person with hypoparathyroidism	543
<i>Pathophysiology and manifestations</i>	543
INTERPROFESSIONAL CARE	543
NURSING CARE	543
The person with hypercortisolism (Cushing's syndrome)	543
<i>Pathophysiology 544; Manifestations 544</i>	543
INTERPROFESSIONAL CARE	544
NURSING CARE	546
The person with chronic adrenocortical insufficiency (Addison's disease)	548
<i>Pathophysiology 548; Manifestations 549; Addisonian crisis 549</i>	548
INTERPROFESSIONAL CARE	550
NURSING CARE	550
The person with pheochromocytoma	553
The person with disorders of the anterior pituitary gland	553
<i>Pathophysiology and manifestations</i>	553
INTERPROFESSIONAL CARE	553
NURSING CARE	554
The person with disorders of the posterior pituitary gland	554
<i>Pathophysiology and manifestations</i>	554
INTERPROFESSIONAL CARE	555
NURSING CARE	555
<b>CHAPTER 19 Nursing care of people with diabetes mellitus</b>	<b>557</b>
Incidence and prevalence	558
Overview of endocrine pancreatic hormones and glucose homeostasis	558
<i>Hormones 558; Blood glucose homeostasis 559</i>	558
Pathophysiology of diabetes	559
<i>Type 1 diabetes mellitus 560; Type 2 DM 561;</i>	559
<i>Diabetes in the older adult 562</i>	559
INTERPROFESSIONAL CARE	563
Acute complications of diabetes	577
<i>Acute complications: alterations in blood glucose levels 577</i>	577
INTERPROFESSIONAL CARE	581
INTERPROFESSIONAL CARE	582
<i>Chronic complications 583</i>	582
NURSING CARE	586
<b>Glossary</b>	<b>G-1</b>
<b>Index</b>	<b>I-1</b>

## VOLUME 2

### UNIT 6

## RESPONSES TO ALTERED GASTROINTESTINAL FUNCTION 597

### CHAPTER 20 A person-centred approach to assessing the gastrointestinal system 598

#### Nutrients 599

*Carbohydrates 600; Proteins 600; Fats (lipids) 602; Vitamins 602; Minerals 602; Dietary fibre 604; The mouth 604; The pharynx 604; The oesophagus 605; The stomach 605; The small intestine 606; The large intestine 606; The accessory digestive organs 607*

#### Metabolism 608

#### Assessing nutritional status and gastrointestinal function 608

*Health assessment interview 608; Physical assessment 612; Diagnostic tests 612; Genetic considerations 612*

### CHAPTER 21 Nursing care of people with nutritional disorders 629

#### The person with obesity 630

*Incidence and prevalence 630; Risk factors 631; Overview of normal physiology 631; Pathophysiology 631*

#### INTERPROFESSIONAL CARE 632

#### NURSING CARE 636

#### The person with malnutrition 638

*Incidence and prevalence 639; Risk factors 639; Pathophysiology 639*

#### INTERPROFESSIONAL CARE 640

#### NURSING CARE 647

#### The person with an eating disorder 649

*Anorexia nervosa 649; Bulimia nervosa 651; Binge-eating disorder 651*

#### INTERPROFESSIONAL CARE 651

#### NURSING CARE 651

### CHAPTER 22 Nursing care of people with upper gastrointestinal disorders 655

#### The person with stomatitis 656

*Pathophysiology and manifestations 656*

#### INTERPROFESSIONAL CARE 656

#### NURSING CARE 657

#### The person with oral cancer 659

*Pathophysiology and manifestations 659*

#### INTERPROFESSIONAL CARE 660

#### NURSING CARE 660

#### The person with gastro-oesophageal reflux disease 663

*Pathophysiology 663; Manifestations 664*

#### INTERPROFESSIONAL CARE 664

#### NURSING CARE 667

**x DETAILED CONTENTS**

The person with a hiatal hernia	667	INTERPROFESSIONAL CARE	712
The person with impaired oesophageal motility	668	NURSING CARE	713
The person with oesophageal cancer	668	The person with peritonitis	714
<i>Pathophysiology 668; Manifestations 669</i>		<i>Pathophysiology 714; Manifestations 715;</i>	
INTERPROFESSIONAL CARE	669	<i>Complications 715</i>	
NURSING CARE	669	INTERPROFESSIONAL CARE	715
Overview of normal physiology	671	NURSING CARE	716
The person with nausea and vomiting	671	The person with gastroenteritis	719
<i>Pathophysiology 671</i>		<i>Pathophysiology 719; Manifestations 719; Complications 720;</i>	
INTERPROFESSIONAL CARE	672	<i>Specific types of gastrointestinal infections 720</i>	
NURSING CARE	672	INTERPROFESSIONAL CARE	723
The person with gastrointestinal bleeding	673	NURSING CARE	725
<i>Pathophysiology 674</i>		The person with a protozoal bowel infection	725
INTERPROFESSIONAL CARE	674	<i>Pathophysiology and manifestations 725</i>	
NURSING CARE	674	INTERPROFESSIONAL CARE	727
The person with gastritis	676	NURSING CARE	727
<i>Pathophysiology 676</i>		The person with a helminthic disorder	729
INTERPROFESSIONAL CARE	677	<i>Pathophysiology 729</i>	
NURSING CARE	677	INTERPROFESSIONAL CARE	729
The person with peptic ulcer disease	678	NURSING CARE	731
<i>Risk factors 679; Pathophysiology 679;</i>		The person with inflammatory bowel disease	731
<i>Manifestations 682; Complications 682;</i>		<i>Ulcerative colitis 732; Crohn's disease 735</i>	
<i>Zollinger–Ellison syndrome 682</i>		INTERPROFESSIONAL CARE	736
INTERPROFESSIONAL CARE	682	NURSING CARE	742
NURSING CARE	684	The person with sprue	746
The person with cancer of the stomach	687	<i>Pathophysiology 746; Coeliac disease 747;</i>	
<i>Risk factors 687; Pathophysiology 687; Manifestations 687</i>		<i>Tropical sprue 747</i>	
INTERPROFESSIONAL CARE	687	INTERPROFESSIONAL CARE	748
NURSING CARE	691	NURSING CARE	749
<b>CHAPTER 23 Nursing care of people with bowel disorders</b>	<b>695</b>	The person with lactase deficiency	750
The person with diarrhoea	696	<i>Manifestations 750</i>	
<i>Pathophysiology 696; Manifestations 696;</i>		INTERPROFESSIONAL CARE	750
<i>Complications 696</i>		NURSING CARE	750
INTERPROFESSIONAL CARE	696	The person with short bowel syndrome	750
NURSING CARE	699	INTERPROFESSIONAL CARE	751
The person with constipation	700	NURSING CARE	751
<i>Pathophysiology 700; Manifestations 700</i>		The person with polyps	751
INTERPROFESSIONAL CARE	701	<i>Pathophysiology 751; Manifestations 752</i>	
NURSING CARE	704	INTERPROFESSIONAL CARE	752
The person with irritable bowel syndrome	707	NURSING CARE	753
<i>Pathophysiology 707; Manifestations 707</i>		The person with colorectal cancer	753
INTERPROFESSIONAL CARE	707	<i>Pathophysiology 754; Manifestations 754;</i>	
NURSING CARE	708	<i>Complications 754</i>	
The person with faecal incontinence	709	INTERPROFESSIONAL CARE	754
<i>Pathophysiology 709</i>		NURSING CARE	757
INTERPROFESSIONAL CARE	709	The person with a hernia	762
NURSING CARE	710	<i>Pathophysiology 762; Manifestations 762;</i>	
The person with appendicitis	711	<i>Complications 763</i>	
<i>Pathophysiology 711; Manifestations 712;</i>		INTERPROFESSIONAL CARE	763
<i>Complications 712</i>		NURSING CARE	763
		The person with intestinal obstruction	764
		<i>Pathophysiology 764</i>	

