

Vacuum-Assisted Wound Closure

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Definition

Negative-pressure wound therapy (NPWT), or vacuum-assisted wound closure (VAC), is the controlled application of negative pressure to a wound with an electrical pump that intermittently or continuously conveys negative pressure through connective tubing to a specialized wound dressing. A resilient, open-cell, foam surface dressing, sealed with an occlusive dressing, contains the negative pressure at the wound site, thus promoting healing. The healing is associated with the removal of excess interstitial fluid, increased vascularity, decreased bacterial colonization and the stimulation of healthy tissue growth by drawing the edges of the wound toward the center. Lightweight versions may be used in the inpatient or outpatient settings.

Wound Documentation

For the initiation and continuation of NPWT, the following documentation, inclusive of original color photographs with date, time and member name must be provided to the Plan upon request:

1. Appearance — color, odor, presence of granulation tissue, necrosis
2. Exudates — color, amount, odor
3. Location
4. Size — recorded measurement should be done each time the VAC is changed and should include a detailed wound description

Guideline

Members with the DME benefit are eligible for NPWT when the following criteria per wound type are met (see [Table 1](#) for pressure ulcer staging):

Presence of a chronic stage III or IV pressure ulcer; a neuropathic (e.g., diabetic) ulcer; an ulcer with venous or arterial insufficiency etiology; or a chronic ulcer (presence \geq 30 days) of mixed etiology

Note: The 30-day waiting period is waived for members with seronegative arthropathies and connective tissue disorder comorbidities in conjunction with acute wounds (as the presence of these disorders can inhibit the normal healing process)

1. A complete wound therapy program applicable to the type of wound has been ruled out, or attempted unsuccessfully, prior to NPWT initiation

For all wounds, a wound therapy program must include a minimum of all the following general measures:

- a. Determination of etiology and prior appropriate treatment of such
- b. Documentation of wound (see [Wound Documentation](#) p. 1)
- c. Application of dressings to ensure wound moisture
- d. Debridement of necrotic tissue, as appropriate
- e. Evaluation of, and provision for, adequate nutritional status
- f. Documentation of wound onset date

Therapy programs for the following wound types require these additional measures:

Stage III and IV pressure ulcers

- a. Appropriate turning and repositioning
- b. Prior use of a group 2 or 3 support surface for posterior trunk or pelvis pressure ulcers (not a prerequisite for alternate wound sites)¹
- c. Appropriate treatment of moisture and incontinence

Neuropathic ulcers²

- a. Comprehensive diabetes management program
- b. Foot-ulcer pressure reduction with contact casting or other method of pressure relief (e.g., Bledsoe boot), unless contraindicated, with the foot well vascularized.

Venous insufficiency ulcers

- a. Compression bandages or garments (e.g., Unna boot), unless contraindicated, have been applied
- b. Leg elevation and ambulation have been documented
- c. Maximal therapy for edema and swelling for \geq 30 days prior to initiation of VAC

¹ Types of pressure-reducing support surfaces per Medicare's Durable Medical Equipment Regional Carrier policies (listing of item does not necessarily indicate coverage):

Group 2 — Powered air flotation bed (low-air-loss therapy); powered, pressure-reducing air mattress; non-powered, advanced, pressure-reducing overlay for mattress, standard mattress length and width; powered air overlay for mattress, standard mattress length and width; non-powered, advanced, pressure-reducing mattress.

Group 3 — Air-fluidized bed.

² Appropriate modalities must include a therapeutic device for off-loading. Lack of weight bearing alone does not meet this criterion.

