

## Domain 5. Perception/cognition

The human processing system including attention, orientation, sensation, perception, cognition, and communication

<b>Class 1. Attention</b> <b>Mental readiness to notice or observe</b>		
<b>Code</b>	<b>Diagnosis</b>	<b>Page</b>
00123	Unilateral neglect	325
<b>Class 2. Orientation</b> <b>Awareness of time, place, and person</b>		
<b>Code</b>	<b>Diagnosis</b>	<b>Page</b>
This class does not currently contain any diagnoses		
<b>Class 3. Sensation/perception</b> <b>Receiving information through the senses of touch, taste, smell, vision, hearing, and kinesthesia, and the comprehension of sensory data resulting in naming, associating, and/or pattern recognition</b>		
<b>Code</b>	<b>Diagnosis</b>	<b>Page</b>
This class does not currently contain any diagnoses		
<b>Class 4. Cognition</b> <b>Use of memory, learning, thinking, problem-solving, abstraction, judgment, insight, intellectual capacity, calculation, and language</b>		
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**Class 5. Communication****Sending and receiving verbal and nonverbal information**

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Companion website: [www.thieme.com/nanda-i](http://www.thieme.com/nanda-i).

Domain 5 • Class 1 • Diagnosis Code 00123

## Unilateral neglect

Focus of the diagnosis: unilateral neglect

Approved 1986 • Revised 2006, 2017 • Level of Evidence 2.1

### Definition

Impairment in sensory and motor response, mental representation, and spatial attention of the body, and the corresponding environment, characterized by inattention to one side and overattention to the opposite side. Left-side neglect is more severe and persistent than right-side neglect.

### Defining characteristics

- Altered safety behavior on neglected side
- Disturbed sound lateralization
- Failure to dress neglected side
- Failure to eat food from portion of plate on neglected side
- Failure to groom neglected side
- Failure to move eyes in the neglected hemisphere
- Failure to move head in the neglected hemisphere
- Failure to move limbs in the neglected hemisphere
- Failure to move trunk in the neglected hemisphere
- Failure to notice people approaching from the neglected side
- Hemianopsia
- Impaired performance on line bisection tests
- Impaired performance on line cancellation tests
- Impaired performance on target cancellation tests
- Left hemiplegia from cerebrovascular accident
- Marked deviation of the eyes to stimuli on the non-neglected side
- Marked deviation of the trunk to stimuli on the non-neglected side
- Omission of drawing on the neglected side
- Perseveration
- Representational neglect
- Substitution of letters to form alternative words when reading
- Transfer of pain sensation to the non-neglected side
- Unaware of positioning of neglected limb
- Unilateral visuospatial neglect
- Uses vertical half of page only when writing

### Related factors

- To be developed

### Associated conditions

- Brain injuries

This diagnosis will retire from the NANDA-I Taxonomy in the 2024–2026 edition if no related factors are developed.  
Original literature support available at [www.thieme.com/nanda-i](http://www.thieme.com/nanda-i).

Domain 5 • Class 4 • Diagnosis Code 00128

## Acute confusion

Focus of the diagnosis: confusion

Approved 1994 • Revised 2006, 2017 • Level of Evidence 2.1

### Definition

Reversible disturbances of consciousness, attention, cognition and perception that develop over a short period of time, and which last less than 3 months.

### Defining characteristics

- Altered psychomotor performance
- Cognitive dysfunction
- Difficulty initiating goal-directed behavior
- Difficulty initiating purposeful behavior
- Hallucinations
- Inadequate follow-through with goal-directed behavior
- Inadequate follow-through with purposeful behavior
- Misperception
- Neurobehavioral manifestations
- Psychomotor agitation

### Related factors

- Altered sleep-wake cycle
- Dehydration
- Impaired physical mobility
- Inappropriate use of physical restraint
- Malnutrition
- Pain
- Sensory deprivation
- Substance misuse
- Urinary retention

### At risk population

- Individuals aged ≥ 60 years
- Individuals with history of cerebral vascular accident
- Men

### Associated conditions

- Decreased level of consciousness
- Impaired metabolism
- Infections
- Neurocognitive disorders
- Pharmaceutical preparations

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Domain 5 • Class 4 • Diagnosis Code 00173

## Risk for acute confusion

Focus of the diagnosis: confusion

Approved 2006 • Revised 2013, 2017 • Level of Evidence 2.2

### Definition

Susceptible to reversible disturbances of consciousness, attention, cognition and perception that develop over a short period of time, which may compromise health.

