

Table 1. Nine NANDA-I, NIC, and NOC Linkages in Physiological Dimension

Domain 1. Health Promotion		
NANDA-I diagnosis: Ineffective Protection (00043)		
Definition: Decrease in the ability to guard self from internal or external threats such as illness or injury.		
Outcomes to measure resolution of the nursing diagnosis		
Health Seeking Behavior (1603)	Risk Control: Infectious Process (1924)	Risk Detection (1908)
Outcomes to measure defining characteristics		
Appetite (1014)	Immunization Behavior (1900)	Sleep (0004)
Cognition (0900)	Mobility (0208)	Stress Level (1212)
Discomfort Level (2109)	Neurological Status (0909)	Tissue Integrity: Skin & Mucous Membranes (1101)
Energy Conservation (0002)	Respiratory Status: Airway Patency (0410)	Vital Signs (0802)
Fatigue Level (0007)		
Immune Status (0702)	Respiratory Status: Gas Exchange (0402)	
Outcomes associated with related factors		
Alcohol Abuse Cessation Behavior (1629)	Nutritional Status (1004) Nutritional Status: Nutrient Intake (1009)	Smoking Cessation Behavior (1625)
Drug Abuse Cessation Behavior (1630)		
Outcomes linked to at-risk populations and associated conditions		
Chemotherapy: Disruptive Physical Effects (2116)	Knowledge: Medication (1808) Knowledge: Treatment Regimen (1813)	Physical Aging (0113)
Suggested nursing interventions for problem resolution		
Energy Management (0180)	Infection Control (6540)	Risk Identification (6610)
Environmental Management: Safety (6486)	Infection Protection (6550)	Skin Surveillance (3590)
Health Coaching (5305)	Pressure Ulcer Prevention (3540)	Teaching: Disease Process (5602)
Immunization/Vaccination Management (6530)	Respiratory Monitoring (3350)	Vital Signs Monitoring (6680)
Domain 3. Elimination and Exchange		
NANDA-I diagnosis: Impaired Gas Exchange (00030)		
Definition: Excess or deficit in oxygenation and/or carbon dioxide elimination at the alveolar-capillary membrane.		
Outcome to measure resolution of the nursing diagnosis		
Respiratory Status: Gas Exchange (0402)		
Outcomes to measure defining characteristics		
Acute Respiratory Acidosis Severity (0604)	Neurological Status: Consciousness (0912)	Sensory Function: Vision (2404)
Agitation Level (1214)	Pain Level (2102)	Symptom Severity (2103)
Cognitive Orientation (0901)	Respiratory Status (0415)	Tissue Perfusion (0422)
Electrolyte & Acid/Base Balance (0600)	Respiratory Status: Ventilation (0403)	Tissue Perfusion: Pulmonary (0408)
Hydration (0602)	Rest (0003)	Vital Signs (0802)
Outcome linked to associated conditions		
Mechanical Ventilation Response: Adult (0411)		
Suggested nursing interventions for problem resolution		
Acid-Base Management: Respiratory Acidosis (1913)	Electrolyte Management (2000)	Oxygen Therapy (3320)
Acid-Base Management: Respiratory Alkalosis: (1914)	Mechanical Ventilation Management: Noninvasive (3302)	Respiratory Monitoring (3350)
Acid-Base Monitoring (1920)	Mechanical Ventilation Management: Pneumonia Prevention (3304)	Ventilation Assistance (3390)
Calming Technique (5880)		Vital Signs Monitoring (6680)
Domain 4. Activity/Rest		
NANDA-I diagnosis: Activity Intolerance (00092)		
Definition: Insufficient physiological or psychological energy to endure or complete required or desired daily activities.		