Ulcers and wounds encountered in an inpatient setting

- a. VAC therapy initiated per the judgment of the treating physician as the best available treatment option
 - b. Complication of a surgically created wound (i.e., dehiscence), or a traumatic wound where there is documentation substantiating the medical necessity for accelerated formation of granulation tissue that cannot be achieved by other available topical wound treatments
2. The ongoing wound care is performed by a licensed health care provider and there is at least monthly documentation of wound characteristics (see [Wound Documentation](#) p. 1)
 3. The recorded wound measurement demonstrates progressive wound healing without intervening complications from month to month
 4. Skin grafts
 - a. Comprehensive wound therapy
 - b. Adequate granulation bed

Limitations/Exclusions

1. The SNaP® Wound Care System is not considered medically necessary, as there is insufficient evidence of therapeutic value.
2. NPWT is not considered medically necessary if the above criteria have not been met, or in the presence of any of the following:
 - a. Cancer in the wound
 - b. Necrotic tissue with eschar
 - c. Untreated osteomyelitis within the vicinity of the wound
 - d. Fistula to an organ or body cavity within the vicinity of the wound
3. NPWT continuation — the majority of patients with stage III and IV ulcers achieve sufficient wound closure within 6 weeks of therapy. While coverage for > 4 months is generally not considered medically necessary, individual consideration will be given based upon required additional documentation. (See [Wound Documentation](#) p. 1)
4. NPWT discontinuation — May be discontinued when the following are applicable:
 - a. Physician performs serial débridements (3–4x) within 90 days
 - b. Failure of any measurable degree of wound healing within prior month. (Grafts should heal in 7 days; no later than 1-month)
 - c. There must be documentation of quantitative measurements of wound characteristics (see [Wound Documentation](#) p. 1) over a specified time interval. The recorded wound measurements must be consistently and regularly updated and must demonstrate progressive wound healing from month to month
 - d. No further changes in depth of wound
 - e. Member is non-compliant
 - f. Presence of sloughing > 20%
 - g. No full thickness present

Table 1 — Pressure Ulcer Staging

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| Stage I Pressure Injury | <p>Non-blanchable erythema of intact skin</p> <p>Intact skin with a localized area of non-blanchable erythema, which may appear differently in darkly pigmented skin. Presence of blanchable erythema or changes in sensation, temperature, or firmness may precede visual changes. Color changes do not include purple or maroon discoloration; these may indicate deep tissue pressure injury.</p> |
| Stage II Pressure Injury | <p>Partial-thickness skin loss with exposed dermis Partial-thickness loss of skin with exposed dermis.</p> <p>The wound bed is viable, pink or red, moist, and may also present as an intact or ruptured serum-filled blister. Adipose (fat) is not visible and deeper tissues are not visible. Granulation tissue, slough and eschar are not present. These injuries commonly result from adverse microclimate and shear in the skin over the pelvis and shear in the heel. This stage should not be used to describe moisture associated skin damage (MASD) including incontinence associated dermatitis (IAD), intertriginous dermatitis (ITD), medical adhesive related skin injury (MARS), or traumatic wounds (skin tears, burns, abrasions).</p> |
| Stage III Pressure Injury | <p>Full-thickness skin loss</p> <p>Full-thickness loss of skin, in which adipose (fat) is visible in the ulcer and granulation tissue and epibole (rolled wound edges) are often present. Slough and/or eschar may be visible. The depth of tissue damage varies by anatomical location; areas of significant adiposity can develop deep wounds. Undermining and tunneling may occur. Fascia, muscle, tendon, ligament, cartilage and/or bone are not exposed. If slough or eschar obscures the extent of tissue loss this is an Unstageable Pressure Injury.</p> |
| Stage IV Pressure Injury | <p>Full-thickness skin and tissue loss</p> <p>Full-thickness skin and tissue loss with exposed or directly palpable fascia, muscle, tendon, ligament, cartilage or bone in the ulcer. Slough and/or eschar may be visible. Epibole (rolled edges), undermining and/or tunneling often occur. Depth varies by anatomical location. If slough or eschar obscures the extent of tissue loss this is an Unstageable Pressure Injury.</p> |
| Unstageable Pressure Injury | <p>Obscured full-thickness skin and tissue loss</p> <p>Full-thickness skin and tissue loss in which the extent of tissue damage within the ulcer cannot be confirmed because it is obscured by slough or eschar. If slough or eschar is removed, a Stage 3 or Stage 4 pressure injury will be revealed. Stable eschar (i.e. dry, adherent, intact without erythema or fluctuance) on the heel or ischemic limb should not be softened or removed.</p> |
| Deep Tissue Pressure Injury (DPTI) | <p>Persistent non-blanchable deep red, maroon or purple discoloration</p> <p>Intact or non-intact skin with localized area of persistent non-blanchable deep red, maroon, purple discoloration or epidermal separation revealing a dark wound bed or blood filled blister. Pain and temperature change often precede skin color changes. Discoloration may appear differently in darkly pigmented skin. This injury results from intense and/or prolonged pressure and shear forces at the bone-muscle interface. The wound may evolve rapidly to reveal the actual extent of tissue injury, or may resolve without tissue loss. If necrotic tissue, subcutaneous tissue, granulation tissue, fascia, muscle or other underlying structures are visible, this indicates a full thickness pressure injury (Unstageable, Stage 3 or Stage 4). Do not use DTPI to describe vascular, traumatic, neuropathic, or dermatologic conditions.</p> |