### Risk factors

- Altered sleep-wake cycle
- Dehydration
- Impaired physical mobility
- Inappropriate use of physical restraint
- Malnutrition
- Pain
- Sensory deprivation
- Substance misuse
- Urinary retention

### At risk population

- Individuals aged ≥ 60 years
- Individuals with history of cerebral vascular accident
- Men

### Associated conditions

- Decreased level of consciousness
- Impaired metabolism
- Infections
- Neurocognitive disorders
- Pharmaceutical preparations

Domain 5 • Class 4 • Diagnosis Code 00129

## Chronic confusion

Focus of the diagnosis: confusion

Approved 1994 • Revised 2017, 2020 • Level of Evidence 3.1

### Definition

Irreversible, progressive, insidious disturbances of consciousness, attention, cognition, and perception, which last more than 3 months.

### Defining characteristics

- Altered personality
- Difficulty retrieving information when speaking
- Difficulty with decision-making
- Impaired executive functioning skills
- Impaired psychosocial functioning
- Inability to perform at least one daily activity
- Incoherent speech
- Long-term memory loss
- Marked change in behavior
- Short-term memory loss

### Related factors

- Chronic sorrow
- Sedentary lifestyle
- Substance misuse

### At risk population

- Individuals aged ≥ 60 years

### Associated conditions

- Central nervous system diseases
- Human immunodeficiency virus infections
- Mental disorders
- Neurocognitive disorders
- Stroke

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Domain 5 • Class 4 • Diagnosis Code 00251

## Labile emotional control

Focus of the diagnosis: emotional control

Approved 2013 • Revised 2017 • Level of Evidence 2.1

### Definition

Uncontrollable outbursts of exaggerated and involuntary emotional expression.

### Defining characteristics

- Absence of eye contact
- Crying
- Excessive crying without feeling sadness
- Excessive laughing without feeling happiness
- Expresses embarrassment regarding emotional expression
- Expression of emotion incongruent with triggering factor
- Impaired nonverbal communication
- Involuntary crying
- Involuntary laughing
- Social alienation
- Uncontrollable crying
- Uncontrollable laughing
- Withdrawal from occupational situation

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### Related factors

- Altered self-esteem
- Excessive emotional disturbance
- Fatigue
- Inadequate knowledge about symptom control
- Inadequate knowledge of disease
- Insufficient muscle strength
- Social distress
- Stressors
- Substance misuse

### Associated conditions

- Brain injuries
- Functional impairment
- Mental disorders
- Mood disorders
- Musculoskeletal impairment
- Pharmaceutical preparations
- Physical disability

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Domain 5 • Class 4 • Diagnosis Code 00222

## Ineffective impulse control

Focus of the diagnosis: impulse control

Approved 2010 • Revised 2017 • Level of Evidence 2.1

### Definition

A pattern of performing rapid, unplanned reactions to internal or external stimuli without regard for the negative consequences of these reactions to the impulsive individual or to others.

### Defining characteristics

- Acting without thinking
- Asking personal questions despite discomfort of others
- Dangerous behavior
- Gambling addiction
- Impaired ability to regulate finances
- Inappropriate sharing of personal details
- Irritable mood
- Overly familiar with strangers
- Sensation seeking
- Sexual promiscuity
- Temper outbursts

### Related factors

- Cognitive dysfunction
- Hopelessness
- Mood disorders
- Neurobehavioral manifestations
- Smoking
- Substance misuse

### Associated conditions

- Altered development
- Developmental disabilities
- Neurocognitive disorders
- Personality disorders

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Domain 5 • Class 4 • Diagnosis Code 00126

## Deficient knowledge

Focus of the diagnosis: knowledge

Approved 1980 • Revised 2017, 2020 • Level of Evidence 2.3

### Definition

Absence of cognitive information related to a specific topic, or its acquisition.

### Defining characteristics

- Inaccurate follow-through of instruction
- Inaccurate performance on a test
- Inaccurate statements about a topic
- Inappropriate behavior

### Related factors

- Anxiety
- Cognitive dysfunction
- Depressive symptoms
- Inadequate access to resources
- Inadequate awareness of resources
- Inadequate commitment to learning
- Inadequate information
- Inadequate interest in learning
- Inadequate knowledge of resources
- Inadequate participation in care planning
- Inadequate trust in health care professional
- Low self efficacy
- Misinformation
- Neurobehavioral manifestations

### At risk population

- Economically disadvantaged individuals
- Illiterate individuals
- Individuals with low educational level

### Associated conditions

- Depression
- Developmental disabilities
- Neurocognitive disorders

Domain 5 • Class 4 • Diagnosis Code 00161

### Readiness for enhanced knowledge

Focus of the diagnosis: knowledge

Approved 2002 • Level of Evidence 2.1

#### **Definition**

A pattern of cognitive information related to a specific topic, or its acquisition, which can be strengthened.

#### **Defining characteristics**

- Expresses desire to enhance learning

Domain 5 • Class 4 • Diagnosis Code 00131

## Impaired memory

Focus of the diagnosis: memory

Approved 1994 • Revised 2017, 2020 • Level of Evidence 3.1

### Definition

Persistent inability to remember or recall bits of information or skills, while maintaining the capacity to independently perform activities of daily living.

