

616-083

032

NSNA

CD-ROM
Included

NCLEX-RN[®] **REVIEW**

SIXTH
EDITION

REBECCA CALDWELL OGLESBY

**Current
Test
Plan**

616-083
032

NCLEX-RN® REVIEW

Sixth Edition



Rebecca Caldwell Oglesby, MSN, RN

Instructor of Nursing, BSN Program

**The Presbyterian School of Nursing at Queens University of Charlotte
Charlotte, North Carolina**

758064

Universitatea de Sst de
Medicină și Farmacie
«Nicolae Testemițanu»
Biblioteca Științifică Medicală

SL3

 **DELMAR**
CENGAGE Learning™

Australia • Canada • Mexico • Singapore • Spain • United Kingdom • United States

CONTENTS

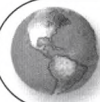


Message from the National Student Nurses' Association iv

Contributors xi

Preface xvii

List of Abbreviations xix



UNIT 1 PREPARING FOR THE NCLEX EXAMINATION • 1

Understanding the NCLEX Examination 2

- The Test plan 2
- How the Test Is Constructed 2
- How the Test Is Scored 3
- How Candidates Are Notified of Results 3

Preparation and Test Taking 3

- Using the Test Plan to Your Best Advantage 3
- Final Preparation for Test Taking 4
- Taking the Test 5
- How to Use this Book 6

References and Suggested Readings 6



UNIT 2 DRUGS AND NURSING IMPLICATIONS • 7

Factors Affecting Drug Action 8

- Definition of a Drug 8
- Factors Affecting Drug Action 8

Drug Administration 10

- Assessments Appropriate to All Medication Administration 10

Analysis 10

Planning and Implementation 10

Techniques of Drug Administration 10

Medication Calculations 18

Central Nervous System Drugs 23

- Local Anesthetics 23
- Nonnarcotic Analgesics and Antipyretics 25
- Narcotic Analgesics 27
- Narcotic Antagonists 28
- Sedatives and Hypnotics 29
- Anticonvulsants 31
- Muscle Relaxants 32
- Antipsychotic Agents 32

Autonomic Nervous System Drugs 37

- Adrenergic Drugs 37
- Adrenergic Blocking Agents 41
- Cholinergics 42
- Anticholinergics 43
- Antiparkinson Agents 44

Drugs Affecting the Endocrine System 46

- Antidiabetic Agents 46
- Pituitary Hormones 48
- Corticosteroids 49
- Thyroid Hormones 50
- Thyroid Antagonists 50
- Women's and Men's Health Agents 51
- Oxytocics 52

Eye Drugs 53

- Mydriatics and Cycloplegics 53
- Miotics 54

Cardiovascular Drugs 55

- Cardiac Glycosides 55
- Antianginal Drugs 57

Peripheral Vasodilators 59
Antidysrhythmics 59
Cardiac Stimulants 62
Anticoagulants 62
Thrombolytic Drugs 64
Antilipemic Agents 65
Antihypertensives 65

Renal Drugs 69

Diuretics 69
Potassium-Removing Resin 72

Respiratory Drugs 72

Antiasthmatic Drugs 72
Antihistamines 74
Mucolytics 74
Expectorants and Antitussives 75

Gastrointestinal Tract Drugs 76

Histamine (H₂) Antagonists 76
Gastrointestinal (GI) Anticholinergics 77
Antacids 77
Antidiarrheal Agents 78
Laxatives 79
Antiemetics 81
Emetics 81
Sucralfate (Carafate) 82

Arthritis Drugs 83

Arthritis Drugs 83
Antigout Drugs 84

Antimicrobials 85

General Information 85
Aminoglycosides 86
Penicillins 86
Cephalosporins 87
Macrolides 89
Tetracyclines 89
Chloramphenicol 90
Sulfonamides 91
Urinary Anti-Infectives 91
Vancomycin Hydrochloride (Vancocin) 92
Fluoroquinolones 93
Antitubercular Drugs 93

Antiviral Agents 95

Acyclovir (Zovirax) 95

Antifungal Agents 95

Antifungals 95

Anthelmintic Agents 96

Anthelmintics 96

Antineoplastic Agents 97

Antineoplastic Agents 97
Alkylating Agents 97
Antimetabolites 98
Antibiotic Antineoplastic Agents 99

Antineoplastics Affecting Hormonal Balance 100
Mitotic Inhibitors 102
Miscellaneous Antineoplastic Agents 102

Immunosuppressants 103

Azathioprine (Imuran) 103
Cyclosporine (Sandimmune) 104

Vitamins and Minerals 104

Vitamins 104
Minerals 105
Heavy Metal Antagonists 105

Herbs and Herbal Health Products 106

History 106
Source and Use 106
Natural Pharmacy 106
Complications 106
Professional Responsibilities 106