Revision History

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| Apr. 9, 2021 | Added skin grafts as covered indication. |
| Feb. 10, 2017 | Waived 30-day waiting period for members with seronegative arthropathies and connective tissue disorder comorbidities in conjunction with acute wounds. |

Applicable Procedure Codes

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| 97605 | Negative pressure wound therapy (eg, vacuum assisted drainage collection), including topical application(s), wound assessment, and instruction(s) for ongoing care, per session; total wound(s) surface area less than or equal to 50 square centimeters |
| 97606 | Negative pressure wound therapy (eg, vacuum assisted drainage collection), including topical application(s), wound assessment, and instruction(s) for ongoing care, per session; total wound(s) surface area greater than 50 square centimeters |
| 97607 | Negative pressure wound therapy, (eg, vacuum assisted drainage collection), utilizing disposable, non-durable medical equipment including provision of exudate management collection system, topical application(s), wound assessment, and instructions for ongoing care, per session; total wound(s) surface area less than or equal to 50 square centimeters |
| 97608 | Negative pressure wound therapy, (eg, vacuum assisted drainage collection), utilizing disposable, non-durable medical equipment including provision of exudate management collection system, topical application(s), wound assessment, and instructions for ongoing care, per session; total wound(s) surface area greater than 50 square centimeters |
| A6550 | Wound care set, for negative pressure wound therapy electrical pump, includes all supplies and accessories |
| A9272 | Wound suction, disposable, includes dressing, all accessories and components, any type, each |
| E2402 | Negative pressure wound therapy electrical pump, stationary or portable |
| K0743 | Suction pump, home model, portable, for use on wounds |
| K0744 | Absorptive wound dressing for use with suction pump, home model, portable, pad size 16 sq in or less Effective date |
| K0745 | Absorptive wound dressing for use with suction pump, home model, portable, pad size more than 16 sq in but less than or equal to 48 sq in. |
| K0746 | Absorptive wound dressing for use with suction pump, home model, portable, pad size greater than 48 sq in Effective |

Applicable ICD-10 Diagnosis Codes

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| E08.621 | Diabetes mellitus due to underlying condition with foot ulcer |
| E08.622 | Diabetes mellitus due to underlying condition with other skin ulcer |
| E09.621 | Drug or chemical induced diabetes mellitus with foot ulcer |
| E09.622 | Drug or chemical induced diabetes mellitus with other skin ulcer |
| E10.621 | Type 1 diabetes mellitus with foot ulcer |
| E10.622 | Type 1 diabetes mellitus with other skin ulcer |
| E11.621 | Type 2 diabetes mellitus with foot ulcer |
| E11.622 | Type 2 diabetes mellitus with other skin ulcer |
| E13.621 | Other specified diabetes mellitus with foot ulcer |
| E13.622 | Other specified diabetes mellitus with other skin ulcer |
| L89.003 | Pressure ulcer of unspecified elbow, stage 3 |
| L89.004 | Pressure ulcer of unspecified elbow, stage 4 |

