Supplemental Reference List
Contents

1  Domain 1. Health promotion 14

1.1  Class 1. Health awareness 14
Decreased diversional activity engagement (00097)
Readiness for enhanced health literacy (00262)
Sedentary lifestyle (00168)

1.2  Class 2. Health management 16
Risk for elopement attempt (00290)
Frail elderly syndrome (00257)
Risk for frail elderly syndrome (00231)
Readiness for enhanced exercise engagement (00307)
Deficient community health (00215)
Risk-prone health behavior (00188)
Ineffective health maintenance behaviors (00292)
Ineffective health self-management (00276)
Readiness for enhanced health self-management (00293)
Ineffective family health self-management (00294)
Ineffective home maintenance behaviors (00300)
Risk for ineffective home maintenance behaviors (00308)
Readiness for enhanced home maintenance behaviors (00309)
Ineffective protection (00043)

2  Domain 2. Nutrition 32

2.1  Class 1. Ingestion 32
Imbalanced nutrition: less than body requirements (00002)
Readiness for enhanced nutrition (00163)
Insufficient breast milk production (00216)
Ineffective breastfeeding (00104)
Interrupted breastfeeding (00105)
Readiness for enhanced breastfeeding (00106)
Ineffective adolescent eating dynamics (00269)
Ineffective child eating dynamics (00270)
Ineffective infant feeding dynamics (00271)
Obesity (00232)
Overweight (00233)
Risk for overweight (00234)
Ineffective infant suck-swallow response (00295)
Impaired swallowing (00103)

2.2  Class 2. Digestion 52
This class does not currently contain any diagnoses

2.3  Class 3. Absorption 52
This class does not currently contain any diagnoses
2.4 Class 4. Metabolism
Risk for unstable blood glucose level (00179)
Neonatal hyperbilirubinemia (00194)
Risk for neonatal hyperbilirubinemia (00230)
Risk for impaired liver function (00178)
Risk for metabolic syndrome (00296)

2.5 Class 5. Hydration
Risk for electrolyte imbalance (00195)
Risk for imbalanced fluid volume (00025)
Deficient fluid volume (00027)
Risk for deficient fluid volume (00028)
Excess fluid volume (00026)

3 Domain 3. Elimination and exchange

3.1 Class 1. Urinary function
Disability-associated urinary incontinence (00297)
Impaired urinary elimination (00016)
Mixed urinary incontinence (00310)
Stress urinary incontinence (00017)
Urge urinary incontinence (00019)
Risk for urge urinary incontinence (00022)
Urinary retention (00023)
Risk for urinary retention (00322)

3.2 Class 2. Gastrointestinal function
Constipation (00011)
Risk for constipation (00015)
Perceived constipation (00012)
Chronic functional constipation (00235)
Risk for chronic functional constipation (00236)
Impaired bowel continence (00319)
Diarrhea (00013)
Dysfunctional gastrointestinal motility (00196)
Risk for dysfunctional gastrointestinal motility (00197)

3.3 Class 3. Integumentary function
This class does not currently contain any diagnoses

3.4 Class 4. Respiratory function
Impaired gas exchange (00030)

4 Domain 4. Activity/rest

4.1 Class 1. Sleep/rest
Insomnia (00095)
Sleep deprivation (00096)
Readiness for enhanced sleep (00165)
Disturbed sleep pattern (00198)

4.2 Class 2. Activity/exercise
Decreased activity tolerance (00298)
Risk for decreased activity tolerance (00299)
Risk for disuse syndrome (00040)
Impaired bed mobility (00091)
Impaired physical mobility (00085)
Impaired wheelchair mobility (00089)
Impaired sitting (00237)
Impaired standing (00238)
Impaired transfer ability (00090)
Impaired walking (00088)

4.3 Class 3. Energy balance
Imbalanced energy field (00273)
Fatigue (00093)
Wandering (00154)

4.4 Class 4. Cardiovascular/pulmonary responses
Ineffective breathing pattern (00032)
Decreased cardiac output (00029)
Risk for decreased cardiac output (00240)
Risk for impaired cardiovascular function (00311)
Ineffective lymphedema self-management (00278)
Risk for ineffective lymphedema self-management (00281)
Impaired spontaneous ventilation (00033)
Risk for unstable blood pressure (00267)
Risk for thrombosis (00291)
Risk for decreased cardiac tissue perfusion (00200)
Risk for ineffective cerebral tissue perfusion (00201)
Ineffective peripheral tissue perfusion (00204)
Risk for ineffective peripheral tissue perfusion (00228)
Dysfunctional ventilatory weaning response (00034)
Dysfunctional adult ventilatory weaning response (00318)

4.5 Class 5. Self-care
Bathing self-care deficit (00108)
Dressing self-care deficit (00109)
Feeding self-care deficit (00102)
Toileting self-care deficit (00110)
Readiness for enhanced self-care (00182)
Self-neglect (00193)

5 Domain 5. Perception/cognition

5.1 Class 1. Attention
Unilateral neglect (00123)
5.2 **Class 2. Orientation**
This class does not currently contain any diagnoses

5.3 **Class 3. Sensation/perception**
This class does not currently contain any diagnoses

5.4 **Class 4. Cognition**
- Acute confusion (00128)
- Risk for acute confusion (00173)
- Chronic confusion (00129)
- Labile emotional control (00251)
- Ineffective impulse control (00222)
- Deficient knowledge (00126)
- Readiness for enhanced knowledge (00161)
- Impaired memory (00131)
- Disturbed thought process (00279)

5.5 **Class 5. Communication**
- Readiness for enhanced communication (00157)
- Impaired verbal communication (00051)

6 **Domain 6. Self-perception**

6.1 **Class 1. Self-concept**
- Hopelessness (00124)
- Readiness for enhanced hope (00185)
- Risk for compromised human dignity (00174)
- Disturbed personal identity (00121)
- Risk for disturbed personal identity (00225)
- Readiness for enhanced self-concept (00167)

6.2 **Class 2. Self-esteem**
- Chronic low self-esteem (00119)
- Risk for chronic low self-esteem (00224)
- Situational low self-esteem (00120)
- Risk for situational low self-esteem (00153)

6.3 **Class 3. Body image**
- Disturbed body image (00118)

7 **Domain 7. Role relationship**

7.1 **Class 1. Caregiving roles**
- Impaired parenting (00056)
- Risk for impaired parenting (00057)
- Readiness for enhanced parenting (00164)
- Caregiver role strain (00061)
- Risk for caregiver role strain (00062)
7.2 **Class 2. Family relationships**
- Risk for impaired attachment (00058)
- Disturbed family identity syndrome (00283)
- Risk for disturbed family identity syndrome (00284)
- Dysfunctional family processes (00063)
- Interrupted family processes (00060)
- Readiness for enhanced family processes (00159)

7.3 **Class 3. Role performance**
- Ineffective relationship (00223)
- Risk for ineffective relationship (00229)
- Readiness for enhanced relationship (00207)
- Parental role conflict (00064)
- Ineffective role performance (00055)
- Impaired social interaction (00052)