Vaccines and Toxoids 108

Vaccines and Toxoids 108
Immune Serums 109

References and Suggested Readings 110



UNIT 3 UNIVERSAL PRINCIPLES OF NURSING CARE MANAGEMENT • 111

Nursing Practice Standards 112

Nursing: Scope & Standards of Practice (2004) 112
Standards of Practice 112
Standards of Professional Performance 114

Legal and Ethical Aspects of Nursing 116

Overview 116
Guide to the Code of Ethics for Nurses: Interpretation
and Application (ANA, 2001) 116

Managing Client Care 118

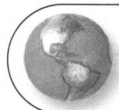
Priorities of Client Care 118
Assignment Methods for Delivery of Care 119

Safety 121

Fire Safety/Preparedness Practices 121
Equipment 122
Restraints 122
Principles and Interventions for Specific Aspects of
Care 122
Universal/Clinical Issues 128

Cultural Diversity in Health Practices 130

References and Suggested Readings 142



Multisystem Stressors 144

- Stress and Adaptation 144
- Inflammatory Response 144
- Immune Response 144
- Nutrition 146
- Infection 155
- Pain 155
- Fluids and Electrolytes 158
- Acid-Base Balance 161
- Intravenous Therapy 162
- Shock 164
- Multiple Trauma 166

Aging 173

- General Information 173
- Patterns of Health and Disease in the Older Adult 176
- Assessment 176
- Analysis 177
- Planning and Implementation 177
- Interventions 177
- Evaluation 178
- Conditions 178
- Elder Mistreatment 179
- Osteoporosis 180
- Cerebral Vascular Accident 180
- Benign Prostatic Hypertrophy 180
- Cataracts 180
- Glaucoma 180

Perioperative Nursing 182

- Overview 182
- Preoperative Period 183
- Intraoperative Period 184
- Postoperative Period 186

Oncologic Nursing 191

- Pathophysiology and Etiology of Cancer 191
- Diagnosis of Cancer 192
- Treatment of Cancer 192

The Neurosensory System 199

- Overview of Anatomy and Physiology 199
- Assessment 203
- Analysis 207
- Planning and Implementation 207
- Evaluation 210
- Disorders of the Nervous System 210
- Disorders of the Eye 224
- Disorders of the Ear 227

The Cardiovascular System 236

- Overview of Anatomy and Physiology 236
- Assessment 238
- Analysis 240
- Planning and Implementation 240

- Evaluation 241
- Disorders of the Cardiovascular System 242

The Hematologic System 264

- Overview of Anatomy and Physiology 264
- Assessment 268
- Analysis 269
- Planning and Implementation 269
- Evaluation 270
- Disorders of the Hematologic System 271

The Respiratory System 283

- Overview of Anatomy and Physiology 283
- Assessment 286
- Analysis 286
- Planning and Implementation 286
- Evaluation 291
- Disorders of the Respiratory System 292

The Gastrointestinal System 307

- Overview of Anatomy and Physiology 307
- Assessment 310
- Analysis 312
- Planning and Implementation 312
- Evaluation 314
- Disorders of the Gastrointestinal System 314
- Disorders of the Liver 326
- Disorders of the Gallbladder 331
- Disorders of the Pancreas 332

The Genitourinary System 341

- Overview of Anatomy and Physiology 341
- Assessment 343
- Analysis 345
- Planning and Implementation 345
- Evaluation 348
- Disorders of the Genitourinary System 348

The Musculoskeletal System 361

- Overview of Anatomy and Physiology 361
- Assessment 362
- Analysis 363
- Planning and Implementation 363
- Evaluation 366
- Disorders of the Musculoskeletal System 366

The Endocrine System 381

- Overview of Anatomy and Physiology 381
- Assessment 383
- Analysis 384
- Planning and Implementation 385
- Evaluation 385
- Disorders of the Endocrine System 386

The Integumentary System 406

- Overview of Anatomy and Physiology 406
- Assessment 407
- Analysis 407
- Planning and Implementation 408
- Evaluation 408
- Disorders of the Integumentary System 408

Complementary and Alternative Medicine (CAM) 413

Overview 413

References and Suggested Readings 418



UNIT 5 PEDIATRIC NURSING • 421

Growth and Development 422

General Principles 422
Assessment 422
Analysis 431
Planning and Implementation 431
Evaluation 432
Growth and Development Issues 432
Death and Dying 436

Multisystem Stressors 441

Genetic Disorders 441
Fluid and Electrolyte, Acid-Base Balances 444
Accidents, Poisonings, and Ingestion 446

The Neurosensory System 450

Variations from the Adult 450
Assessment 451
Analysis 452
Planning and Implementation 452
Evaluation 453
Disorders of the Nervous System 453

The Cardiovascular System 464

Variations from the Adult 464
Assessment 465
Analysis 466
Planning and Implementation 466
Evaluation 467
Disorders of the Cardiovascular System 467