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| L89.006 | Pressure-induced deep tissue damage of unspecified elbow |
| L89.013 | Pressure ulcer of right elbow, stage 3 |
| L89.014 | Pressure ulcer of right elbow, stage 4 |
| L89.016 | Pressure-induced deep tissue damage of right elbow |
| L89.023 | Pressure ulcer of left elbow, stage 3 |
| L89.024 | Pressure ulcer of left elbow, stage 4 |
| L89.026 | Pressure-induced deep tissue damage of left elbow (|
| L89.103 | Pressure ulcer of unspecified part of back, stage 3 |
| L89.104 | Pressure ulcer of unspecified part of back, stage 4 |
| L89.106 | Pressure-induced deep tissue damage of unspecified part of back |
| L89.113 | Pressure ulcer of right upper back, stage 3 |
| L89.114 | Pressure ulcer of right upper back, stage 4 |
| L89.116 | Pressure-induced deep tissue damage of right upper back |
| L89.123 | Pressure ulcer of left upper back, stage 3 |
| L89.124 | Pressure ulcer of left upper back, stage 4 |
| L89.126 | Pressure-induced deep tissue damage of left upper back |
| L89.133 | Pressure ulcer of right lower back, stage 3 |
| L89.134 | Pressure ulcer of right lower back, stage 4 |
| L89.136 | Pressure-induced deep tissue damage of right lower back |
| L89.143 | Pressure ulcer of left lower back, stage 3 |
| L89.144 | Pressure ulcer of left lower back, stage 4 |
| L89.146 | Pressure-induced deep tissue damage of left lower back |
| L89.153 | Pressure ulcer of sacral region, stage 3 |
| L89.154 | Pressure ulcer of sacral region, stage 4 |
| L89.156 | Pressure-induced deep tissue damage of sacral region |
| L89.203 | Pressure ulcer of unspecified hip, stage 3 |
| L89.204 | Pressure ulcer of unspecified hip, stage 4 |
| L89.206 | Pressure-induced deep tissue damage of unspecified hip |
| L89.213 | Pressure ulcer of right hip, stage 3 |
| L89.214 | Pressure ulcer of right hip, stage 4 |
| L89.216 | Pressure-induced deep tissue damage of right hip |
| L89.223 | Pressure ulcer of left hip, stage 3 |
| L89.224 | Pressure ulcer of left hip, stage 4 |
| L89.226 | Pressure-induced deep tissue damage of left hip |
| L89.303 | Pressure ulcer of unspecified buttock, stage 3 |
| L89.304 | Pressure ulcer of unspecified buttock, stage 4 |
| L89.306 | Pressure-induced deep tissue damage of unspecified buttock |
| L89.313 | Pressure ulcer of right buttock, stage 3 |
| L89.314 | Pressure ulcer of right buttock, stage 4 |
| L89.316 | Pressure-induced deep tissue damage of right buttock |
| L89.323 | Pressure ulcer of left buttock, stage 3 |
| L89.324 | Pressure ulcer of left buttock, stage 4 |