Outcomes to measure resolution of the nursing diagnosis		
Activity Tolerance (0005)	Endurance (0001)	Psychomotor Energy (0006)
Outcomes to measure defining characteristics		
Circulation Status (0401)	Energy Conservation (0002)	Respiratory Status (0415)
Cardiopulmonary Status (0414)	Fatigue Level (0007)	Symptom Severity (2103)
Discomfort Level (2109)	Fatigue: Disruptive Effects (0008)	Vital Signs (0802)
Outcomes associated with related factors		
Ambulation (0200)	Respiratory Status: Airway Patency (0410)	Self-Care Status (0313)
Mobility (0208)	Respiratory Status: Gas Exchange (0402)	
Outcomes linked to at-risk populations and associated conditions		
Infection Severity (0703)	Self-Management: Chronic Obstructive Pulmonary Disease (3103)	Self-Management: Dysrhythmia (3105)
Self-Management: Asthma (0704)	Self-Management: Coronary Artery Disease (3104)	Self-Management: Heart Failure (3106)
Self-Management: Cardiac Disease (1617)		Self-Management: Pneumonia (3122)
Suggested nursing interventions for problem resolution		
Activity Therapy (4310)	Fall Prevention (6490)	Self-Care Assistance (1800)
Energy Management (0180)	Functional Ability Enhancement (1665)	Vital Signs Monitoring (6680)
Environmental Management: Safety (6486)	Respiratory Monitoring (3350)	
Domain 4. Activity/Rest		
NANDA-I diagnosis: Dysfunctional Ventilatory Weaning Response (00034)		
Definition: Inability to adjust to lowered levels of mechanical ventilator support that interrupts and prolongs the weaning process.		
Outcome to measure resolution of diagnosis		
Mechanical Ventilation Weaning Response: Adult (0412)		
Outcomes to measure defining characteristics		
Agitation Level (1214)	Metabolic Function (0804)	Respiratory Status: Gas Exchange (0402)
Comfort Status (2008)	Neurological Status: Consciousness (0912)	Rest (0003)
Discomfort Level (2109)	Respiratory Status (0415)	Symptom Severity (2103)
Electrolyte & Acid/Base Balance (0600)	Respiratory Status: Airway Patency (0410)	Tissue Perfusion (0422)
Fatigue Level (0007)		Vital Signs (0802)
Infection Severity (0703)		
Outcomes associated with related factors		
Anxiety Level (1211)	Health Beliefs (1700)	Pain Level (2102)
Client Satisfaction: Technical Aspects of Care (3013)	Hope (1201)	Self-Esteem (1205)
Energy Conservation (0002)	Hydration (0602)	Sleep (0004)
Fear Level (1210)	Knowledge: Diagnostic & Therapeutic Procedures (1867)	Social Support (1504)
Fear Level: Child (1213)	Nutritional Status (1004)	
Outcomes linked to associated conditions		
No outcomes to address the conditions.		
Suggested nursing interventions for problem resolution		
Acid-Base Management (1910)	Calming Technique (5880)	Respiratory Monitoring (3350)
Airway Suctioning (3160)	Emotional Support (5270)	Teaching: Procedure/Treatment (5618)
Anxiety Reduction (5820)	Endotracheal Extubation (3270)	Vital Signs Monitoring (6680)
Artificial Airway Management (3180)	Fluid Monitoring (4130)	Ventilation Assistance (3390)
Aspiration Precautions (3200)	Mechanical Ventilatory Weaning (3310)	
Domain 4. Activity/Rest		
NANDA-I diagnosis: Impaired Spontaneous Ventilation (00033)		
Definition: Inability to initiate and/or maintain independent breathing that is adequate to support life.		
Outcome to measure resolution of the nursing diagnosis		