The Hematologic System 475

Variations from the Adult 475
Assessment 475
Analysis 475
Planning and Implementation 476
Evaluation 476
Disorders of the Hematologic System 476

The Respiratory System 482

Variations from the Adult 482
Assessment 482
Analysis 483
Planning and Implementation 483
Evaluation 484
Disorders of the Respiratory System 484

The Gastrointestinal System 492

Variations from the Adult 492
Assessment 493
Analysis 493

Planning and Implementation 493
Evaluation 493
Disorders of the Gastrointestinal System 494

The Genitourinary System 501

Variations from the Adult 501
Assessment 501
Analysis 501
Planning and Implementation 501
Evaluation 502
Disorders of the Genitourinary System 502

The Musculoskeletal System 506

Variations from the Adult 506
Assessment 507
Analysis 507
Planning and Implementation 507
Evaluation 508
Disorders of the Musculoskeletal System 508

The Endocrine System 515

Variations from the Adult 515
Analysis 515
Planning and Implementation 515
Evaluation 515
Disorders of the Endocrine System 515

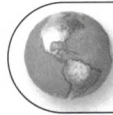
The Integumentary System 517

Variations from the Adult 517
Assessment 517
Analysis 517
Planning and Implementation 518
Evaluation 518
Disorders of the Integumentary System 518

Pediatric Oncology 521

Overview 521
Assessment 521
Analysis 522
Planning and Implementation 522
Stages of Cancer Treatment 523
Cancers 525

References and Suggested Readings 532



UNIT 6 MATERNITY AND FEMALE REPRODUCTIVE NURSING • 533

Overview of Anatomy and Physiology of the Female Reproductive System 534

Anatomy 534
Physiology 536

The Childbearing Cycle 538

Conception 538
Nidation (Implantation) 538
Developmental Stages 538

Special Structures of Pregnancy 539
Physical and Psychologic Changes of
Pregnancy 541

The Antepartal Period 545

Assessment 543
Analysis 544
Planning and Implementation 544
Evaluation 547
Complications of Pregnancy 547
Pre- and Coexisting Diseases of Pregnancy 551

Labor and Delivery 560

Overview 560
Assessment during Labor 564
First Stage of Labor 565
Second Stage of Labor 567
Third Stage of Labor 568
Fourth Stage of Labor 568
Complications of Labor and Delivery 569
Analgesia and Anesthesia 573
Operative Obstetrical Procedures 575

The Postpartum Period 581

Overview 581
Postpartal Psychosocial Changes 582
Assessment 583
Analysis 583
Planning and Implementation 583
Evaluation 585
Complications of the Postpartum Period 585

The Newborn 590

Physiologic Status of The Newborn 590
Assessment 592
Analysis 593
Planning and Implementation 593
Evaluation 594
Variations from Normal Newborn
Assessment Findings 594

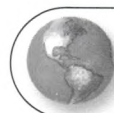
The High-Risk Infant 599

Overview 599
Assessment 599
Analysis 599
Planning and Implementation 599
Evaluation 599
High-Risk Disorders 599
Special Conditions in the Neonate 601

Conditions of the Female Reproductive System 607

Infertility and Fertility 607
Menstrual Disorders 610
Infectious Disorders 612

References and Suggested Readings 620



UNIT 7 PSYCHIATRIC-MENTAL HEALTH NURSING • 621

Overview of Psychiatric-Mental Health Nursing 623

Theoretical Basis 623
Nursing Process 626
Analysis 627
Planning and Implementation 627
Evaluation 630
Behaviors related to Emotional Distress 630

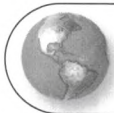
Psychiatric Disorders (DSM-IV-TR) 638

Disorders of Infancy, Childhood, and Adolescence 638
Pervasive Developmental Disorders 640
Delirium, Dementia, and other Cognitive Disorders 641
Substance Use Disorders 642
Psychoactive Substance-Induced Organic Mental
Disorders 642
Schizophrenia and other Psychotic Disorders 647
Mood Disorders 649
Neurotic Disorders 653
Anxiety Disorders 653
Somatoform Disorders 655
Dissociative Disorders 656
Personality Disorders 656

Psychologic Aspects of Physical Illness 674

Stress-Related Disorders 674
Victims of Abuse 674
Critical Illness 677
Chronic Illness 677
AIDS 678
Death and Dying 679
Grief and Mourning 679

References and Suggested Readings 683



APPENDIX • 685

Diabetic Diet and Exchange Lists 686

Renal Diet 690

Bariatric Diet 691

High-Fiber Diet 692

1500-Kilocalorie Diet 692

1000-Milligram Sodium-Restricted Diet 694

Bland Diet 695

Low-Residue Diet 695

20-Gram Fat-Restricted Diet 696

Fat-Controlled Diet 697



Practice Test	1	699
	2	723
	3	744
	4	765
	5	786
	6	806
	7	824
	8	845
	9	865
	10	882
	11	899

Index	916
--------------	------------