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| L89.326 | Pressure-induced deep tissue damage of left buttock |
| L89.43 | Pressure ulcer of contiguous site of back, buttock and hip, stage 3 |
| L89.44 | Pressure ulcer of contiguous site of back, buttock and hip, stage 4 |
| L89.46 | Pressure-induced deep tissue damage of contiguous site of back, buttock and hip |
| L89.503 | Pressure ulcer of unspecified ankle, stage 3 |
| L89.504 | Pressure ulcer of unspecified ankle, stage 4 |
| L89.506 | Pressure-induced deep tissue damage of unspecified ankle |
| L89.513 | Pressure ulcer of right ankle, stage 3 |
| L89.514 | Pressure ulcer of right ankle, stage 4 |
| L89.516 | Pressure-induced deep tissue damage of right ankle |
| L89.523 | Pressure ulcer of left ankle, stage 3 |
| L89.524 | Pressure ulcer of left ankle, stage 4 |
| L89.526 | Pressure-induced deep tissue damage of left ankle |
| L89.603 | Pressure ulcer of unspecified heel, stage 3 |
| L89.604 | Pressure ulcer of unspecified heel, stage 4 |
| L89.606 | Pressure-induced deep tissue damage of unspecified heel |
| L89.613 | Pressure ulcer of right heel, stage 3 |
| L89.614 | Pressure ulcer of right heel, stage 4 |
| L89.616 | Pressure-induced deep tissue damage of right heel |
| L89.623 | Pressure ulcer of left heel, stage 3 |
| L89.624 | Pressure ulcer of left heel, stage 4 |
| L89.626 | Pressure-induced deep tissue damage of left heel |
| L89.813 | Pressure ulcer of head, stage 3 |
| L89.814 | Pressure ulcer of head, stage 4 |
| L89.816 | Pressure-induced deep tissue damage of head |
| L89.893 | Pressure ulcer of other site, stage 3 |
| L89.894 | Pressure ulcer of other site, stage 4 |
| L89.896 | Pressure-induced deep tissue damage of other site |
| L89.93 | Pressure ulcer of unspecified site, stage 3 |
| L89.94 | Pressure ulcer of unspecified site, stage 4 |
| L89.96 | Pressure-induced deep tissue damage of unspecified site |
| L97.101 | Non-pressure chronic ulcer of unspecified thigh limited to breakdown of skin |
| L97.102 | Non-pressure chronic ulcer of unspecified thigh with fat layer exposed |
| L97.103 | Non-pressure chronic ulcer of unspecified thigh with necrosis of muscle |
| L97.104 | Non-pressure chronic ulcer of unspecified thigh with necrosis of bone |
| L97.105 | Non-pressure chronic ulcer of unspecified thigh with muscle involvement without evidence of necrosis |
| L97.106 | Non-pressure chronic ulcer of unspecified thigh with bone involvement without evidence of necrosis |
| L97.108 | Non-pressure chronic ulcer of unspecified thigh with other specified severity |
| L97.109 | Non-pressure chronic ulcer of unspecified thigh with unspecified severity |
| L97.111 | Non-pressure chronic ulcer of right thigh limited to breakdown of skin |
| L97.112 | Non-pressure chronic ulcer of right thigh with fat layer exposed |
| L97.113 | Non-pressure chronic ulcer of right thigh with necrosis of muscle |

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| L97.114 | Non-pressure chronic ulcer of right thigh with necrosis of bone |
| L97.115 | Non-pressure chronic ulcer of right thigh with muscle involvement without evidence of necrosis |
| L97.116 | Non-pressure chronic ulcer of right thigh with bone involvement without evidence of necrosis |
| L97.118 | Non-pressure chronic ulcer of right thigh with other specified severity |
| L97.119 | Non-pressure chronic ulcer of right thigh with unspecified severity |
| L97.121 | Non-pressure chronic ulcer of left thigh limited to breakdown of skin |
| L97.122 | Non-pressure chronic ulcer of left thigh with fat layer exposed |
| L97.123 | Non-pressure chronic ulcer of left thigh with necrosis of muscle |
| L97.124 | Non-pressure chronic ulcer of left thigh with necrosis of bone |
| L97.125 | Non-pressure chronic ulcer of left thigh with muscle involvement without evidence of necrosis |
| L97.126 | Non-pressure chronic ulcer of left thigh with bone involvement without evidence of necrosis |
| L97.128 | Non-pressure chronic ulcer of left thigh with other specified severity |
| L97.129 | Non-pressure chronic ulcer of left thigh with unspecified severity |
| L97.201 | Non-pressure chronic ulcer of unspecified calf limited to breakdown of skin |
| L97.202 | Non-pressure chronic ulcer of unspecified calf with fat layer exposed |
| L97.203 | Non-pressure chronic ulcer of unspecified calf with necrosis of muscle |
| L97.204 | Non-pressure chronic ulcer of unspecified calf with necrosis of bone |
| L97.205 | Non-pressure chronic ulcer of unspecified calf with muscle involvement without evidence of necrosis |
| L97.206 | Non-pressure chronic ulcer of unspecified calf with bone involvement without evidence of necrosis |
| L97.208 | Non-pressure chronic ulcer of unspecified calf with other specified severity |
| L97.209 | Non-pressure chronic ulcer of unspecified calf with unspecified severity |
| L97.211 | Non-pressure chronic ulcer of right calf limited to breakdown of skin |
| L97.212 | Non-pressure chronic ulcer of right calf with fat layer exposed |
| L97.213 | Non-pressure chronic ulcer of right calf with necrosis of muscle |
| L97.214 | Non-pressure chronic ulcer of right calf with necrosis of bone |
| L97.215 | Non-pressure chronic ulcer of right calf with muscle involvement without evidence of necrosis |
| L97.216 | Non-pressure chronic ulcer of right calf with bone involvement without evidence of necrosis |
| L97.218 | Non-pressure chronic ulcer of right calf with other specified severity |
| L97.219 | Non-pressure chronic ulcer of right calf with unspecified severity |
| L97.221 | Non-pressure chronic ulcer of left calf limited to breakdown of skin |
| L97.222 | Non-pressure chronic ulcer of left calf with fat layer exposed |
| L97.223 | Non-pressure chronic ulcer of left calf with necrosis of muscle |
| L97.224 | Non-pressure chronic ulcer of left calf with necrosis of bone |
| L97.225 | Non-pressure chronic ulcer of left calf with muscle involvement without evidence of necrosis |
| L97.226 | Non-pressure chronic ulcer of left calf with bone involvement without evidence of necrosis |
| L97.228 | Non-pressure chronic ulcer of left calf with other specified severity |
| L97.229 | Non-pressure chronic ulcer of left calf with unspecified severity |
| L97.301 | Non-pressure chronic ulcer of unspecified ankle limited to breakdown of skin |
| L97.302 | Non-pressure chronic ulcer of unspecified ankle with fat layer exposed |
| L97.303 | Non-pressure chronic ulcer of unspecified ankle with necrosis of muscle |
| L97.304 | Non-pressure chronic ulcer of unspecified ankle with necrosis of bone |
| L97.305 | Non-pressure chronic ulcer of unspecified ankle with muscle involvement without evidence of necrosis |