8 **Domain 8. Sexuality**

8.1 **Class 1. Sexual identity**
- This class does not currently contain any diagnoses

8.2 **Class 2. Sexual function**
- Sexual dysfunction (00059)
- Ineffective sexuality pattern (00065)

8.3 **Class 3. Reproduction**
- Ineffective childbearing process (00221)
- Risk for ineffective childbearing process (00227)
- Readiness for enhanced childbearing process (00208)
- Risk for disturbed maternal-fetal dyad (00209)

9 **Domain 9. Coping/stress tolerance**

9.1 **Class 1. Post-trauma responses**
- Risk for complicated immigration transition (00260)
- Post-trauma syndrome (00141)
- Risk for post-trauma syndrome (00145)
- Rape-trauma syndrome (00142)
- Relocation stress syndrome (00114)
- Risk for relocation stress syndrome (00149)

9.2 **Class 2. Coping responses**
- Ineffective activity planning (00199)
- Risk for ineffective activity planning (00226)
- Anxiety (00146)
- Defensive coping (00071)
- Ineffective coping (00069)
- Readiness for enhanced coping (00158)
Ineffective community coping (00077)
Readiness for enhanced community coping (00076)
Compromised family coping (00074)
Disabled family coping (00073)
Readiness for enhanced family coping (00075)
Death anxiety (00147)
Ineffective denial (00072)
Fear (00148)
Maladaptive grieving (00301)
Risk for maladaptive grieving (00302)
Readiness for enhanced grieving (00285)
Impaired mood regulation (00241)
Powerlessness (00125)
Risk for powerlessness (00152)
Readiness for enhanced power (00187)
Impaired resilience (00210)
Risk for impaired resilience (00211)
Readiness for enhanced resilience (00212)
Chronic sorrow (00137)
Stress overload (00177)

9.3 Class 3. Neurobehavioral stress
Acute substance withdrawal syndrome (00258)
Risk for acute substance withdrawal syndrome (00259)
Autonomic dysreflexia (00009)
Risk for autonomic dysreflexia (00010)
Neonatal abstinence syndrome (00264)
Disorganized infant behavior (00116)
Risk for disorganized infant behavior (00115)
Readiness for enhanced organized infant behavior (00117)

10 Domain 10. Life principles

10.1 Class 1. Values
This class does not currently contain any diagnoses

10.2 Class 2. Beliefs
Readiness for enhanced spiritual well-being (00068)

10.3 Class 3. Value/belief/action congruence
Readiness for enhanced decision-making (00184)
Decisional conflict (00083)
Impaired emancipated decision-making (00242)
Risk for impaired emancipated decision-making (00244)
Readiness for enhanced emancipated decision-making (00243)
Moral distress (00175)
Impaired religiosity (00169)
Risk for impaired religiosity (00170)
Readiness for enhanced religiosity (00171)
Spiritual distress (00066)
Risk for spiritual distress (00067)

11 Domain 11. Safety/protection

11.1 Class 1. Infection
Risk for infection (00004)
Risk for surgical site infection (00266)

11.2 Class 2. Physical injury
Ineffective airway clearance (00031)
Risk for aspiration (00039)
Risk for bleeding (00206)
Impaired dentition (00048)
Risk for dry eye (00219)
Ineffective dry eye self-management (00277)
Risk for dry mouth (00261)
Risk for adult falls (00303)
Risk for child falls (00306)
Risk for injury (00035)
Risk for corneal injury (00245)
Nipple-areolar complex injury (00320)
Risk for nipple-areolar complex injury (00321)
Risk for urinary tract injury (00250)
Risk for perioperative positioning injury (00087)
Risk for thermal injury (00220)
Impaired oral mucous membrane integrity (00045)
Risk for impaired oral mucous membrane integrity (00247)
Risk for peripheral neurovascular dysfunction (00086)
Risk for physical trauma (00038)
Risk for vascular trauma (00213)
Adult pressure injury (00312)
Risk for adult pressure injury (00304)
Child pressure injury (00313)
Risk for child pressure injury (00286)
Neonatal pressure injury (00287)
Risk for neonatal pressure injury (00288)
Risk for shock (00205)
Impaired skin integrity (00046)
Risk for impaired skin integrity (00047)
Risk for sudden infant death (00156)
Risk for suffocation (00036)
Delayed surgical recovery (00100)
Risk for delayed surgical recovery (00246)
Impaired tissue integrity (00044)
Risk for impaired tissue integrity (00248)

11.3 Class 3. Violence
Risk for female genital mutilation (00272)
Risk for other-directed violence (00138)
Risk for self-directed violence (00140)
Self-mutilation (00151)
Risk for self-mutilation (00139)
Risk for suicidal behavior (00289)

11.4 Class 4. Environmental hazards
Contamination (00181)
Risk for contamination (00180)
Risk for occupational injury (00265)
Risk for poisoning (00037)

11.5 Class 5. Defensive processes
Risk for adverse reaction to iodinated contrast media (00218)
Risk for allergy reaction (00217)
Risk for latex allergy reaction (00042)

11.6 Class 6. Thermoregulation
Hyperthermia (00007)
Hypothermia (00006)
Risk for hypothermia (00253)
Neonatal hypothermia (00280)
Risk for neonatal hypothermia (00282)
Risk for perioperative hypothermia (00254)
Ineffective thermoregulation (00008)
Risk for ineffective thermoregulation (00274)

12 Domain 12. Comfort

12.1 Class 1. Physical comfort
Impaired comfort (00214)
Readiness for enhanced comfort (00183)
Nausea (00134)
Acute pain (00132)
Chronic pain (00133)
Chronic pain syndrome (00255)
Labor pain (00256)

12.2 Class 2. Environmental comfort
Impaired comfort (00214)
Readiness for enhanced comfort (00183)

12.3 Class 3. Social comfort
Impaired comfort (00214)
Readiness for enhanced comfort (00183)
Risk for loneliness (00054)
Social isolation (00053)
13 Domain 13. Growth/development

13.1 Class 1. Growth
This class does not currently contain any diagnoses

13.2 Class 2. Development
Delayed child development (00314)
Risk for delayed child development (00305)
Delayed infant motor development (00315)
Risk for delayed infant motor development (00316)
1 Domain 1. Health promotion

1.1 Class 1. Health awareness

**Decreased diversional activity engagement (00097)**


**Readiness for enhanced health literacy (00262)**


**Sedentary lifestyle (00168)**

1.2 Class 2. Health management

Risk for elopement attempt (00290)


**Frail elderly syndrome (00257)**


Risk for frail elderly syndrome (00231)


Journals of Gerontology Series A-Biological Sciences & Medical Sciences, 61(6), 589–593.
Readiness for enhanced exercise engagement (00307)
Deficient community health (00215)


**Risk-prone health behavior (00188)**


Newsom, J.T., Kaplan, M. S., Huguet, N. & Mcfarland, B.H. (2004). Health behaviors in a representative sample of older Canadians: Prevalences, reported change, motiva-