INTERPROFESSIONAL CARE	765	<b>UNIT 7</b>	
NURSING CARE	766	<b>RESPONSES TO ALTERED</b>	
The person with diverticular disease	768	<b>URINARY ELIMINATION</b>	<b>819</b>
<i>Pathophysiology 768</i>			
INTERPROFESSIONAL CARE	769	<b>CHAPTER 25 A person-centred approach to</b>	
NURSING CARE	770	<b>assessing the renal system</b>	<b>820</b>
The person with haemorrhoids	771	The kidneys	821
<i>Pathophysiology and manifestations 771</i>		<i>Formation of urine 823; Maintaining normal composition</i>	
INTERPROFESSIONAL CARE	772	<i>and volume of urine 825</i>	
NURSING CARE	773	The ureters	826
The person with an anorectal lesion	773	The urinary bladder	826
<i>Anal fissure 774; Anorectal abscess 774;</i>		The urethra	827
<i>Anorectal fistula 774; Pilonidal disease 774</i>		Health assessment, diagnostics and documentation	827
NURSING CARE	774	<i>Health assessment interview 827;</i>	
<b>CHAPTER 24 Nursing care of people with gallbladder,</b>	<b>778</b>	<i>Physical assessment 828; Diagnostic tests 828;</i>	
<b>liver and pancreatic disorders</b>		<i>Genetic considerations 829</i>	
The person with gallstones	779	<b>CHAPTER 26 Nursing care of people with</b>	
<i>Physiology review 779; Pathophysiology and</i>		<b>urinary tract disorders</b>	<b>838</b>
<i>manifestations 779</i>		The person with urinary tract infection	839
INTERPROFESSIONAL CARE	780	<i>Risk factors 839; Physiology review 840; Pathophysiology and</i>	
NURSING CARE	781	<i>manifestations 840</i>	
The person with cancer of the gallbladder	785	INTERPROFESSIONAL CARE	842
<i>Physiology review 785; Common manifestations</i>		NURSING CARE	845
<i>of liver disorders 785</i>		The person with urinary calculi	848
The person with hepatitis	786	<i>Incidence and risk factors 848; Physiology review 848;</i>	
<i>Pathophysiology and manifestations 786</i>		<i>Pathophysiology 848; Manifestations 849;</i>	
INTERPROFESSIONAL CARE	789	<i>Complications 850</i>	
NURSING CARE	791	INTERPROFESSIONAL CARE	850
The person with cirrhosis	792	NURSING CARE	852
<i>Pathophysiology 792</i>		The person with a urinary tract tumour	856
INTERPROFESSIONAL CARE	797	<i>Incidence and risk factors 856; Pathophysiology 856;</i>	
NURSING CARE	801	<i>Manifestations 856</i>	
The person with cancer of the liver	804	INTERPROFESSIONAL CARE	857
<i>Pathophysiology 805; Manifestations 805</i>		NURSING CARE	858
INTERPROFESSIONAL CARE	805	The person with urinary retention	864
NURSING CARE	805	<i>Physiology review 864; Pathophysiology 864;</i>	
The person with liver trauma	806	<i>Manifestations 864</i>	
<i>Pathophysiology and manifestations 806</i>		INTERPROFESSIONAL CARE	864
INTERPROFESSIONAL CARE	806	NURSING CARE	864
NURSING CARE	806	The person with a neurogenic bladder	865
The person with liver abscess	806	<i>Pathophysiology 865</i>	
<i>Pathophysiology and manifestations 806</i>		INTERPROFESSIONAL CARE	865
INTERPROFESSIONAL CARE	806	NURSING CARE	866
NURSING CARE	807	The person with urinary incontinence	867
The person with pancreatitis	807	<i>Incidence and prevalence 867; Pathophysiology 868</i>	
<i>Physiology review 807; Pathophysiology 807</i>		INTERPROFESSIONAL CARE	869
INTERPROFESSIONAL CARE	809	NURSING CARE	871
NURSING CARE	810	<b>CHAPTER 27 Nursing care of people</b>	
The person with pancreatic cancer	813	<b>with kidney disorders</b>	<b>877</b>
<i>Pathophysiology and manifestations 813</i>		Renal insufficiency: towards a new understanding	878
INTERPROFESSIONAL CARE	813	Age-related changes in kidney function	878