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| L97.306 | Non-pressure chronic ulcer of unspecified ankle with bone involvement without evidence of necrosis |
| L97.308 | Non-pressure chronic ulcer of unspecified ankle with other specified severity |
| L97.309 | Non-pressure chronic ulcer of unspecified ankle with unspecified severity |
| L97.311 | Non-pressure chronic ulcer of right ankle limited to breakdown of skin |
| L97.312 | Non-pressure chronic ulcer of right ankle with fat layer exposed |
| L97.313 | Non-pressure chronic ulcer of right ankle with necrosis of muscle |
| L97.314 | Non-pressure chronic ulcer of right ankle with necrosis of bone |
| L97.315 | Non-pressure chronic ulcer of right ankle with muscle involvement without evidence of necrosis |
| L97.316 | Non-pressure chronic ulcer of right ankle with bone involvement without evidence of necrosis |
| L97.318 | Non-pressure chronic ulcer of right ankle with other specified severity |
| L97.319 | Non-pressure chronic ulcer of right ankle with unspecified severity |
| L97.321 | Non-pressure chronic ulcer of left ankle limited to breakdown of skin |
| L97.322 | Non-pressure chronic ulcer of left ankle with fat layer exposed |
| L97.323 | Non-pressure chronic ulcer of left ankle with necrosis of muscle |
| L97.324 | Non-pressure chronic ulcer of left ankle with necrosis of bone |
| L97.325 | Non-pressure chronic ulcer of left ankle with muscle involvement without evidence of necrosis |
| L97.326 | Non-pressure chronic ulcer of left ankle with bone involvement without evidence of necrosis |
| L97.328 | Non-pressure chronic ulcer of left ankle with other specified severity |
| L97.329 | Non-pressure chronic ulcer of left ankle with unspecified severity |
| L97.401 | Non-pressure chronic ulcer of unspecified heel and midfoot limited to breakdown of skin |
| L97.402 | Non-pressure chronic ulcer of unspecified heel and midfoot with fat layer exposed |
| L97.403 | Non-pressure chronic ulcer of unspecified heel and midfoot with necrosis of muscle |
| L97.404 | Non-pressure chronic ulcer of unspecified heel and midfoot with necrosis of bone |
| L97.405 | Non-pressure chronic ulcer of unspecified heel and midfoot with muscle involvement without evidence of necrosis |
| L97.406 | Non-pressure chronic ulcer of unspecified heel and midfoot with bone involvement without evidence of necrosis |
| L97.408 | Non-pressure chronic ulcer of unspecified heel and midfoot with other specified severity |
| L97.409 | Non-pressure chronic ulcer of unspecified heel and midfoot with unspecified severity |
| L97.411 | Non-pressure chronic ulcer of right heel and midfoot limited to breakdown of skin |
| L97.412 | Non-pressure chronic ulcer of right heel and midfoot with fat layer exposed |
| L97.413 | Non-pressure chronic ulcer of right heel and midfoot with necrosis of muscle |
| L97.414 | Non-pressure chronic ulcer of right heel and midfoot with necrosis of bone |
| L97.419 | Non-pressure chronic ulcer of right heel and midfoot with unspecified severity |
| L97.421 | Non-pressure chronic ulcer of left heel and midfoot limited to breakdown of skin |
| L97.422 | Non-pressure chronic ulcer of left heel and midfoot with fat layer exposed |
| L97.423 | Non-pressure chronic ulcer of left heel and midfoot with necrosis of muscle |
| L97.424 | Non-pressure chronic ulcer of left heel and midfoot with necrosis of bone |
| L97.429 | Non-pressure chronic ulcer of left heel and midfoot with unspecified severity |
| L97.501 | Non-pressure chronic ulcer of other part of unspecified foot limited to breakdown of skin |
| L97.502 | Non-pressure chronic ulcer of other part of unspecified foot with fat layer exposed |
| L97.503 | Non-pressure chronic ulcer of other part of unspecified foot with necrosis of muscle |
| L97.504 | Non-pressure chronic ulcer of other part of unspecified foot with necrosis of bone |