Ineffective health maintenance behaviors (00292)


Ineffective health self-management (00276)


Carneiro CS, Oliveira APD, Lopes JL, RN, Bachion MM, Herdman TH, Moorhead SA, Barros ALBL. Outpatient Clinic for Health Education: Contribution to Self-Management and Self-Care for People with Heart Failure. International Journal of Nursing Knowledge [Internet]. 2015,v.11(4);


**Readiness for enhanced health self-management (00293)**


**Ineffective family health self-management (00294)**


doi:10.1017/S104161217000862


Ineffective home maintenance behaviors (00300)

Risk for ineffective home maintenance behaviors (00308)


Readiness for enhanced home maintenance behaviors (00309)


Orellano-Colón E., Mountain G., Rosario M., Colón Z., Acevedo S., Tirado J. Environmental Restrictors to Occupational Participation in Old Age: Exploring Differences


**Ineffective protection (00043)**


2 Domain 2. Nutrition

2.1 Class 1. Ingestion

Imbalanced nutrition: less than body requirements (00002)


Readiness for enhanced nutrition (00163)

None at this time.

Insufficient breast milk production (00216)

Aragaki, IMM; Silva, IA; Santos, JLF. (2006). Traço e estado de ansiedade de nutrizes com indicadores de hipogalactia e nutrizes com galactia normal. [Trait and state anxiety of nursing mothers with indicators of nursing mothers with insufficient and normal galactic.] Revista Da Escola De Enfermagem Da U S P, 40 (3), 396–403.


Ineffective breastfeeding (00104)


Dunn RL, Kalich KA, Henning MJ, Fedrizzi R. Engaging field-based professionals in a
qualitative assessment of barriers and positive contributors to breastfeeding using the social ecological model. Matern Child Health J. 2015; 19(1):6–16
Hunter L, Magill-Cuerden J. Young mothers’ decisions to initiate and continue breastfeeding in the UK: tensions inherent in the paradox between being, but not being able to be seen to be, a good mother. Evidence Based Midwifery. 2014; 12(2):46–51

Interrupted breastfeeding (00105)
Hunter L, Magill-Cuerden J. Young mothers’ decisions to initiate and continue breastfeeding in the UK: tensions inherent in the paradox between being, but not being able to be seen to be, a good mother. Evidence Based Midwifery. 2014; 12(2):46–51

**Readiness for enhanced breastfeeding (00106)**

Hunter L, Magill-Cuerden J. Young mothers’ decisions to initiate and continue breastfeeding in the UK: tensions inherent in the paradox between being, but not being able to be seen to be, a good mother. Evidence Based Midwifery. 2014; 12(2):46–51
Ineffective adolescent eating dynamics (00269)


Ebbeling CB, Sinclair KB, Pereira MA, Garcia-Lago E, Feldman HA, Ludwig DS. Compensation for energy intake from fast food among overweight and lean adolescents. JAMA. 2004; 291(23):2828–2833


Ineffective child eating dynamics (00270)


Bowyer C. Around the table. Psychoanal Psychother. 2009; 23(1):41–60


Ineffective infant feeding dynamics (00271)

Understanding Hidden Sensory Challenges. Los Angeles, CA: Western Psychological Association; 2005


Bowyer C. Around the table. Psychoanal Psychother. 2009; 23(1):41–60


**Obesity (00232)**


Obesity in the Quebec Family Study: Have We Been Barking Up the Wrong Tree? Obesity, 17(10), 1964 – 1970.


Overweight (00233)


Risk for overweight (00234)


Ineﬀective infant suck-swallow response (00295)


Impaired swallowing (00103)


Furkim AM, Behlau MS, Weckx LLM.[ Clinical and videofluoroscopic evaluation of deglutition in children with tetraparetic spastic cerebral palsy]. Arq Neuropsiquiatr


Lustre NS, Freire TRB, Silvério CC. Temporal measurements of oral transit time in children with cerebral palsy of different levels motors and the relationship with the


Rosset MOS, Santos BMO, Galera SAF. [The burden of caring for a child with cerebral palsy from the perspective of caregivers]. UNOPAR Cient Ciênc Biol Saúde [Inter-
2.2 Class 2. Digestion
This class does not currently contain any diagnoses

2.3 Class 3. Absorption
This class does not currently contain any diagnoses

2.4 Class 4. Metabolism

Risk for unstable blood glucose level (00179)


Neonatal hyperbilirubinemia (00194)


Risk for neonatal hyperbilirubinemia (00230)

Risk for impaired liver function (00178)
Fontana RJ, Lok SF. Noninvasive monitoring of patients with chronic hepatitis C. Hepatology. 2002; 36(5) Suppl. 1:S57–S64
Hoofnagle J. Course and outcome of hepatitis C. Hepatology. 2002; 36(5) Suppl. 1:S21–S29

Risk for metabolic syndrome (00296)
### 2.5 Class 5. Hydration

#### Risk for electrolyte imbalance (00195)


#### Risk for imbalanced fluid volume (00025)


Deficient fluid volume (00027)


Risk for deficient fluid volume (00028)


Excess fluid volume (00026)


Nwosu AC, Mayland CR, Mason S, et al. The association of hydration status with physical signs, symptoms and survival in advanced cancer—the use of bioelectrical impedance vector analysis (BIVA) technology to evaluate fluid volume in palliative care:


3 Domain 3. Elimination and exchange

3.1 Class 1. Urinary function

Disability-associated urinary incontinence (00297)


Rantell A. Assessment and diagnosis of overactive bladder in women. Nurs Stand. 2013; 27(52): 35–40. doi:10.7748/ns2013.08.27.52.35.e7389


The Oxford English Dictionary [Internet]. Oxford: Oxford University Press, c2018. Available at: https://www.oed.com/


80


Impaired urinary elimination (00016)


**Mixed urinary incontinence (00310)**


Rantell A. Assessment and diagnosis of overactive bladder in women. Nurs Stand. 2013; 27(52): 35–40. doi:10.7748/ns2013.08.27.52.35.e7389


Stress urinary incontinence (00017)


Rantell A. Assessment and diagnosis of overactive bladder in women. Nurs Stand. 2013; 27(52): 35–40. doi:10.7748/ns2013.08.27.52.35.e7389


**Urge urinary incontinence (00019)**


Rantell A. Assessment and diagnosis of overactive bladder in women. Nurs Stand. 2013; 27(52): 35–40. doi:10.7748/ns2013.08.27.52.35.e7389


The Oxford English Dictionary [Internet]. Oxford: Oxford University Press, c2018. Available at: https://www.oed.com/


**Risk for urge urinary incontinence (00022)**


Wilcox I, Altman D, Cartwright R, Lapitan MC, Nelson R, Sjostrom S, Tikkinen KAO. Epidemiology of urinary incontinence (IU) and other lower urinary tract symptoms (LUTS), pelvic organ prolapse (POP), and anal (AI) incontinence. Committee 1. In:


Rantell A. Assessment and diagnosis of overactive bladder in women. Nurs Stand. 2013; 27(52): 35–40. doi:10.7748/ns2013.08.27.52.35.e7389


114

Urinary retention (00023)

Risk for urinary retention (00322)

3.2 Class 2. Gastrointestinal function

Constipation (00011)


Risk for constipation (00015)


Perceived constipation (00012)


Chronic functional constipation (00235)

Chronic constipation diagnosis and treatment evaluation: the “CHRO.CO.DI.T.E.” study. BMC Gastroenterology; 17(11).