The person with acute kidney injury	879	<i>Lymphatic system and the human brain 948</i>	
<i>Incidence and risk factors 879; Physiology review 880; Pathophysiology 880; Clinical course and manifestations of acute kidney injury 885; Diagnostics 885</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>886</b>	<b>Health assessment and documentation</b>	<b>948</b>
<b>NURSING CARE</b>	<b>888</b>	<i>Health assessment interview 948; Diagnostic tests of the cardiovascular and lymphatic systems 949; Physical assessment 961; Genetic considerations 962</i>	
The person with kidney trauma	891	Interpretation of normal and aberrant data obtained from cardiovascular and lymphatic system assessment	964
<i>Pathophysiology and manifestations 891</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>891</b>	<b>CHAPTER 29 Nursing care of people with coronary heart disease</b>	<b>976</b>
<b>NURSING CARE</b>	<b>891</b>		
The person with a renal tumour	891	The person with coronary heart disease	977
<i>Pathophysiology and manifestations 891</i>		<i>Incidence and prevalence 977; Physiology review 977; Pathophysiology 977; Risk factors 981</i>	
<b>INTERPROFESSIONAL CARE</b>	<b>892</b>	<b>INTERPROFESSIONAL CARE</b>	<b>984</b>
<b>NURSING CARE</b>	<b>892</b>	<b>The person with angina pectoris</b>	<b>987</b>
The person with a congenital kidney malformation	895	<i>Pathophysiology 987; Course and manifestations 988</i>	
The person with chronic kidney disease	895	<b>INTERPROFESSIONAL CARE</b>	<b>988</b>
<i>The burden of kidney disease on Indigenous peoples 896; Physiology review 896; Pathophysiology 896</i>		<b>NURSING CARE</b>	<b>992</b>
The person with a renovascular disorder	899	The person with acute coronary syndrome	993
<i>Hypertension 899; Renal artery occlusion 900; Renal vein occlusion 900; Renal artery stenosis 900; Polycystic kidney disease 900</i>		<i>Pathophysiology 993; Manifestations 994</i>	
Manifestations and complications of CKD	901	<b>INTERPROFESSIONAL CARE</b>	<b>994</b>
<i>Uraemia 901; Fluid and electrolyte effects 901; Cardiovascular effects 901; Haematological effects 901; Immune system effects 903; Gastrointestinal effects 903; Neurological effects 903; Musculoskeletal effects 903; Endocrine and metabolic effects 903; Dermatological effects 903</i>		<b>NURSING CARE</b>	<b>998</b>
<b>INTERPROFESSIONAL CARE</b>	<b>903</b>	The person with acute myocardial infarction	998
<b>NURSING CARE</b>	<b>907</b>	<i>Pathophysiology 1001; Manifestations 1003; Complications 1004</i>	
The person with end-stage kidney disease	910	<b>INTERPROFESSIONAL CARE</b>	<b>1005</b>
<i>Kidney replacement therapy 910; Dialysis 910; Supportive care 910; Haemodialysis 911; Peritoneal dialysis 913; Continuous renal replacement therapy 915; Collaborative care 915</i>		<b>NURSING CARE</b>	<b>1010</b>
Kidney transplantation	915	The person with a cardiac arrhythmia	1013
<b>NURSING CARE</b>	<b>918</b>	<i>Physiology review 1015; Pathophysiology 1015</i>	
<b>UNIT 8</b>		<b>INTERPROFESSIONAL CARE</b>	<b>1023</b>
<b>RESPONSES TO ALTERED</b>		<b>NURSING CARE</b>	<b>1032</b>
<b>CARDIOVASCULAR FUNCTION</b>	<b>929</b>	The person with sudden cardiac death	1034
<b>CHAPTER 28 A person-centred approach to assessing the cardiovascular and lymphatic systems</b>	<b>930</b>	<i>Pathophysiology 1034; Manifestations 1035</i>	
Structure and function of the cardiovascular system	931	<b>INTERPROFESSIONAL CARE</b>	<b>1035</b>
<i>Chambers and valves of the heart 932; Systemic, pulmonary and coronary circulation 933; The cardiac cycle and cardiac output 934; The conduction system of the heart 937</i>		<b>NURSING CARE</b>	<b>1036</b>
The peripheral vascular system	937	<b>CHAPTER 30 Nursing care of people with cardiac disorders</b>	<b>1040</b>
<i>Structure of blood vessels 937; Physiology of arterial circulation 940</i>			
Structure and function of blood	941	The person with heart failure	1041
<i>Red blood cells 941; White blood cells 944; Platelets 944; Haemostasis 944</i>		<i>Incidence, prevalence and risk factors 1041; Physiology review 1042; Pathophysiology 1043; Classifications and manifestations of heart failure 1044; Complications 1046</i>	
Structure and function of the lymphatic system	945	<b>INTERPROFESSIONAL CARE</b>	<b>1046</b>
		<b>NURSING CARE</b>	<b>1050</b>
		The person with pulmonary oedema	1054
		<i>Pathophysiology 1054; Manifestations 1054</i>	
		<b>INTERPROFESSIONAL CARE</b>	<b>1055</b>
		<b>NURSING CARE</b>	<b>1055</b>
		The person with rheumatic fever and rheumatic heart disease	1056
		<i>Incidence, prevalence and risk factors 1057; Pathophysiology 1057; Manifestations 1057</i>	
		<b>INTERPROFESSIONAL CARE</b>	<b>1058</b>
		<b>NURSING CARE</b>	<b>1058</b>