### Defining characteristics

- Consistently forgets to perform a behavior at the scheduled time
- Difficulty acquiring a new skill
- Difficulty acquiring new information
- Difficulty recalling events
- Difficulty recalling factual information
- Difficulty recalling familiar names
- Difficulty recalling familiar objects
- Difficulty recalling familiar words
- Difficulty recalling if a behavior was performed
- Difficulty retaining a new skill
- Difficulty retaining new information

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### Related factors

- Depressive symptoms
- Inadequate intellectual stimulation
- Inadequate motivation
- Inadequate social support
- Social isolation
- Water-electrolyte imbalance

### At risk population

- Economically disadvantaged individuals
- Individuals aged ≥ 60 years
- Individuals with low educational level

### Associated conditions

- Anemia
- Brain hypoxia
- Cognition disorders

Original literature support available at [www.thieme.com/nanda-i](http://www.thieme.com/nanda-i).

Domain 5 • Class 4 • Diagnosis Code 00279

## Disturbed thought process

Focus of the diagnosis: thought process

Approved 2020 • Level of Evidence 2.3

### Definition

Disruption in cognitive functioning that affects the mental processes involved in developing concepts and categories, reasoning, and problem solving .

### Defining characteristics

- Difficulty communicating verbally
- Difficulty performing instrumental activities of daily living
- Disorganized thought sequence
- Expresses unreal thoughts
- Impaired interpretation of events
- Impaired judgment
- Inadequate emotional response to situations
- Limited ability to find solutions to everyday situations
- Limited ability to make decisions
- Limited ability to perform expected social roles
- Limited ability to plan activities
- Limited impulse control ability
- Obsessions
- Phobic disorders
- Suspicions

### Related factors

- Acute confusion
- Anxiety
- Disorientation
- Fear
- Grieving
- Non-psychotic depressive symptoms
- Pain
- Stressors
- Substance misuse
- Unaddressed trauma

### At risk population

- Economically disadvantaged individuals
- Individuals in the early postoperative period
- Older adults
- Pregnant women

### Associated conditions

- Brain injuries
- Critical illness
- Hallucinations
- Mental disorders
- Neurodegenerative disorders
- Pharmaceutical preparations

Original literature support available at [www.thieme.com/nanda-i](http://www.thieme.com/nanda-i).

Domain 5 • Class 5 • Diagnosis Code 00157

## Readiness for enhanced communication

Focus of the diagnosis: communication

Approved 2002 • Revised 2013 • Level of Evidence 2.1

### Definition

A pattern of exchanging information and ideas with others, which can be strengthened.

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Domain 5 • Class 5 • Diagnosis Code 00051

## Impaired verbal communication

Focus of the diagnosis: verbal communication

Approved 1983 • Revised 1996, 1998, 2017, 2020 • Level of Evidence 3.2

### Definition

Decreased, delayed, or absent ability to receive, process, transmit, and/or use a system of symbols.

### Defining characteristics

- Absence of eye contact
- Agraphia
- Alternative communication
- Anarthria
- Aphasia
- Augmentative communication
- Decline of speech productivity
- Decline of speech rate
- Decreased willingness to participate in social interaction
- Difficulty comprehending communication
- Difficulty establishing social interaction
- Difficulty maintaining communication
- Difficulty using body expressions
- Difficulty using facial expressions
- Difficulty with selective attention
- Displays negative emotions
- Dysarthria
- Dysgraphia
- Dyslalia
- Dysphonia
- Fatigued by conversation
- Impaired ability to speak
- Impaired ability to use body expressions
- Impaired ability to use facial expressions
- Inability to speak language of caregiver
- Inappropriate verbalization
- Obstinate refusal to speak
- Slurred speech

### Related factors

- Altered self-concept
- Cognitive dysfunction
- Dyspnea
- Emotional lability
- Environmental constraints
- Inadequate stimulation
- Low self-esteem
- Perceived vulnerability
- Psychological barriers
- Values incongruent with cultural norms

### At risk population

- Individuals facing physical barriers
- Individuals in the early postoperative period
- Individuals unable to verbalize
- Individuals with communication barriers
- Individuals without a significant other

**Associated conditions**

- Altered perception
- Central nervous system diseases
- Developmental disabilities
- Flaccid facial paralysis
- Hemifacial spasm
- Motor neuron disease
- Neoplasms
- Neurocognitive disorders
- Oropharyngeal defect
- Peripheral nervous system diseases
- Psychotic disorders
- Respiratory muscle weakness
- Sialorrhea
- Speech disorders
- Tongue diseases
- Tracheostomy
- Treatment regimen
- Velopharyngeal insufficiency
- Vocal cord dysfunction