Gray JR. What is chronic constipation? Definition and diagnosis. Can J Gastroenterol. 2011; 25 Suppl B:7B–10B


Risk for chronic functional constipation (00236)


Gray JR. What is chronic constipation? Definition and diagnosis. Can J Gastroenterol. 2011; 25 Suppl B:7B–10B


**Impaired bowel continence (00319)**

**Diarrhea (00013)**

Dysfunctional gastrointestinal motility (00196)
Risk for dysfunctional gastrointestinal motility (00197)


3.3 Class 3. Integumentary function
This class does not currently contain any diagnoses

3.4 Class 4. Respiratory function

**Impaired gas exchange (00030)**


Hartmann et al., 2016 - APMIS. doi:10.1111/apm.12626


Sousa; Lopes; Silva - Assist Intern Ric, v. 33, p. 29–35 (2014)

Weiskopf et al., 2012 - Anesthesia and Analgesia, 114(3), 511–519. doi:10.1213/ANE.0b013e318241fcd5
4 Domain 4. Activity/rest

4.1 Class 1. Sleep/rest

Insomnia (00095)


128
Sleep deprivation (00096)
None at this time.

Readiness for enhanced sleep (00165)
None at this time.

Disturbed sleep pattern (00198)
None at this time.

4.2 Class 2. Activity/exercise

Decreased activity tolerance (00298)


Risk for decreased activity tolerance (00299)


Risk for disuse syndrome (00040)

None at this time.

Impaired bed mobility (00091)

Goldstein S. The biology of aging: looking to defuse the genetic time bomb. Geriatrics. 1993; 48(9):76–82

**Impaired physical mobility (00085)**


**Impaired wheelchair mobility (00089)**


Impaired sitting (00237)

Impaired standing (00238)

Impaired transfer ability (00090)


**Impaired walking (00088)**


### 4.3 Class 3. Energy balance

**Imbalanced energy field (00273)**


Frisch N., Butcher H, Campbell D, Weir-Hughes D. Holistic Nurses’ Use of Energy-based Caring Modalities, manuscript under review, submitted to Holistic Nursing Practice. (full text available to DDC); 2015


Frisch N, Fuller A, Resnicoff M, Shields D, Butcher H. Development of a revision/submission of a nursing diagnosis related to the concept of the human energy field. Unpublished White Paper prepared for the American Holistic Nurses’ Association. Topeka, KS (full text to available to DDC); 2015


Krieger D. Therapeutic touch as transpersonal healing. New York, NY: Lantern; 2002
Fatigue (00093)


Wandering (00154)
None at this time.

4.4 Class 4. Cardiovascular/pulmonary responses

Ineffective breathing pattern (00032)
Decreased cardiac output (00029)
None at this time.

Risk for decreased cardiac output (00240)
Maria, V.R.L. (1997). Elaboração de diagnósticos de Enfermagem do paciente coronariano em estado crítico (Tese de Doutorado da Escola de Enfermagem, USP). Escola de Enfermagem, Universidade de São Paulo, São Paulo, SP,

**Risk for impaired cardiovascular function (00311)**

Framingan Heart Estudy. A proyect of the national heart, Lung and Blood Institute and Boston University. Disponible en: http://www.framinghamheartstudy.org/risk/cardiovascular30.html Consultado el 03/03/2013
Pérez-Alonso J, Ballesteros-Álvaro AM, González-Esteban MP, Delgado-González E, Aragón-Posadas R, Mediavilla-Marcos ME. ¿Qué intervenciones no farmacológicas son efectivas en el control de la H.T.A. esencial del adulto en Atención Primaria?


**Ineffective lymphedema self-management (00278)**


Risk for ineffective lymphedema self-management (00281)


Impaired spontaneous ventilation (00033)
None at this time.

Risk for unstable blood pressure (00267)
Wynne AL, Woo TM, Olyaei AJ. Drugs affecting the cardiovascular and renal systems (Chapter 16). In Pharmacotherapeutics for nurse practitioner prescribers. 2nd ed. F. A. Davis: USA;2007:243–308
Risk for thrombosis (00291)


Risk for decreased cardiac tissue perfusion (00200)


Risk for ineffective cerebral tissue perfusion (00201)

Ineffective peripheral tissue perfusion (00204)
Risk for ineffective peripheral tissue perfusion (00228)


**Dysfunctional ventilatory weaning response (00034)**

None at this time.

**Dysfunctional adult ventilatory weaning response (00318)**


Cordeiro ALL, Lima ASS, Matos ICO, Oliveira LVB, Guimarães AR, Carvalho SO, et al. Analysis of mechanical ventilation time and hospitalization of patients under-


4.5 Class 5. Self-care

Bathing self-care deficit (00108)
None at this time.

Dressing self-care deficit (00109)
None at this time.

Feeding self-care deficit (00102)
None at this time.
Toileting self-care deficit (00110)
None at this time.

Readiness for enhanced self-care (00182)

Self-neglect (00193)


5  Domain 5. Perception/cognition

5.1  Class 1. Attention

Unilateral neglect (00123)

5.2  Class 2. Orientation
This class does not currently contain any diagnoses

5.3  Class 3. Sensation/perception
This class does not currently contain any diagnoses

5.4  Class 4. Cognition

Acute confusion (00128)


Supplemental Reference List


**Risk for acute confusion (00173)**


Chronic confusion (00129)


Labile emotional control (00251)


Ineffective impulse control (00222)
Hwang B, Moser DK. Knowledge Is Insufficient for Self-Care Among Heart Failure Patients With Psychological Distress. Health Psychology. 2014; 33 (7) 588–596
Sundel S, Ea EE. An Educational Intervention to Evaluate Nurses’ Knowledge of Heart Failure. The Journal of Continuing Education in Nursing. 2018; 49 (7) 315–21
Turrise S. Illness Representations, Treatment Beliefs, Medication Adherence, and 30-Day Hospital Readmission in Adults With Chronic Heart Failure. A Prospective Correlational Study. Journal of Cardiovascular Nursing. 2016; 31 (3) 245–254.