Mechanical Ventilation Response: Adult (0411)		
Outcomes to measure defining characteristics		
Acute Respiratory Acidosis Severity (0604)	Metabolic Acidosis Severity (0619) Metabolic Alkalosis Severity (0620)	Risk Control: Pressure Injury (1942) Respiratory Status (0415)
Agitation Level (1214)	Neurological Status: Consciousness (0912)	Risk Control: Thrombus (1932) Symptom Severity (2103)
Comfort Status (2008)	Risk Control: Infectious Process (1924)	Vital Signs (0802)
Electrolyte & Acid/Base Balance (0600)	Rest (0003)	
Mechanical Ventilation Weaning Response: Adult (0412)		
Outcomes associated with related factors		
Fatigue Level (0007)	Energy Conservation (0002)	
Outcomes linked to associated conditions		
Infection Severity (0703)	Metabolic Function (0804)	
Suggested nursing interventions for problem resolution		
Acid-Base Management (1910)	Airway Management (3140)Artificial	Mechanical Ventilatory Weaning (3310)
Acid-Base Management: Respiratory Acidosis (1913)	Airway Management (3180)	Mechanical Ventilation Management: Pneumonia Prevention (3304)
Acid-Base Management: Respiratory Alkalosis: (1914)	Calming Technique (5880)	Oxygen Therapy (3320)
Acid-Base Monitoring (1920)	Electrolyte Management (2000)	Respiratory Monitoring (3350)
Airway Insertion and Stabilization (3120)	Mechanical Ventilation Management: Invasive (3300)	Ventilation Assistance (3390)
	Mechanical Ventilation Management: Noninvasive (3302)	Vital Signs Monitoring (6680)
Domain 4. Activity/Rest		
NANDA-I diagnosis: Ineffective Breathing Pattern (00032)		
Definition: Inspiration and/or expiration that does not provide adequate ventilation		
Outcomes to measure resolution of diagnosis:		
Respiratory Status (0415)	Respiratory Status: Ventilation (0403)	
Outcomes to measure defining characteristics		
Hypotension Severity (2114)	Respiratory Status: Gas Exchange (0402)	
Respiratory Status: Airway Patency (0410)	Vital Signs (0802)	
Outcomes associated with related factors		
Anxiety Level (1211)	Pain Level (2102)	
Fatigue Level (0007)	Weight: Body Mass (1006)	
Outcomes linked to associated conditions		
Neurological Status (0909)	Neurological Status: Cranial	Skeletal Function (0211)
Neurological Status: Central Motor Control (0911)	Sensory/Motor Function (0913)	
Suggested nursing interventions for problem resolution		
Acid-Base Monitoring (1920)	Cough Enhancement (3250)	Respiratory Monitoring (3350)
Airway Management (3140)	Energy Management (0180)	Ventilation Assistance (3390)
Anxiety Reduction (5820)	Oxygen Therapy (3320)	Vital Signs Monitoring (6680)
Calming Technique (5880)	Positioning (0840)	
Chest Physiotherapy (3230)	Relaxation Therapy (6040)	
Domain 11. Safety/Protection		
NANDA-I diagnosis: Ineffective Airway Clearance (00031)		
Definition: Inability to clear secretions or obstructions from the respiratory tract to maintain a clear airway		
Outcome to measure resolution of the nursing diagnosis		
Respiratory Status: Airway Patency (0410)		
Outcomes to measure defining characteristics		