The person with infective endocarditis	1060	The person with Raynaud's disease	1120
<i>Incidence and risk factors 1060; Pathophysiology 1060; Manifestations 1061; Complications 1061</i>		<i>Pathophysiology and manifestations 1120</i>	
INTERPROFESSIONAL CARE	1061	INTERPROFESSIONAL CARE	1121
NURSING CARE	1062	NURSING CARE	1121
		<i>Physiology review 1121</i>	
The person with myocarditis	1063	The person with venous thrombosis	1121
<i>Incidence and risk factors 1063; Pathophysiology 1063; Manifestations 1064</i>		<i>Pathophysiology 1122</i>	
INTERPROFESSIONAL CARE	1064	INTERPROFESSIONAL CARE	1123
NURSING CARE	1064	NURSING CARE	1126
The person with pericarditis	1064	The person with chronic venous insufficiency	1129
<i>Pathophysiology 1065; Manifestations 1065; Complications 1065</i>		<i>Pathophysiology 1129; Manifestations 1130</i>	
INTERPROFESSIONAL CARE	1066	INTERPROFESSIONAL CARE	1130
NURSING CARE	1067	NURSING CARE	1131
The person with valvular heart disease	1068	The person with varicose veins	1132
<i>Physiology review 1068; Pathophysiology 1069</i>		<i>Incidence and risk factors 1132; Pathophysiology 1132; Manifestations 1132; Complications 1132</i>	
INTERPROFESSIONAL CARE	1074	INTERPROFESSIONAL CARE	1133
NURSING CARE	1076	NURSING CARE	1133
The person with cardiomyopathy	1078	The person with lymphatic system compromise	1135
<i>Pathophysiology 1079</i>		<i>Lymphadenopathy 1135; Lymphoedema 1135</i>	
INTERPROFESSIONAL CARE	1081	INTERPROFESSIONAL CARE	1136
NURSING CARE	1081	NURSING CARE	1136
<b>CHAPTER 31 Nursing care of people with vascular and lymphatic disorders</b>	<b>1085</b>	<b>CHAPTER 32 Nursing care of people with haematological disorders</b>	<b>1141</b>
<i>Physiology review 1086</i>		The person with anaemia	1142
Primary hypertension	1088	<i>Physiology review 1142; Pathophysiology and manifestations 1142</i>	
<i>Incidence and risk factors 1088; Pathophysiology 1089; Manifestations 1090; Complications 1090</i>		INTERPROFESSIONAL CARE	1150
INTERPROFESSIONAL CARE	1091	NURSING CARE	1152
NURSING CARE	1096	The person with myelodysplastic syndrome	1155
Secondary hypertension	1101	<i>Pathophysiology 1155; Manifestations 1156</i>	
Hypertensive crisis	1103	INTERPROFESSIONAL CARE	1156
The person with an aneurysm	1104	NURSING CARE	1156
<i>Pathophysiology and manifestations 1104</i>		The person with polycythaemia	1157
INTERPROFESSIONAL CARE	1107	<i>Pathophysiology 1157</i>	
NURSING CARE	1108	INTERPROFESSIONAL CARE	1158
<i>Physiology review 1111</i>		NURSING CARE	1158
The person with peripheral vascular disease	1111	The person with leukaemia	1159
<i>Incidence and risk factors 1111; Pathophysiology 1111; Manifestations and complications 1111</i>		<i>Incidence and risk factors 1159; Physiology review 1159; Pathophysiology 1159; Manifestations 1160; Classifications 1160</i>	
INTERPROFESSIONAL CARE	1112	INTERPROFESSIONAL CARE	1164
NURSING CARE	1113	NURSING CARE	1166
Acute arterial occlusion	1116	The person with malignant lymphoma	1170
<i>Pathophysiology 1116; Manifestations 1116</i>		<i>Incidence and risk factors 1171; Pathophysiology 1171</i>	
INTERPROFESSIONAL CARE	1117	INTERPROFESSIONAL CARE	1173
NURSING CARE	1117	NURSING CARE	1174
The person with thromboangiitis obliterans	1118	The person with multiple myeloma	1178
<i>Incidence and risk factors 1119; Pathophysiology and course 1119; Manifestations and complications 1119</i>		<i>Incidence and risk factors 1178; Pathophysiology 1178; Manifestations 1178</i>	
INTERPROFESSIONAL CARE	1119	INTERPROFESSIONAL CARE	1179
NURSING CARE	1119		



The person with pneumonia	1254	NURSING CARE	1321
<i>Physiology review 1254; Pathophysiology 1254</i>		The person with cystic fibrosis	1327
INTERPROFESSIONAL CARE	1258	<i>Incidence and prevalence 1327; Pathophysiology 1327; Manifestations 1328</i>	
NURSING CARE	1260	INTERPROFESSIONAL CARE	1328
The person with lung abscess	1264	NURSING CARE	1329
<i>Pathophysiology and manifestations 1264</i>		The person with atelectasis	1330
INTERPROFESSIONAL CARE	1265	The person with bronchiectasis	1330
NURSING CARE	1265	The person with an occupational lung disease	1331
The person with tuberculosis	1265	<i>Physiology review 1331; Pathophysiology and manifestations 1331</i>	
<i>Incidence and prevalence 1265; Risk factors 1265; Pathophysiology 1266</i>		INTERPROFESSIONAL CARE	1332
INTERPROFESSIONAL CARE	1271	NURSING CARE	1332
NURSING CARE	1272	The person with sarcoidosis	1333
The person with a fungal infection	1274	The person with pulmonary embolism	1334
<i>Pneumocystis carinii pneumonia 1274; Aspergillosis 1274</i>		<i>Incidence and risk factors 1334; Physiology review 1334; Pathophysiology 1334; Manifestations 1335</i>	
INTERPROFESSIONAL CARE	1274	INTERPROFESSIONAL CARE	1335
NURSING CARE	1275	NURSING CARE	1336
The person with pleuritis	1275	The person with pulmonary hypertension	1338
The person with a pleural effusion	1276	<i>Pathophysiology 1338; Manifestations 1339; Complications 1339</i>	
<i>Pathophysiology and manifestations 1276</i>		INTERPROFESSIONAL CARE	1339
INTERPROFESSIONAL CARE	1276	NURSING CARE	1339
NURSING CARE	1276	The person with acute respiratory failure	1340
The person with pneumothorax	1278	<i>Pathophysiology 1340; Manifestations and course 1340</i>	
<i>Pathophysiology 1278</i>		INTERPROFESSIONAL CARE	1341
INTERPROFESSIONAL CARE	1280	NURSING CARE	1350
NURSING CARE	1280	The person with acute respiratory distress syndrome	1354
The person with haemothorax	1282	<i>Pathophysiology 1354; Manifestations 1354</i>	
The person with a thoracic injury	1283	INTERPROFESSIONAL CARE	1355
<i>Pathophysiology and manifestations 1283</i>		NURSING CARE	1355
INTERPROFESSIONAL CARE	1284	<b>UNIT 10</b>	
NURSING CARE	1284	<b>RESPONSES TO ALTERED</b>	
The person with inhalation injury	1285	<b>MUSCULOSKELETAL FUNCTION</b>	<b>1363</b>
<i>Pathophysiology and manifestations 1286</i>		<b>CHAPTER 37 A person-centred approach</b>	
INTERPROFESSIONAL CARE	1286	<b>to assessing the musculoskeletal system</b>	<b>1364</b>
NURSING CARE	1288	<i>The skeleton 1365; Muscles 1367; Joints, ligaments and tendons 1370</i>	
The person with lung cancer	1289	Assessing musculoskeletal function	1371
<i>Incidence and risk factors 1289; Pathophysiology 1290; Manifestations 1290; Complications and course 1290</i>		<i>Health assessment interview 1371; Physical assessment 1371; Diagnostic tests 1374; Genetic considerations 1375</i>	
INTERPROFESSIONAL CARE	1290	<b>CHAPTER 38 Nursing care of people with</b>	
NURSING CARE	1294	<b>musculoskeletal trauma</b>	<b>1383</b>
<b>CHAPTER 36 Nursing care of people with gas exchange disorders</b>	<b>1302</b>	The person with a contusion, strain or sprain	1384
The person with asthma	1303	<i>Pathophysiology and manifestations 1384</i>	
<i>Prevalence and risk factors 1303; Physiology review 1304; Pathophysiology 1304; Manifestations and complications 1305</i>		INTERPROFESSIONAL CARE	1384
INTERPROFESSIONAL CARE	1306	NURSING CARE	1385
NURSING CARE	1313	The person with a joint dislocation	1385
Chronic obstructive pulmonary disease	1315	<i>Pathophysiology 1385; Manifestations 1386</i>	
<i>Incidence and risk factors 1315; Pathophysiology 1315; Manifestations 1317</i>			
INTERPROFESSIONAL CARE	1318		