Readiness for enhanced knowledge (00161)
Hwang B, Moser DK. Knowledge Is Insufficient for Self-Care Among Heart Failure Patients With Psychological Distress. Health Psychology. 2014; 33 (7) 588–596
Sundel S, Ea EE. An Educational Intervention to Evaluate Nurses’ Knowledge of Heart Failure. The Journal of Continuing Education in Nursing. 2018; 49 (7) 315–21
Turrise S. Illness Representations, Treatment Beliefs, Medication Adherence, and 30-Day Hospital Readmission in Adults With Chronic Heart Failure. A Prospective Correlational Study. Journal of Cardiovascular Nursing. 2016; 31 (3) 245–254.
Zeng W, Chia SY, Chan YH, Tan SC, Low EJH, Fong MK. Factors impacting heart failure patients’ knowledge of heart disease and self-care management. Proceedings of

**Impaired memory (00131)**

178
Disturbed thought process (00279)
Ganesalingam, K., Yeates, K. O., Taylor, H. G., Walz, N. C., Stancin, T., & Wade, S. (2011). Executive functions and social competence in young children 6 months fol-


5.5 Class 5. Communication

Readiness for enhanced communication (00157)
None at this time.

Impaired verbal communication (00051)


Severo AH, Carvalho ZMF, Lopes MVO, Brasileiro RSF, Braga DCO. Impaired Verbal Communication: diagnosis review in patients with Amyotrophic Lateral Sclerosis
6 Domain 6. Self-perception

6.1 Class 1. Self-concept

Hopelessness (00124)
Kliem S, Lohmann A, Mößle T, Brähler E. Psychometric properties and measurement invariance of the Beck hopelessness scale (BHS): results from a German representa-
6.1 Class 1. Self-concept

MacLeod AK, Tata P, Tyrer P, Schmidt U, Davidson K, Thompson S. Hopelessness and positive and negative future thinking in parasuicide.

Ready for enhanced hope (00185)
Risk for compromised human dignity (00174)

Disturbed personal identity (00121)

Risk for disturbed personal identity (00225)

Readiness for enhanced self-concept (00167)
None at this time.

6.2 Class 2. Self-esteem

Chronic low self-esteem (00119)


González-Guarda, Rosa María; Peragallo, Nilda; Lynch, Ami; Nemes, Susanna Drugs, Women and Violence in the Americas: U.S. Results of a Multi-Centric Pilot Project (Phase 1) Revista Colombiana de Psiquiatría, vol. 39, 2010, pp. 46 S-65 S Asociación Colombiana de Psiquiatría Bogotá, D.C., Colombia


Rodríguez Kuri, Solveig Erendira; Córdova Alcaráz, Alberto Javier; Fernández Cáceres, María del Carmen Estudio comparativo del proceso de inserción social en hombres y Mujeres usuarios de drogas en rehabilitación Salud y drogas, vol. 15, núm. 1, 2015, pp. 49–54 Instituto de Investigación de Drogodependencias Alicante, España.


Risk for chronic low self-esteem (00224)


González-Guarda, Rosa María; Peragallo, Nilda; Lynch, Ami; Nemes, Susanna Drugs, Women and Violence in the Americas: U.S. Results of a Multi-Centric Pilot Project (Phase 1) Revista Colombiana de Psiquiatría, vol. 39, 2010, pp. 46 S-65 S Asociación Colombiana de Psiquiatría Bogotá, D.C., Colombia


Rodríguez Kuri, Solveig Erendira; Córdova Alcaráz, Alberto Javier; Fernández Cáceres, María del Carmen Estudio comparativo del proceso de inserción social en hombres y Mujeres usuarios de drogas en rehabilitación Salud y drogas, vol. 15, núm. 1, 2015, pp. 49–54 Instituto de Investigación de Drogodependencias Alicante, España.


Situational low self-esteem (00120)


González-Guarda, Rosa María; Peragallo, Nilda; Lynch, Ami; Nemes, Susanna Drugs, Women and Violence in the Americas: U.S. Results of a Multi-Centric Pilot Project (Phase 1) Revista Colombiana de Psiquiatría, vol. 39, 2010, pp. 46 S–65 S Asociación Colombiana de Psiquiatría Bogotá, D.C., Colombia


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Risk for situational low self-esteem (00153)


González-Guarda, Rosa María; Peragallo, Nilda; Lynch, Ami; Nemes, Susanna Drugs, Women and Violence in the Americas: U.S. Results of a Multi-Centric Pilot Project (Phase 1) Revista Colombiana de Psiquiatría, vol. 39, 2010, pp. 46 S-65 S Asociación Colombiana de Psiquiatría Bogotá, D.C., Colombia


Limberger Jéssica, Andretta Ilana. Desenvolvimento das habilidades sociais na vida de mulheres usuárias de crack: estudo de casos múltiplos. Temas psicol. [Internet].


Rodríguez Kuri, Solveig Erendira; Córdova Alcaráz, Alberto Javier; Fernández Cáceres, María del Carmen Estudio comparativo do processo de inserção social em homens y Mujeres usuarios de drogas en rehabilitación Salud y drogas, vol. 15, núm. 1, 2015, pp. 49–54 Instituto de Investigación de Drogodependencias Alicante, España.


6.3 Class 3. Body image

Disturbed body image (00118)


7 Domain 7. Role relationship

7.1 Class 1. Caregiving roles

Impaired parenting (00056)
Bartlett, J. D., Guzman, L., & Ramos-Olazagasti, M. A. (2018). Parenting knowledge among first-time parents of young children (No. 28). Issue Brief. (2 studies, summarized – one was systematic review, one was focus group with parents). Readiness for enhanced parenting


Risk for impaired parenting (00057)


Bartlett, J. D., Guzman, L., & Ramos-Olazagasti, M. A. (2018). Parenting knowledge among first-time parents of young children (No. 28). Issue Brief. (2 studies, summarized – one was systematic review, one was focus group with parents). Readiness for enhanced parenting


Readiness for enhanced parenting (00164)


Barlett, J. D., Guzman, L., & Ramos-Olazagasti, M. A. (2018). Parenting knowledge among first-time parents of young children (No. 28). Issue Brief. (2 studies, summarized – one was systematic review, one was focus group with parents). Readiness for enhanced parenting


**Caregiver role strain (00061)**

None at this time.

**Risk for caregiver role strain (00062)**

None at this time.

### 7.2 Class 2. Family relationships

#### Risk for impaired attachment (00058)

None at this time.

**Disturbed family identity syndrome (00283)**


Risk for disturbed family identity syndrome (00284)


The Experiences of Women Fertilized through Egg Donation during their Treatment Process. EBCJ, 6 (1), 63–70. Doi: 10.22038/ebcj.2016.6741


**Dysfunctional family processes (00063)**
None at this time.

**Interrupted family processes (00060)**
None at this time.

**Readiness for enhanced family processes (00159)**
None at this time.

**7.3 Class 3. Role performance**

**Ineefective relationship (00223)**

**Risk for ineefective relationship (00229)**


**Readiness for enhanced relationship (00207)**


**Parental role conflict (00064)**

None at this time.

**Ineffective role performance (00055)**

None at this time.

