

THOMSON
DELMAR LEARNING
696-053.2
M92

Pediatric Nursing

Skills & Procedures



Barbara L. Mandleco

616-053.2
M 92

Pediatric Nursing Skills & Procedures

BARBARA L. MANDLECO, RN, PhD

Associate Professor and Undergraduate Coordinator
College of Nursing
Brigham Young University
Provo, Utah

758117

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

SL3

THOMSON
DELMAR LEARNING™

Australia Canada Mexico Singapore Spain United Kingdom United States

CONTENTS

<i>Preface</i>	ix	Procedure 9: Conducting a Physical Examination	38
<i>Contributors</i>	xi		
<i>Reviewers</i>	xiii		
Unit I		Growth Measurements	42
Principles and Concepts of Pediatric Care		Procedure 10: Measuring Weight	43
Nurse, Child, and Family Communication	3	Procedure 11: Measuring Height	44
Informed Consent	11	Procedure 12: Measuring Recumbent Length	45
Adherence	12	Procedure 13: Measuring Head Circumference	46
Protective Precautions	13	Vital Signs	47
		Procedure 14: Measuring a Temperature	48
Unit II		Procedure 15: Measuring a Pulse	52
General Procedures		Procedure 16: Counting Respirations	54
Preparing Children for Procedures	17	Procedure 17: Measuring a Blood Pressure	56
Procedure 1: Transporting a Child	20	Standard Assessments	58
		Procedure 18: Nutritional Assessment	59
Restraints	21	Procedure 19: Developmental Assessment	60
Procedure 2: Applying a Papoose Board	22	Procedure 20: Vision Screening	63
Procedure 3: Applying a Mummy Restraint	23	Special Assessments	64
Procedure 4: Applying a Modified Mummy Restraint	25	Procedure 21: Applying an Apnea Monitor	65
Procedure 5: Applying an Elbow Restraint	26	Procedure 22: Applying a Cardiac Monitor	66
Procedure 6: Applying a Wrist and Ankle Restraint	27	Procedure 23: Applying a Pulse Oximeter	67
Procedure 7: Applying a Jacket Restraint	29	Unit IV	
		Specimen Collection	
Unit III		Specimen Collection	71
Health Assessment		Blood Drawing	72
Health Assessment	33	Procedure 24: Performing Capillary Blood Draw (Heel and Finger Stick)	73
Procedure 8: Obtaining a Health History	34	Procedure 25: Performing Venipuncture	75

Procedure 26: Drawing Blood from a Central Venous Catheter	77	Procedure 43: Administering a Rectal Medication	115
Procedure 27: Measuring Arterial Blood Gases	78	Procedure 44: Administering an Ophthalmic Medication	116
Nose, Throat, and Sputum Specimens	80	Procedure 45: Administering an Otic Medication	118
Procedure 28: Obtaining a Nasopharyngeal Swab	81	Procedure 46: Administering a Nasal Medication	119
Procedure 29: Obtaining a Throat Culture	82	Procedure 47: Administering a Topical Medication	120
Procedure 30: Collecting Sputum	83	Procedure 48: Administering a Nebulized Medication	121
Stool Specimens	84	Unit VII	
Procedure 31: Collecting Stool Specimens	84	Intravenous Access	
Procedure 32: Obtaining a Stool Specimen for the Fecal Occult Blood Test (FOBT)	85	Intravenous Access	125
Urine Specimens	86	Procedure 49: Inserting a Peripheral IV Line	127
Procedure 33: Collecting a Urine Specimen with Infant or Young Child	87	Procedure 50: Applying an Intermittent Infusion Device	129
Procedure 34: Collecting a Midstream, Clean-Catch Urine Specimen with Older Child	89	Procedure 51: Changing the IV Bag and Tubing	130
Wound Culture	90	Procedure 52: Monitoring Intravenous Infusions and Flow Rates	131
Procedure 35: Obtaining a Wound Culture	91	Central Venous Catheter	132
Unit V		Procedure 53: Changing Dressing on a Central Venous Line	133
Diagnostic Tests		Unit VIII	
Diagnostic Tests	95	Respiratory System	
Procedure 36: Assisting during Lumbar Puncture	96	Respiratory Suctioning	137
Procedure 37: Assisting during Bone Marrow Aspiration and Biopsy	98	Procedure 54: Performing Bulb Suctioning	138
Unit VI		Procedure 55: Performing Nasotracheal Suctioning	140
Medication Administration		Administering Oxygen	142
Medication Administration	103	Procedure 56: Administering Oxygen via Nasal Cannula, Mask, Hood, Tent, Blow-by Cannula	143
Procedure 38: Administering a Medication	104	Artificial Airways	145
Procedure 39: Administering an Oral Medication	105	Procedure 57: Assisting in Placement of Oropharyngeal or Nasopharyngeal Airway	146
Procedure 40: Administering an Intravenous (IV) Medication	107	Procedure 58: Suctioning Oropharyngeal or Nasopharyngeal Airway	147
Procedure 41: Administering an Intramuscular (IM) Medication	110	Endotracheal Tubes	149
Procedure 42: Administering a Subcutaneous (SC) Medication	113	Procedure 59: Monitoring Endotracheal Tube (ETT)	150