INTERPROFESSIONAL CARE	1386	INTERPROFESSIONAL CARE	1449
NURSING CARE	1386	NURSING CARE	1452
The person with a fracture	1386	The person with ankylosing spondylitis	1455
<i>Pathophysiology 1387; Fracture healing 1387; Manifestations 1390; Complications 1390</i>		<i>Pathophysiology 1455; Manifestations 1455</i>	
INTERPROFESSIONAL CARE	1392	INTERPROFESSIONAL CARE	1456
<i>Fractures of specific bones or bony areas 1397</i>		NURSING CARE	1456
NURSING CARE	1402	The person with reactive arthritis	1456
The person with an amputation	1406	<i>Manifestations 1456</i>	
<i>Causes of amputation 1406; Levels of amputation 1407; Types of amputation 1407; Amputation site healing 1407; Complications 1408</i>		INTERPROFESSIONAL CARE	1456
INTERPROFESSIONAL CARE	1409	NURSING CARE	1456
NURSING CARE	1409	The person with systemic lupus erythematosus	1457
The person with a repetitive use injury	1413	<i>Pathophysiology 1457; Manifestations 1457</i>	
<i>Pathophysiology 1413</i>		INTERPROFESSIONAL CARE	1459
INTERPROFESSIONAL CARE	1414	NURSING CARE	1460
NURSING CARE	1414	The person with polymyositis	1462
<b>CHAPTER 39 Nursing care of people with musculoskeletal disorders</b>	<b>1417</b>	<i>Manifestation 1462</i>	
The person with osteoporosis	1418	INTERPROFESSIONAL CARE	1462
<i>Risk factors 1418; Pathophysiology 1419; Manifestations 1420; Complications 1420</i>		NURSING CARE	1462
INTERPROFESSIONAL CARE	1420	The person with osteomyelitis	1463
NURSING CARE	1422	<i>Pathophysiology 1463; Manifestations 1464</i>	
The person with paget's disease	1426	INTERPROFESSIONAL CARE	1464
<i>Pathophysiology 1426; Manifestations 1426; Complications 1426</i>		NURSING CARE	1465
INTERPROFESSIONAL CARE	1426	The person with septic arthritis	1466
NURSING CARE	1428	<i>Pathophysiology 1466; Manifestations 1467</i>	
The person with gout	1428	INTERPROFESSIONAL CARE	1467
<i>Pathophysiology 1429; Manifestations 1429; Complications 1430</i>		NURSING CARE	1467
INTERPROFESSIONAL CARE	1430	The person with bone tumours	1467
NURSING CARE	1431	<i>Pathophysiology 1468; Manifestations 1468</i>	
The person with osteomalacia	1433	INTERPROFESSIONAL CARE	1468
<i>Pathophysiology 1434; Manifestations 1434</i>		NURSING CARE	1469
INTERPROFESSIONAL CARE	1434	The person with systemic sclerosis (scleroderma)	1470
NURSING CARE	1434	<i>Pathophysiology 1471; Manifestations 1471</i>	
The person with osteoarthritis	1435	INTERPROFESSIONAL CARE	1471
<i>Risk factors 1435; Pathophysiology 1436; Manifestations 1436; Complications 1437</i>		NURSING CARE	1472
INTERPROFESSIONAL CARE	1437	The person with Sjögren's syndrome	1472
NURSING CARE	1441	<i>Pathophysiology 1472</i>	
The person with muscular dystrophy	1443	INTERPROFESSIONAL CARE	1472
<i>Pathophysiology 1444; Manifestations 1444</i>		NURSING CARE	1473
INTERPROFESSIONAL CARE	1444	The person with fibromyalgia	1473
NURSING CARE	1444	<i>Pathophysiology 1473; Manifestations 1473</i>	
The person with rheumatoid arthritis	1445	INTERPROFESSIONAL CARE	1473
<i>Pathophysiology 1445; Joint manifestations 1446; Extra-articular manifestations 1447; Increased risk of coronary heart disease 1447; Juvenile rheumatoid arthritis 1447</i>		NURSING CARE	1474
		The person with spinal deformities	1474
		<i>Pathophysiology 1474</i>	
		INTERPROFESSIONAL CARE	1475
		NURSING CARE	1476
		The person with common foot disorders	1476
		<i>Pathophysiology 1476</i>	
		INTERPROFESSIONAL CARE	1477
		NURSING CARE	1477