**Impaired social interaction (00052)**


RW Smith et al., Social isolation in relation to vascular disease incidence and mortality among 325,000 UK women; a prospective cohort study. J Epidemiol Community Health, 2018


8 Domain 8. Sexuality

8.1 Class 1. Sexual identity
This class does not currently contain any diagnoses

8.2 Class 2. Sexual function
Sexual dysfunction (00059)

Ineefective sexuality pattern (00065)

8.3 Class 3. Reproduction
Ineefective childbearing process (00221)

Supplemental Reference List


**Risk for ineffective childbearing process (00227)**


**Readiness for enhanced childbearing process (00208)**

**Risk for disturbed maternal-fetal dyad (00209)**
9 Domain 9. Coping/stress tolerance

9.1 Class 1. Post-trauma responses

Risk for complicated immigration transition (00260)
Garaikoetxea A. Expectativas y opiniones de los inmigrantes económicos sobre nuestro sistema de salud. Tesis (Doctorado). Universitat Autònoma Barcelona; 2007
9.1 Class 1. Post-trauma responses

Post-trauma syndrome (00141)
None at this time.

Risk for post-trauma syndrome (00145)
None at this time.

Rape-trauma syndrome (00142)
None at this time.

Relocation stress syndrome (00114)
9.2 Class 2. Coping responses

**Ineffective activity planning (00199)**


**Risk for ineffective activity planning (00226)**


Anxiety (00146)


Defensive coping (00071)


Ineffective coping (00069)
None at this time.

Readiness for enhanced coping (00158)
None at this time.

Ineffective community coping (00077)
None at this time.

Readiness for enhanced community coping (00076)
None at this time.

Compromised family coping (00074)
None at this time.

Disabled family coping (00073)
None at this time.

Readiness for enhanced family coping (00075)
None at this time.

Death anxiety (00147)


Ineffective denial (00072)


Fear (00148)


Maladaptive grieving (00301)


**Risk for maladaptive grieving (00302)**


Readiness for enhanced grieving (00285)

228


**Impaired mood regulation (00241)**


**Powerlessness (00125)**


**Risk for powerlessness (00152)**


**Readiness for enhanced power (00187)**


**Impaired resilience (00210)**


Risk for impaired resilience (00211)


Readiness for enhanced resilience (00212)


Chronic sorrow (00137)
None at this time.

Stress overload (00177)
Boardman, J.D. (2004). Stress and physical health: The role of neighborhoods as mediating and moderating mechanisms. Social Science and Medicine, 58(12), 2473–2483.


9.3 Class 3. Neurobehavioral stress

Acute substance withdrawal syndrome (00258)

Risk for acute substance withdrawal syndrome (00259)

Autonomic dysreflexia (00009)
None at this time.

Risk for autonomic dysreflexia (00010)
None at this time.

Neonatal abstinence syndrome (00264)
Galinkin J, Koh JL, Committee on Drugs, Section On Anesthesiology and Pain Medicine, American Academy of Pediatrics. Recognition and management of iatrogen-

**Disorganized infant behavior (00116)**
None at this time.

**Risk for disorganized infant behavior (00115)**
None at this time.

**Readiness for enhanced organized infant behavior (00117)**
None at this time.
10 Domain 10. Life principles

10.1 Class 1. Values
This class does not currently contain any diagnoses

10.2 Class 2. Beliefs
Readiness for enhanced spiritual well-being (00068)

10.3 Class 3. Value/belief/action congruence
Readiness for enhanced decision-making (00184)


**Decisional conflict (00083)**


**Impaired emancipated decision-making (00242)**

Stepanuk, K.M. (2011). Women’s decision-making regarding medication use in pregnancy for anxiety and/or depression. Philadelphia, PA: Drexel University, College of Nursing Health Professions, Doctor of Nursing Practice Program.


Risk for impaired emancipated decision-making (00244)

Stepanuk, K.M. (2011). Women’s decision-making regarding medication use in pregnancy for anxiety and/or depression. Philadelphia, PA: Drexel University, College of Nursing Health Professions, Doctor of Nursing Practice Program.


Readiness for enhanced emancipated decision-making (00243)

Stepanuk, K.M. (2011). Women’s decision-making regarding medication use in pregnancy for anxiety and/or depression. Philadelphia, PA: Drexel University, College of Nursing Health Professions, Doctor of Nursing Practice Program.


Moral distress (00175)


Impaired religiosity (00169)


**Risk for impaired religiosity (00170)**


is turning over. In E. A. Schuster & C. L. Brown (Eds.) Exploring Our Environmental
reflections. The International Journal of Psychiatric Nursing Research, 8(1), 891–
896.

Readiness for enhanced religiosity (00171)
tation & Aging, 24(3), 23–34.
Besthorn, F. H. (2001). Transpersonal psychology and deep ecological philosophy: Ex-
ploring linkages and applications for social work, Social Thought, 20(1/2), 23–44.
Practice, 3(3), 69–77.
Schuster & C. L. Brown (eds.) Exploring Our Environmental Connections, New
York: National League for Nursing.
ing the diagnosis through a review of the nursing literature. Nursing Diagnosis: The
International Journal of Nursing Language and Classification, 12(2), 45–54.
21.
teaching on spiritual attitudes, Image: Journal of Nursing Scholarship, 18(4), 161–
164.
Charnes, L. S. & Moore, P. S. (1992). Meeting patients’ spiritual needs. The Jewish per-
spective. Holistic Nursing Practice, 6(3), 64–72.
Chatters, L. M., Taylor, R. J., & Lincoln, K. D. (2001). Advances in the measurement of
religiosity among older African Americans: Implications for health and mental
spiritual needs of hospice clients. The American Journal of Hospice & Palliative
Care, 12(2), 30–37.
giosity and values in predicting political attitudes: Evidence for the continuing im-
portance of religiosity in Fladers (Belgium). Mental Health, Religion, & Culture, 5
(1), 35–54.
Health Promotion, 7(1), 45–52.
Fehring, R. J., Brennann, P. F., & Keller, M. L. (1987). Psychological and spiritual well-
being in college students, Research in Nursing & Health, 10, 391–398.
Freeman, D. R., (2001). The relationship between spiritual development and ethnicity
Fry, P S. (2000). Religious involvement, spirituality and personal meaning for life: ex-
istential predictors of psychological wellbeing in community-residing and institu-
**Spiritual distress (00066)**


**Risk for spiritual distress (00067)**


249
11 Domain 11. Safety/protection

11.1 Class 1. Infection

Risk for infection (00004)
Cholapranee, A., & Ananthakrishnan, A. N. (2016). Environmental Hygiene and Risk of Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 22(9), 2191–2199. doi:10.1097/mib.0000000000000852


Guest JF, Fuller GW, Vowden P, Vowden KR. Cohort study evaluating pressure ulcer management in clinical practice in the UK following initial presentation in the community: costs and outcomes. BMJ Open 2018; 8(7): e021769.