Anxiety Level (1211)	Respiratory Status: Ventilation (0403)	Tissue Perfusion: Pulmonary (0408)
Respiratory Status (0415)	Symptom Severity (2103)	Vital Signs (0802)
Respiratory Status: Gas Exchange (0402)	Tissue Perfusion: Peripheral (0407)	
Outcome associated with related factors		
Smoking Cessation Behavior (1625)		
Outcomes linked to associated conditions		
Infection Severity (0703)	Risk Control: Obesity (1941)	Self-Management: Chronic Obstructive Pulmonary Disease (3103)
Neurological Status: Central Motor Control (0911)	Self-Management: Asthma (0704)	Self-Management: Infection (3118)
Neurological Status: Cranial Sensory/Motor Function (0913)	Self-Management: Chronic Disease (3102)	Self-Management: Pneumonia (3122)
Suggested nursing interventions for problem resolution		
Acid-Base Monitoring (1920)	Calming Technique (5880)	Fluid Monitoring (4130)
Airway Management (3140)	Chest Physiotherapy (3230)	Oxygen Therapy (3320)
Airway Suctioning (3160)	Circulatory Precautions (4070)	Positioning (0840)
Artificial Airway Management (3180)	Cough Enhancement (3250)	Respiratory Monitoring (3350)
Anxiety Reduction (5820)	Environmental Management: Comfort (6482)	Smoking Cessation Assistance (4490)
Aspiration Precautions (3200)	Energy Management (0180)	Ventilation Assistance (3390)
Asthma Management (3210)		Vital Signs Monitoring (6680)
Domain 11. Safety/Protection		
NANDA-I diagnosis: Risk for Infection (00004)		
Definition: Susceptible to invasion and multiplication of pathogenic organisms, which may compromise health.		
Outcomes to assess and measure actual occurrence of the nursing diagnosis		
Infection Severity (0703)	Infection Severity: Newborn (0708)	
Outcomes associated with risk factors		
Health Beliefs: Perceived Threat (1704)	Knowledge: Health Behavior (1805)	Smoking Cessation Behavior (1625)
Health Promoting Behavior (1602)	Nutritional Status (1004)	Tissue Integrity: Skin & Mucous Membranes (1101)
Immune Status (0702)	Nutritional Status: Nutrient Intake (1009)	Weight: Body Mass (1006)
Knowledge: Disease Process (1803)	Risk Control: Infectious Process (1924)	
Outcomes linked to at-risk populations and associated conditions		
Chemotherapy: Disruptive Physical Effects (2116)	Self-Management: Chronic Obstructive Pulmonary Disease (3103)	Self-Management: Hypertension (3107)
Self-Management: Asthma (0704)	Self-Management: Coronary Artery Disease (3104)	Self-Management: Inflammatory Bowel Disease (3119)
Self-Management: Cancer (3114)	Self-Management: Diabetes (1619)	Self-Management: Kidney Disease (3108)
Self-Management: Cardiac Disease (1617)	Self-Management: Heart Failure (3106)	Self-Management: Multiple Sclerosis (1631)
Self-Management: Chronic Disease (3102)	Self-Management: Human Immunodeficiency Virus (3117)	
Suggested nursing interventions for problem resolution		
Health Screening (6520)	Smoking Cessation Assistance (4490)	Weight Management (1260)
Infection Protection (6550)	Social Marketing (8750)	
Risk Identification (6610)	Teaching: Disease Process (5602)	
Domain 12. Comfort		
NANDA-I diagnosis: Impaired Comfort (00214)		
Definition: Perceived lack of ease, relief, and transcendence in physical, psychospiritual, environmental, cultural, and/or social dimensions.		
Outcomes to measure resolution of the nursing diagnosis		
Comfort Status (2008)	Comfort Status: Psychospiritual (2011)	
Comfort Status: Physical (2010)	Comfort Status: Sociocultural (2012)	
Outcomes to measure defining characteristics		
Agitation Level (1214)	Fatigue Level (0007)	Sleep (0004)
Anxiety Level (1211)	Fear Level (1210)	Symptom Severity (2103)
Depression Level (1208)	Fear Level: Child (1213)	

Discomfort Level (2109)	Rest (0003)	
Outcomes associated with related factors		
Comfort Status: Environment (2009)	Psychosocial Adjustment: Life Change (1305)	Social Anxiety Level (1216)
Health Beliefs: Perceived Control (1702)		
Outcomes linked to associated conditions		
Infection Severity (0703)	Respiratory Status (0415)	Vital Signs (0802)
Medication Response (2301)	Suffering Severity (2003)	
Pain Level (2102)	Symptom Control (1608)	
Suggested nursing interventions for problem resolution		
Anxiety Reduction (5820)	Environmental Management: Comfort (6482)	Progressive Muscle Relaxation (1460)
Calming Technique (5880)		Relaxation Therapy (6040)
Coping Enhancement (5230)	Medication Management (2380)	Respiratory Monitoring (3350)
Emotional Support (5270)	Meditation Facilitation (5960)	Vital Signs Monitoring (6680)
	Pain Management: Acute (1410)	

From “NANDA-I, NOC, and NIC linkages to SARS-CoV-2 (COVID-19): Part 2. Individual response” by Swanson, E, Monteiro Mantovani, V., Wagner, C., Moorhead, S., Dunn Lopez, K., Makaira, T. G. R., Abe, N., 2021, *International Journal of Nursing Knowledge*, 32(1), pp. 71-75. (<https://onlinelibrary.wiley.com/doi/10.1111/2047-3095.12307>).

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