<b>UNIT 11</b>			
<b>RESPONSES TO ALTERED NEUROLOGICAL FUNCTION</b>	<b>1483</b>		
<b>CHAPTER 40 A person-centred approach to assessing the nervous system</b>	<b>1484</b>		
<i>Nerve cells, action potentials and neurotransmitters 1485; The central nervous system 1487; The peripheral nervous system 1491; The autonomic nervous system 1492</i>			
<b>Assessing neurological function</b>	<b>1493</b>		
<i>Health assessment interview 1494; Physical assessment 1495; Diagnostic tests 1496; Genetic considerations 1497</i>			
<b>CHAPTER 41 Nursing care of people with intracranial disorders</b>	<b>1510</b>		
<b>The person with altered level of consciousness</b>	<b>1511</b>		
<i>Pathophysiology 1512; Prognosis 1515</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1515</b>		
<b>NURSING CARE</b>	<b>1516</b>		
<b>The person with increased intracranial pressure</b>	<b>1519</b>		
<i>Pathophysiology 1519; Manifestations 1519; Cerebral oedema 1520; Hydrocephalus 1520; Brain herniation 1521</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1521</b>		
<b>NURSING CARE</b>	<b>1524</b>		
<b>The person with a headache</b>	<b>1526</b>		
<i>Pathophysiology 1526</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1527</b>		
<b>NURSING CARE</b>	<b>1530</b>		
<b>The person with epilepsy</b>	<b>1531</b>		
<i>Incidence and prevalence 1531; Pathophysiology 1532; Manifestations 1532</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1534</b>		
<b>NURSING CARE</b>	<b>1535</b>		
<b>The person with a skull fracture</b>	<b>1539</b>		
<i>Pathophysiology 1539</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1539</b>		
<b>NURSING CARE</b>	<b>1540</b>		
<b>The person with a focal or diffuse traumatic brain injury</b>	<b>1540</b>		
<i>Pathophysiology 1540</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1544</b>		
<b>NURSING CARE</b>	<b>1544</b>		
<b>The person with a central nervous system infection</b>	<b>1548</b>		
<i>Pathophysiology 1548</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1550</b>		
<b>NURSING CARE</b>	<b>1551</b>		
<b>The person with a brain tumour</b>	<b>1553</b>		
<i>Incidence and prevalence 1553; Pathophysiology 1554; Manifestations 1555</i>			
<b>INTERPROFESSIONAL CARE</b>	<b>1555</b>		
<b>NURSING CARE</b>	<b>1556</b>		
<b>CHAPTER 42 Nursing care of people with cerebrovascular and spinal cord disorders</b>		<b>1562</b>	
<b>The person with a stroke</b>		<b>1563</b>	
<i>Incidence and prevalence 1563; Risk factors 1563; Pathophysiology 1564; Manifestations 1565; Complications 1566</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1568</b>	
<b>NURSING CARE</b>		<b>1570</b>	
<b>The person with an intracranial aneurysm</b>		<b>1576</b>	
<i>Incidence and prevalence 1576; Pathophysiology 1576; Manifestations 1577; Complications 1577</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1577</b>	
<b>NURSING CARE</b>		<b>1578</b>	
<b>The person with an arteriovenous malformation</b>		<b>1579</b>	
<i>Pathophysiology 1579</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1579</b>	
<b>NURSING CARE</b>		<b>1580</b>	
<b>The person with a spinal cord injury</b>		<b>1580</b>	
<i>Incidence and prevalence 1580; Risk factors 1580; Pathophysiology 1580; Manifestations 1582; Complications 1583</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1584</b>	
<b>NURSING CARE</b>		<b>1586</b>	
<b>The person with a herniated intervertebral disc</b>		<b>1591</b>	
<i>Incidence and prevalence 1591; Pathophysiology 1592; Lumbar disc manifestations 1592; Cervical disc manifestations 1593</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1593</b>	
<b>NURSING CARE</b>		<b>1595</b>	
<b>The person with a spinal cord tumour</b>		<b>1597</b>	
<i>Classification 1597; Pathophysiology 1597; Manifestations 1597</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1598</b>	
<b>NURSING CARE</b>		<b>1598</b>	
<b>CHAPTER 43 Nursing care of people with neurological disorders</b>		<b>1601</b>	
<b>Dementia</b>		<b>1602</b>	
<b>The person with Alzheimer's disease</b>		<b>1603</b>	
<i>Incidence and prevalence 1603; Risk factors and warning signs 1603; Pathophysiology 1603; Manifestations 1605</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1606</b>	
<b>NURSING CARE</b>		<b>1607</b>	
<b>The person with multiple sclerosis</b>		<b>1611</b>	
<i>Incidence and prevalence 1611; Pathophysiology 1611; Manifestations 1614</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1614</b>	
<b>NURSING CARE</b>		<b>1616</b>	
<b>The person with Parkinson's disease</b>		<b>1620</b>	
<i>Incidence and prevalence 1620; Pathophysiology 1620; Manifestations 1620; Complications 1622</i>			
<b>INTERPROFESSIONAL CARE</b>		<b>1622</b>	
<b>NURSING CARE</b>		<b>1624</b>	

The person with Huntington's disease	1627	Assessing the eyes	1659
<i>Pathophysiology 1628; Manifestations 1628</i>		<i>Health assessment interview 1659; Physical assessment of the eyes and vision 1660; Diagnostic tests 1662; Genetic considerations 1663; Vision assessment 1663</i>	
INTERPROFESSIONAL CARE	1628		
NURSING CARE	1629		
The person with motor neurone disease	1630	The external ear	1668
<i>Pathophysiology 1630; Manifestations 1631</i>		The middle ear	1669
INTERPROFESSIONAL CARE	1631	The inner ear	1669
NURSING CARE	1631	<i>Sound conduction 1669; Equilibrium 1669</i>	
The person with myasthenia gravis	1632	Assessing the ears	1670
<i>Pathophysiology 1633; Manifestations 1633; Complications 1634</i>		<i>Health assessment interview 1670; Physical assessment of the ears and hearing 1670; Diagnostic tests 1672; Genetic considerations 1674; Hearing assessment 1674</i>	
INTERPROFESSIONAL CARE	1634		
NURSING CARE	1636	<b>CHAPTER 45 Nursing care of people with eye and ear disorders</b>	<b>1678</b>
The person with Guillain–Barré syndrome	1638		
<i>Pathophysiology 1639; Manifestations 1639</i>		The person with conjunctivitis	1680
INTERPROFESSIONAL CARE	1639	<i>Pathophysiology and manifestations 1681</i>	
NURSING CARE	1640	INTERPROFESSIONAL CARE	1681
The person with trigeminal neuralgia	1641	NURSING CARE	1682
<i>Pathophysiology 1641; Manifestations 1642</i>		The person with a corneal disorder	1683
INTERPROFESSIONAL CARE	1642	<i>Physiology review 1683; Pathophysiology and manifestations 1683</i>	
NURSING CARE	1642	INTERPROFESSIONAL CARE	1684
The person with Bell's palsy	1643	NURSING CARE	1685
<i>Pathophysiology 1643; Manifestations 1643</i>		Disorders affecting the eyelids	1688
INTERPROFESSIONAL CARE	1644	<i>Pathophysiology and manifestations 1688</i>	
NURSING CARE	1644	INTERPROFESSIONAL CARE	1689
The person with Creutzfeldt–Jakob disease	1645	NURSING CARE	1689
<i>Pathophysiology 1645; Manifestations 1645</i>		The person with eye trauma	1689
INTERPROFESSIONAL CARE	1645	<i>Pathophysiology and manifestations 1689</i>	
NURSING CARE	1645	INTERPROFESSIONAL CARE	1690
The person with postpoliomyelitis syndrome	1646	NURSING CARE	1690
<i>Pathophysiology 1646; Manifestations 1646</i>		The person with uveitis	1691
INTERPROFESSIONAL CARE	1646	The person with cataracts	1691
NURSING CARE	1646	<i>Incidence and risk factors 1691; Pathophysiology 1691; Manifestations 1692</i>	
The person with rabies	1646	INTERPROFESSIONAL CARE	1692
<i>Pathophysiology 1647; Manifestations 1647</i>		NURSING CARE	1692
INTERPROFESSIONAL CARE	1647	The person with glaucoma	1694
NURSING CARE	1647	<i>Incidence and risk factors 1694; Pathophysiology 1694</i>	
The person with tetanus	1647	INTERPROFESSIONAL CARE	1696
<i>Pathophysiology 1647; Manifestations 1648</i>		NURSING CARE	1698
INTERPROFESSIONAL CARE	1648	The person with age-related macular degeneration	1701
NURSING CARE	1648	<i>Pathophysiology 1702; Manifestations 1702</i>	
The person with botulism	1648	INTERPROFESSIONAL CARE	1702
<i>Pathophysiology 1649; Manifestations 1649</i>		NURSING CARE	1702
INTERPROFESSIONAL CARE	1649	The person with diabetic retinopathy	1703
NURSING CARE	1649	<i>Pathophysiology and manifestations 1703</i>	
<b>UNIT 12</b>		INTERPROFESSIONAL CARE	1704
<b>RESPONSES TO ALTERED VISUAL AND AUDITORY FUNCTION</b>	<b>1654</b>	NURSING CARE	1704
<b>CHAPTER 44 A person-centred approach to assessing the eye and ear</b>	<b>1655</b>	The person with a retinal detachment	1704
<i>Extraocular structures 1656; Intraocular structures 1656; The visual pathway 1658; Refraction 1659</i>		<i>Pathophysiology and manifestations 1704</i>	
		INTERPROFESSIONAL CARE	1705
		NURSING CARE	1705