Rafael, Ricardo de Mattos Russo; Neto, Mercedes; Carvalho, Marina Maria Baltazar de; David, Helena Maria Scherlowski Leal; Acioli, Sonia; Faria, Magda Guimarães de Araujo. Epidemiologia, políticas públicas e pandemia de Covid-19: o que esperar no Brasil? Rev. enferm. UERJ 2020; 28: e49570. DOI: http://dx.doi.org/10.12957/reuerj.2020.49570


**Risk for surgical site infection (00266)**

Barbosa HF, Reis FJC, Carrara HHA, Andrade JM. Fatores de risco para infectações de sítio cirúrgico em pacientes operadas por câncer de mama. RBGO. 2004; 26(3):227–232


Ercole FF. Aspectos epidemiológicos da infecção de sítio cirúrgico em pacientes submetidos a artroplastias de quadril em um hospital de grande porte de BH - MG [dissertação]. Belo Horizonte (MG): Escola de Enfermagem -Universidade Federal de Minas Gerais; 2000

Ercole FF. Avaliação de aplicabilidade do índice de risco de infecção cirúrgica do sistema NNIS em pacientes submetidos a procedimentos ortopédicos: um estudo multicêntrico em hospitais de Belo Horizonte, Minas Gerais [tese]. Belo Horizonte (MG): Instituto de Ciências Biológicas - Universidade Federal de Minas Gerais; 2006


11.2 Class 2. Physical injury

Ineffective airway clearance (00031)


DOI:10.1590/00005082-198811000-00010


Bouza, E. T., & Torrado, R. V. (2004). Enfermería en cuidados paliativos: Hospitalización durante los últimos días de vida. Enfermería Global, 3(2) DOI:10.6018/eglobal.3.2.546


Del Colegio, (81), 38–43. Retrieved from https://dialnet.unirioja.es/servlet/articulo?codigo=4016911


Sociedad Española De Enfermería Neurológica, 39(1), 29–33. DOI:10.1016/j.sedene.2014.01.001


Risk for aspiration (00039)


Izumi M, Takeuchi K, Ganaha S, Akifusa S, Yamashita Y. Effects of Oral Care With Tongue Cleaning on Coughing Ability in Geriatric Care Facilities: A Randomised

Risk for bleeding (00206)

Impaired dentition (00048)
None at this time.

Risk for dry eye (00219)


Ineffective dry eye self-management (00277)


Risk for dry mouth (00261)


269


**Risk for adult falls (00303)**


Supplemental Reference List


Risk for child falls (00306)


Risk for injury (00035)
None at this time.

Risk for corneal injury (00245)


Nipple-areolar complex injury (00320)


Coca KP, Amir LH, Alves MDRDS, Barbieri M, Marcacine KO, de Vilhena Abrão ACF. Measurement tools and intensity of nipple pain among women with or without

275


11.2.1 Risk for nipple-areolar complex injury (00321)


**Risk for urinary tract injury (00250)**


Garbuio DC. (2012). Conceptual analysis and content validation of risk for urinary tract injury: proposal of nursing diagnosis (Dissertation). Post Graduate Nursing Program, Federal University of São Carlos, São Carlos, SP, Brazil


Head C. Insertion of a urinary catheter. Nurs Older People. 2006; 18(10):33–36, quiz 37


Sarica S, Akkoc Y, Karapalot H, Aktug H. Comparison of the use of conventional, hydrophilic and gel-lubricated catheters with regard to urethral micro trauma, urinary


**Risk for perioperative positioning injury (00087)**


Risk for thermal injury (00220)


282

**Impaired oral mucous membrane integrity (00045)**


Carvalho ACA, Campos PSF, Crusóe-Rebello I. Síndrome de Down: aspectos relacionados ao sistema estomatognático. Revista de Ciências Médicas e Biológicas. 2010; 9 Suppl.1:49–52


Cruz MCFN, Braga VAS, Garcia JGF, Lopes FF, Maia ECS. Condições bucais relacionadas com o estresse: uma revisão dos achados atuais. Rev Fac Odontol Porto Alegre. 2008; 49(1):8–11


Santos RCS. Mucosite em pacientes portadores de câncer de cabeça e pescoço submetidos a radioterapia e quimioterapia concomitantes. Radiol Bras. 2010; 43(2):136–140

Risk for impaired oral mucous membrane integrity (00247)


**Risk for peripheral neurovascular dysfunction (00086)**
None at this time.

**Risk for physical trauma (00038)**
None at this time.

**Risk for vascular trauma (00213)**


**Adult pressure injury (00312)**


**Risk for adult pressure injury (00304)**

Abouleish AE, Leib ML, Cohen NH (2015). ASA provides examples to each ASA physical status class. ASA Monitor, 79, 38–39


Child pressure injury (00313)


Children With Congenital Heart Disease: Prevalence and Associated Factors*. Pediatric Critical Care Medicine, 20(11), 1048–1056. doi: 10.1097/PCC.00000000000002077


Vocci, M.B., Fontes,, C.M.B., Abbade, L.P.F. (2018). Pressure injury in the pediatric population: Cohort study using the Braden Q Scale. Advances in Skin & Wound Care, 31(10), 456–461 doi: 10.1097/01.ASW.0000542529.94557.0a 10.1097/01.ASW.0000542529.94557.0a


Risk for child pressure injury (00286)


Voci, M.B., Fontes, C.M.B., Abbade, L.P.F. (2018). Pressure injury in the pediatric population: Cohort study using the Braden Q Scale. Advances in Skin & Wound Care, 31(10), 456–461 doi: 10.1097/01.ASW.0000542529.94557.0a 10.1097/01.ASW.0000542529.94557.0a

Neonatal pressure injury (00287)


sure Injuries Caracterização Epidemiológica e Clínica de Crianças com Lesões por Pressão. Revista Enfermagem Atual, 86.

Risk for neonatal pressure injury (00288)

292


Risk for shock (00205)


**Impaired skin integrity (00046)**


tional observational study. International Journal of Nursing Studies, 49(6), 739–746. doi:10.1016/j.ijnurstu.2012.01.007


**Risk for impaired skin integrity (00047)**


Risk for sudden infant death (00156)


**Risk for suffocation (00036)**

None at this time.

**Delayed surgical recovery (00100)**


demographic Profile Analysis. Revista de Enfermagem do Centro-Oeste Mineiro, 8, e1793. doi:10.19175/recom.v8i0.1793

Carmo, T. G. (2018). Validação clínica dos diagnósticos de enfermagem risco de recuperação cirúrgica retardada e recuperação cirúrgica retardada em pacientes de cirurgia cardíaca. [Tese]


Risk for delayed surgical recovery (00246)


Impaired tissue integrity (00044)


Risk for impaired tissue integrity (00248)


11.3 Class 3. Violence

Risk for female genital mutilation (00272)


Andersson SH, Rymer J, Joyce DW, Momoh C, Gayle CM. Sexual quality of life in women who have undergone female genital mutilation: a case-control study. BJOG. 2012; 119(13):1606–1611


Gobierno de Aragón. Protocolo para la prevención y actuación ante la Mutilación Genital Femenina en Aragón. Zaragoza, Gobierno de Aragón; 2011


Instituto Navarro para la Familia e Igualdad. Protocolo para la prevención y actuación ante la Mutilación Genital Femenina en Navarra. Pamplona, Gobierno de Navarra; 2013


Pastor M, Jiménez I, Moya M, Almansa P. Vivencias de un grupo de mujeres de Yibuti con la Mutilación Genital Femenina. Enfermería Comunitaria; 2013

Risk for other-directed violence (00138)
None at this time.