Procedure 60: Endotracheal Suctioning	152	Procedure 79: Emptying an Ostomy Pouch	188
Tracheostomies	154	Enemas	189
Procedure 61: Monitoring a Tracheostomy	155	Procedure 80: Administering an Enema	190
Procedure 62: Changing a Tracheostomy Tube	157		
Procedure 63: Cleaning a Tracheostomy Tube or Inner Cannula	159	Unit X	
Procedure 64: Suctioning a Tracheostomy	161	Genitourinary System	
Peak Expiratory Flow Rates (PEFRs)	163	Urinary Catheterization	193
Procedure 65: Measuring PEFR	164	Procedure 81: Performing Urinary Catheterization	194
Chest Physiotherapy and Postural Drainage	165	Procedure 82: Performing Routine Catheter Care	196
Procedure 66: Positioning for CPT	166		
Closed Chest Drainage and Chest Tubes	168	Unit XI	
Procedure 67: Assisting with Chest Tube Insertion	169	Neurological System	
Procedure 68: Preparing the Chest Tube Drainage System	170	Neurological Status	198
Procedure 69: Caring for a Child with a Chest Tube	171	Increased Intracranial Pressure	201
Procedure 70: Assisting with Removal of a Chest Tube	173	Seizures	202
		Intraventricular Shunts	205
Unit IX		Extraventricular Drain (EVD)	206
Gastrointestinal System and Nutritional Procedures		Procedure 83: Maintaining EVD System at Correct Level and Functioning	207
Gastrointestinal System	177	Procedure 84: Assessing a Client with an EVD	208
Procedure 71: Inserting a Nasogastric Tube	178	Procedure 85: Monitoring Cerebrospinal Fluid (CSF) in the Client with an EVD	209
Procedure 72: Managing Gastrointestinal Suction	180	Procedure 86: Changing the EVD Drainage Bag	210
Procedure 73: Irrigating a Nasogastric Tube	181	Procedure 87: General Nursing Care and Safety with EVDs	211
Procedure 74: Performing Nasogastric Tube Lavage	182		
Procedure 75: Removing the Nasogastric or Orogastric Tube	183	Unit XII	
Procedure 76: Administering a Bolus Feeding (NG, NJ, Gastrostomy)	184	Musculoskeletal System	
Procedure 77: Administering NG, NJ, Gastrostomy, and Continuous Feeding	185	Casts	215
Ostomies	186	Procedure 88: Petaling a Cast	216
Procedure 78: Changing a Fecal Ostomy Appliance	187	Braces	217
		Skeletal Traction	218
		Procedure 89: Performing Pin Site Care	219
		Procedure 90: Caring for the Child in an External Fixation Device	220
		Procedure 91: Performing Pin Care, External Fixation Device	221

Unit XIII			
Integumentary System			
Rashes	225		
Wound Care	226		
Procedure 92: Applying a Dry Dressing	227		
Procedure 93: Applying a Wet-to-Dry Dressing	228		
Wounds with Drains	230		
Procedure 94: Cleaning and Dressing a Wound with Penrose Drain	231		
Procedure 95: Monitoring Jackson-Pratt and Hemovac Drains	233		
Unit XIV			
Care of the Pediatric Surgical Client			
Procedure 96: Assessing Pain	237		
Procedure 97: Monitoring Patient-Controlled Analgesia	240		
Procedure 98: Performing Preoperative Care	241		
Procedure 99: Performing Postoperative Care	242		
Unit XV			
Emergency Care			
Fever and Hyperthermia Management	247		
Procedure 100: Administering a Sponge Bath	248		
Respiratory and Cardiac Emergencies	249		
		Procedure 101: Treating an Inhalation Injury	250
		Procedure 102: Performing Emergency Airway Management	251
		Procedure 103: Treating an Airway Obstruction	253
		Procedure 104: Performing Cardiopulmonary Resuscitation	255
		Unit XVI	
		Community and Camp Nursing Procedures	
		Procedure 105: Removing a Tick	266
		Procedure 106: Treating Contact Dermatitis Caused by Poison Ivy or Poison Oak	267
		Procedure 107: Removing a Splinter	268
		Unit XVII	
		Hygiene Skills	
		Hair Care	271
		Procedure 108: Assisting with Oral Hygiene	272
		Procedure 109: Bathing a Child	273
		Unit XVIII	
		Special Skills	
		Procedure 110: Performing Umbilical Cord Care of the Newborn	278
		Procedure 111: Performing Circumcision Care	279
		<i>Bibliography</i>	281
		<i>Index</i>	285