The person with retinitis pigmentosa	1706	<b>CHAPTER 47 Nursing care of men with reproductive system and breast disorders</b>	<b>1755</b>
The person with HIV infection	1706	The man with erectile dysfunction	1756
The person with an enucleation	1706	<i>Pathophysiology 1757</i>	
The person with otitis externa	1707	INTERPROFESSIONAL CARE	1757
<i>Pathophysiology and manifestations 1708</i>		NURSING CARE	1758
INTERPROFESSIONAL CARE	1708	The man with ejaculatory dysfunction	1759
NURSING CARE	1708	The man with phimosis or priapism	1760
The person with impacted cerumen or a foreign body	1709	<i>Pathophysiology 1760</i>	
<i>Pathophysiology and manifestations 1709</i>		INTERPROFESSIONAL CARE	1760
INTERPROFESSIONAL CARE	1709	NURSING CARE	1760
NURSING CARE	1710	The man with cancer of the penis	1760
The person with otitis media	1710	<i>Pathophysiology 1761</i>	
<i>Pathophysiology 1710</i>		INTERPROFESSIONAL CARE	1761
INTERPROFESSIONAL CARE	1711	NURSING CARE	1761
NURSING CARE	1712	The man with a benign scrotal mass	1761
The person with acute mastoiditis	1712	<i>Pathophysiology 1761</i>	
<i>Pathophysiology and complications 1712; Manifestations 1712</i>		NURSING CARE	1762
INTERPROFESSIONAL CARE	1713	The man with epididymitis	1762
NURSING CARE	1713	INTERPROFESSIONAL CARE	1762
The person with chronic otitis media	1714	NURSING CARE	1762
The person with otosclerosis	1714	The man with orchitis	1763
The person with an inner ear disorder	1714	INTERPROFESSIONAL CARE	1763
<i>Pathophysiology and manifestations 1715</i>		The man with testicular torsion	1763
INTERPROFESSIONAL CARE	1716	The man with testicular cancer	1763
NURSING CARE	1716	<i>Risk factors 1763; Pathophysiology 1763; Manifestations 1763</i>	
The person with an acoustic neuroma	1717	INTERPROFESSIONAL CARE	1763
The person with hearing loss	1718	NURSING CARE	1764
<i>Pathophysiology and manifestations 1718</i>		The man with prostatitis	1765
INTERPROFESSIONAL CARE	1719	<i>Pathophysiology and manifestations 1765</i>	
NURSING CARE	1721	INTERPROFESSIONAL CARE	1766
<b>UNIT 13</b>		NURSING CARE	1766
<b>RESPONSES TO ALTERED</b>		The man with benign prostatic hyperplasia	1766
<b>REPRODUCTIVE FUNCTION</b>	<b>1727</b>	<i>Risk factors 1767; Pathophysiology 1767; Manifestations 1767; Complications 1767</i>	
<b>CHAPTER 46 A person-centred approach to assessing the male and female reproductive systems</b>	<b>1728</b>	INTERPROFESSIONAL CARE	1768
<i>The breasts 1729; The penis 1729; The scrotum 1729; The testes 1729; The ducts and semen 1729; The prostate gland 1730; Spermatogenesis 1730; Functions of the male sex hormones 1730</i>		NURSING CARE	1769
Assessing the male reproductive system	1731	The man with prostate cancer	1773
<i>Health assessment interview 1731; Physical assessment 1733; Diagnostic tests 1733; Genetic considerations 1737; The breasts 1738; The external genitalia 1738; The internal organs 1739; Functions of the female sex hormones 1740; Oogenesis and the ovarian cycle 1741; The menstrual cycle 1742</i>		<i>Risk factors 1773; Pathophysiology 1773; Manifestations 1773; Complications 1773</i>	
Assessing the female reproductive system	1742	INTERPROFESSIONAL CARE	1773
<i>Health assessment interview 1742; Physical assessment 1745; Diagnostic tests 1745; Genetic considerations 1749</i>		NURSING CARE	1777
		The man with gynaecomastia	1780
		The man with breast cancer	1780
		<b>CHAPTER 48 Nursing care of women with reproductive system and breast disorders</b>	<b>1783</b>
		Disorders of female sexual function	1784
		<i>Pathophysiology 1784</i>	
		NURSING CARE	1785
		The woman with premenstrual syndrome	1785
		<i>Pathophysiology 1786; Manifestations 1786</i>	