Risk for self-directed violence (00140)
None at this time.

Self-mutilation (00151)
None at this time.

Risk for self-mutilation (00139)
None at this time.

Risk for suicidal behavior (00289)


11.4 Class 4. Environmental hazards

Contamination (00181)


Risk for contamination (00180)


**Risk for occupational injury (00265)**


Cosgrove MP, Sargeant LA, Caleyachetty R, Griffin SJ. (2012). Work-related stress and type 2 diabetes


Esplugas Trenc JL. Actos inseguros en el trabajo: guía de intervención. Instituto Nacional de Seguridad e Higiene en el Trabajo, NTP 415


Manuele FA. Reviewing heinrich: Dislodging two myths from the practice of safety. Prof Saf. 2011; 56(10):52–61


Pastor Férez Y. Evaluación a la exposición a campos magnéticos en la estación experimental agoralimentaria Tomás Ferro. El Autor; 2013
Ramírez Mañas C. Estudio de prevalencia de las malformaciones congénitas cardíacas en la provincia de Almería y su relación con la exposición a fitosanitarios. Importancia de la actuación enfermera. 2013
van Mark A, Spallek M, Groneberg DA, Kessel R, Weiler SW. Correlates shift work with increased risk of gastrointestinal complaints or frequency of gastritis or peptic ulcer in H. pylori-infected shift workers?.Int Arch Occup Environ Health. 2010; 83 (4):423–431
Risk for poisoning (00037)

11.5 Class 5. Defensive processes
Risk for adverse reaction to iodinated contrast media (00218)
Risk for allergy reaction (00217)


Friedlaender, M.H. Objective measurement of allergic reactions in the eye. Current Opinion in Allergy and Clinical Immunology, 4(5), 447–453.


Risk for latex allergy reaction (00042)


11.6 Class 6. Thermoregulation

Hyperthermia (00007)


Stanton AN, Scott DJ, Downham MA. Is overheating a factor in some unexpected infant deaths? Lancet. 1980; 1(8177):1054–1057

Hypothermia (00006)
American College of Surgeons Committee on Trauma. Advanced Trauma Life Support for Doctors. Students Course Manual. 7th ed. Chicago, IL: American College of Surgeons Committee on Trauma; 2004


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Muralidhara DV, Muralidhara KD, Zubaidi A. Brown Fat and Its Thermoregulatory Role in the Human Neonate. Journal of Physiological and Biomedical Sciences. 2010; 23(2):5–10
Verklan MT. So, he’s a little premature...what’s the big deal? Crit Care Nurs Clin North Am. 2009; 21(2):149–161

Risk for hypothermia (00253)
American College of Surgeons Committee on Trauma. Advanced Trauma Life Support for Doctors. Students Course Manual. 7th ed. Chicago, IL: American College of Surgeons Committee on Trauma; 2004
Muralidhara DV, Muralidhara KD, Zubaidi A. Brown Fat and Its Thermoregulatory Role in the Human Neonate. Journal of Physiological and Biomedical Sciences. 2010; 23(2):5–10
Verklan MT. So, he’s a little premature...what’s the big deal?. Crit Care Nurs Clin North Am. 2009; 21(2):149–161

**Neonatal hypothermia (00280)**


Knobel, R. & Holditch-Davis, D (2010). Thermoregulation and heat loss prevention after birth and during neonatal intensive-care unit stabilization of extremely low-birthweight infants. Advances in Neonatal Care, 10(s), S7-S14. doi:10.1097/AN- C.0b013e3181e7de2


Risk for neonatal hypothermia (00282)


Knobel, R, & Holditch-Davis, D (2010). Thermoregulation and heat loss prevention after birth and during neonatal intensive-care unit stabilization of extremely low-birthweight infants. Advances in Neonatal Care, 10(s), S7-S14. doi:10.1097/AN-C.0b013e3181ef7de2


Risk for perioperative hypothermia (00254)


Ineffective thermoregulation (00008)
None at this time.

Risk for ineffective thermoregulation (00274)
None at this time.
12 Domain 12. Comfort

12.1 Class 1. Physical comfort

**Impaired comfort (00214)**

**Readiness for enhanced comfort (00183)**

Nausea (00134)

Acute pain (00132)

**Chronic pain (00133)**


Irving, D., Cook, J., Young, M., & Menz, H. (2007). Obesity and pronated foot type may increase the risk of chronic plantar heel pain: a matched case-control study. BMC Musculoskeletal Disorders, 8(1), 41.


Supplemental Reference List


Chronic pain syndrome (00255)


Allen SA, Dal Grande E, Abernethy AP, Currow DC. Two colliding epidemics—obesity is independently associated with chronic pain interfering with activities of daily living in adults 18 years and over; a cross-sectional, population-based study. BMC public health. 2016;16(1), 1034.

Amy EA, Kozak AT. “The more pain I have, the more I want to eat”: obesity in the context of chronic pain. Obesity. 2012;20(10), 2027–2034.


Leder, D. Coping with chronic pain, illness and incarceration: what patients and prisoners have to teach each other (and all of us). Medical humanities. 2018;44(2), 113–119.


Paley C, Johnson MI. Chronic pain in the obese population: is exercise the key?. 2016.


Stubbs B, Schofield P, Patchay S. Mobility limitations and fall-related factors contribute to the reduced health-related quality of life in older adults with chronic musculoskeletal pain. Pain Practice. 2016;16(1), 80–89.


Wolf LD, Davis MC. Loneliness, daily pain, and perceptions of interpersonal events in adults with fibromyalgia. Health Psychology. 2014;33(9), 929


**Labor pain (00256)**


### 12.2 Class 2. Environmental comfort

**Impaired comfort (00214)**


ffects of guided imagery on comfort of women with early-stage breast cancer going through radiation therapy. Oncology Nursing Forum, 26(1), 67–71.


**Readiness for enhanced comfort (00183)**


**12.3 Class 3. Social comfort**

**Impaired comfort (00214)**


Risk for loneliness (00054)

Social isolation (00053)
RW Smith et al., Social isolation in relation to vascular disease incidence and mortality among 325,000 UK women; a prospective cohort study. J Epidemiol Community Health, 2018


13 Domain 13. Growth/development

13.1 Class 1. Growth
This class does not currently contain any diagnoses

13.2 Class 2. Development
Delayed child development (00314)


Risk for delayed child development (00305)


**Delayed infant motor development (00315)**


**Risk for delayed infant motor development (00316)**


