

PAMC Malnutrition Coding Guidelines

Diagnosis

- Severe Protein-Calorie Malnutrition
ICD-10 E43 (ICD 9 262) Other severe, protein-calorie malnutrition
- Moderate (non-severe) Malnutrition
ICD-10 E44 (ICD-9, 263) Malnutrition of moderate degree

Possible Etiologies for Malnutrition- (choose one per pt)

Acute- critical illness, major infection/sepsis, ARDS, SIRS, severe burns, major abdominal surgery, multitrauma, CHI

Chronic- CVD, CHF, CF, IBD, celiac disease, chronic pancreatitis, RA, COPD, solid tumors, hematologic malignancies, DM, sarcopenic obesity, metabolic syndrome, pressure wounds, neuromuscular disease, dementia, organ failure/transplant

Social/Environmental- anorexia nervosa, major depression

Determining Diagnosis: (total from both Etiology table and physical assessment tables)

Moderate Category	Severe Category	Diagnosis
0	0	No malnutrition identified
1	0	No malnutrition identified
0	1	No malnutrition identified
≥ 1	1	Moderate malnutrition
≥ 2	0	Moderate malnutrition
NA	≥ 2	Severe protein- calorie malnutrition

Acute Illness

Characteristics	Non-severe/ Moderate	Severe
Insufficient Energy Intake	≤75% for ≥ 1 week	≤ 50% for ≥ 5 days
Unintentional Weight Loss	1-2% in 1 week 5% in 1 month 7.5% in 3 months	>2% in 1 week >5% in 1 month >7.5% in 3 months
Loss of Subcutaneous Fat	Mild loss of subcutaneous fat (orbital, triceps, ribcage)	Moderate loss of subcutaneous fat (orbital, triceps, ribcage)
Loss of Muscle Mass	Mild muscle wasting Of temples, clavicles, shoulders, hands, scapula, thigh, calf	Moderate muscle wasting Of temples, clavicles, shoulders, hands, scapula, thigh, calf
Fluid Accumulation	Mild generalized or localized fluid collection	Moderate generalized or localized fluid collection
Diminished Functional Capacity	No change	Decline in physiological function

Chronic Illness

Characteristics	Non-severe/ Moderate	Severe
Insufficient Energy Intake	<75% for ≥ 1 month	≤ 75% for ≥ 1 month
Unintentional Weight Loss	5% in 1 month 7.5% in 3 months 10% in 6 months 20% in 1 year	>5% in 1 month >7.5% in 3 months >10% in 6 months >20% in 1 year
Loss of Subcutaneous Fat	Mild loss of subcutaneous fat (orbital, triceps, ribcage)	Severe loss of subcutaneous fat (orbital, triceps, ribcage)
Loss of Muscle Mass	Mild muscle wasting Of temples, clavicles, shoulders, hands, scapula, thigh, calf	Severe muscle wasting Of temples, clavicles, shoulders, hands, scapula, thigh, calf
Fluid Accumulation	Mild generalized or localized fluid collection	Severe generalized or localized fluid collection
Diminished Functional Capacity	No change	Decline in physiological function

Social/Environmental

Characteristics	Non-severe/ Moderate	Severe
Insufficient Energy Intake	<75% for ≥ 3 month	≤ 50% for ≥ 1 month
Unintentional Weight Loss	5% in 1 month 7.5% in 3 months 10% in 6 months 20% in 1 year	>5% in 1 month >7.5% in 3 months >10% in 6 months >20% in 1 year
Loss of Subcutaneous Fat	Mild loss of subcutaneous fat (orbital, triceps, ribcage)	Severe loss of subcutaneous fat (orbital, triceps, ribcage)
Loss of Muscle Mass	Mild muscle wasting Of temples, clavicles, shoulders, hands, scapula, thigh, calf	Severe muscle wasting Of temples, clavicles, shoulders, hands, scapula, thigh, calf
Fluid Accumulation	Mild generalized or localized fluid collection	Severe generalized or localized fluid collection
Diminished Functional Capacity	No change	Decline in physiological function

Nutrition Focused Physical Examination - Muscle

Area (Muscle)	Normal	Mild-Moderate	Severe
Temples (Temporalis)	Well defined muscle/flat	Slight depression	Hollow
Clavicles (Pectoralis)	Men- clavicle not visible; Women-may be visible, but not prominent	Some protrusion of clavicle	Clavicle protruding; prominent
Shoulders (Deltoids)	Rounded	Non-square, acromion process may slightly protrude	Square look, bones prominent
Scapula (Latissimus dorsi, trapezius)	Bones not prominent	Bones may show slightly	Bones prominent; significant depressions
Thigh (Quadriceps)	Well rounded/ no depressions	Mild depression	Depressed/ thin
Calf (Gastrocnemius)	Well developed		Thin – no definition of muscles
Hand (Interosseous)	Muscle protrudes		Flat or depressed

Nutrition Focused Physical Examination – Fat

Area	Normal	Mild-Moderate	Severe
Orbital	Slight bulge under eye		Hollowed, depressed, dark circles
Triceps	Large space between fingers when pinching		Little space between fingers when pinching
Ribcage	Ribs do not show	Ribs visible, depressions between then less pronounced	Depression between ribs very pronounced

Nutrition Focused Physical Examination – Fluid

Edema 1 - 2 + = Mild/ Moderate

Edema 3 – 4 + = Severe