INTERPROFESSIONAL CARE	1786	<i>The physiology of menopause 1810;</i>	
NURSING CARE	1786	<i>Manifestations 1810</i>	
The woman with dysmenorrhoea	1788	INTERPROFESSIONAL CARE	1810
<i>Pathophysiology 1788; Manifestations 1788</i>		NURSING CARE	1811
INTERPROFESSIONAL CARE	1788	The woman with a benign breast disorder	1813
NURSING CARE	1790	<i>Pathophysiology and manifestations 1813</i>	
The woman with dysfunctional uterine bleeding	1790	INTERPROFESSIONAL CARE	1814
<i>Pathophysiology 1790</i>		NURSING CARE	1814
INTERPROFESSIONAL CARE	1791	The woman with breast cancer	1814
NURSING CARE	1793	<i>Risk factors 1815; Pathophysiology 1815;</i>	
The woman with a uterine displacement	1793	<i>Manifestations 1816</i>	
<i>Pathophysiology 1794; Manifestations 1794</i>		INTERPROFESSIONAL CARE	1816
INTERPROFESSIONAL CARE	1795	NURSING CARE	1819
NURSING CARE	1795	<b>CHAPTER 49 Nursing care of people who have</b>	
The woman with a vaginal fistula	1796	<b>sexually transmitted infections</b>	<b>1827</b>
INTERPROFESSIONAL CARE	1796	<i>Incidence and prevalence 1828; Pathophysiology,</i>	
NURSING CARE	1796	<i>manifestations and nursing care 1828; Prevention</i>	
The woman with cysts or polyps	1797	<i>and control 1829</i>	
<i>Pathophysiology 1797; Manifestations and</i>		The person with genital herpes	1830
<i>complications 1797</i>		<i>Pathophysiology 1830; Manifestations 1830</i>	
INTERPROFESSIONAL CARE	1797	INTERPROFESSIONAL CARE	1831
NURSING CARE	1798	NURSING CARE	1831
The woman with leiomyoma	1798	The person with genital warts	1832
<i>Pathophysiology 1798; Manifestations 1798</i>		<i>Prevention 1832; Pathophysiology 1833;</i>	
INTERPROFESSIONAL CARE	1798	<i>Manifestations 1833</i>	
NURSING CARE	1799	INTERPROFESSIONAL CARE	1833
The woman with endometriosis	1799	NURSING CARE	1833
<i>Pathophysiology 1799; Manifestations 1799</i>		The person with a vaginal infection	1835
INTERPROFESSIONAL CARE	1799	<i>Pathophysiology and manifestations 1835</i>	
NURSING CARE	1799	INTERPROFESSIONAL CARE	1836
The woman with cervical cancer	1801	NURSING CARE	1836
<i>Risk factors 1801; Pathophysiology 1801;</i>		The person with chlamydia	1837
<i>Manifestations 1802</i>		<i>Pathophysiology 1837; Manifestations 1837;</i>	
INTERPROFESSIONAL CARE	1802	<i>Complications 1837</i>	
NURSING CARE	1802	INTERPROFESSIONAL CARE	1837
The woman with endometrial cancer	1805	NURSING CARE	1838
<i>Risk factors 1805; Pathophysiology 1805;</i>		The person with gonorrhoea	1838
<i>Manifestations 1805</i>		<i>Pathophysiology 1838; Manifestations 1838;</i>	
INTERPROFESSIONAL CARE	1805	<i>Complications 1839</i>	
NURSING CARE	1806	INTERPROFESSIONAL CARE	1839
The woman with ovarian cancer	1806	NURSING CARE	1839
<i>Risk factors 1806; Pathophysiology 1807;</i>		The person with syphilis	1841
<i>Manifestations 1807; Complications 1807</i>		<i>Pathophysiology 1841; Manifestations 1841</i>	
INTERPROFESSIONAL CARE	1807	INTERPROFESSIONAL CARE	1842
NURSING CARE	1808	NURSING CARE	1843
The woman with cancer of the vulva	1808	The person with pelvic inflammatory disease	1845
<i>Pathophysiology 1808; Manifestations 1808</i>		<i>Pathophysiology 1845; Manifestations 1845;</i>	
INTERPROFESSIONAL CARE	1809	<i>Complications 1845</i>	
NURSING CARE	1809	INTERPROFESSIONAL CARE	1845
Menopause	1810	NURSING CARE	1846

<b>UNIT 14</b>			
<b>SPECIAL TOPICS IN</b>			
<b>MEDICAL–SURGICAL NURSING</b>	<b>1851</b>		
<b>CHAPTER 50 Mental healthcare in the Australian context</b>	<b>1852</b>		
Mental health and mental illness	1854		
<i>Diagnosis 1855; Definitions 1855; Stigma 1856;</i>			
<i>The role of the mental health nurse 1857;</i>			
<i>Mental health legislation 1860; Recovery 1861</i>			
Mental state assessment	1864		
Types of mental illness	1866		
<i>Psychotic disorders 1866; Non-psychotic disorders 1868;</i>			
<i>Treatments in mental health 1869</i>			
<b>CHAPTER 51 Community care</b>	<b>1872</b>		
Introduction	1873		
What is a community?	1873		
Community care in Australia	1874		
Models of health and community care	1877		
<i>The biomedical model of health 1878; The biopsychosocial</i>			
<i>model of health 1878; The social model of health 1878</i>			
Social determinants and community health	1878		
<i>Early life factors 1879; Income and socioeconomic conditions</i>			
<i>1879; Living conditions 1879; Other factors 1880; Levels of</i>			
<i>determinants and interventions 1881</i>			
Primary healthcare and primary care	1881		
<i>Primary healthcare 1881; Primary care 1883</i>			
Health education and health promotion	1883		
		<i>Individualist health promotion 1883; Structuralist–collectivist</i>	
		<i>health promotion 1884</i>	
		Nurses and community care	1885
		<i>Caravan Park Project 1886; Practice nursing 1887; Managing</i>	
		<i>acute illness at home 1888</i>	
		The way forward	1889
		<b>CHAPTER 52 Nursing care of people in regional and remote areas of Australia</b>	<b>1893</b>
		Challenges and rewards	1894
		The differences between ‘regional’ and ‘remote’	1894
		<i>Regional and remote nursing 1894</i>	
		Primary healthcare and regional and remote nursing	1897
		<i>Primary healthcare and social determinants</i>	
		<i>of health 1897</i>	
		Indigenous health considerations in regional and remote areas	1897
		<i>Working in an Indigenous community 1898</i>	
		The regional and remote nursing workforce	1899
		<i>Competency to practise 1899</i>	
		Role of the nurse in regional and remote Australia	1901
		<i>Health promotion 1901; Screening and prevention strategies</i>	
		<i>1902; Acute assessment 1902; Emergency nursing care 1902;</i>	
		<i>Establishing boundaries 1905; Teleconsultations/</i>	
		<i>videoconsultations 1906; Liaison and advocacy 1907; Provision</i>	
		<i>of care for the person from a regional or remote area 1907</i>	
		<b>Glossary</b>	<b>G-1</b>
		<b>Index</b>	<b>I-1</b>