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| L97.509 | Non-pressure chronic ulcer of other part of unspecified foot with unspecified severity |
| L97.511 | Non-pressure chronic ulcer of other part of right foot limited to breakdown of skin |
| L97.512 | Non-pressure chronic ulcer of other part of right foot with fat layer exposed |
| L97.513 | Non-pressure chronic ulcer of other part of right foot with necrosis of muscle |
| L97.514 | Non-pressure chronic ulcer of other part of right foot with necrosis of bone |
| L97.519 | Non-pressure chronic ulcer of other part of right foot with unspecified severity |
| L97.521 | Non-pressure chronic ulcer of other part of left foot limited to breakdown of skin |
| L97.522 | Non-pressure chronic ulcer of other part of left foot with fat layer exposed |
| L97.523 | Non-pressure chronic ulcer of other part of left foot with necrosis of muscle |
| L97.524 | Non-pressure chronic ulcer of other part of left foot with necrosis of bone |
| L97.529 | Non-pressure chronic ulcer of other part of left foot with unspecified severity |
| L97.801 | Non-pressure chronic ulcer of other part of unspecified lower leg limited to breakdown of skin |
| L97.802 | Non-pressure chronic ulcer of other part of unspecified lower leg with fat layer exposed |
| L97.803 | Non-pressure chronic ulcer of other part of unspecified lower leg with necrosis of muscle |
| L97.804 | Non-pressure chronic ulcer of other part of unspecified lower leg with necrosis of bone |
| L97.809 | Non-pressure chronic ulcer of other part of unspecified lower leg with unspecified severity |
| L97.811 | Non-pressure chronic ulcer of other part of right lower leg limited to breakdown of skin |
| L97.812 | Non-pressure chronic ulcer of other part of right lower leg with fat layer exposed |
| L97.813 | Non-pressure chronic ulcer of other part of right lower leg with necrosis of muscle |
| L97.814 | Non-pressure chronic ulcer of other part of right lower leg with necrosis of bone |
| L97.819 | Non-pressure chronic ulcer of other part of right lower leg with unspecified severity |
| L97.821 | Non-pressure chronic ulcer of other part of left lower leg limited to breakdown of skin |
| L97.822 | Non-pressure chronic ulcer of other part of left lower leg with fat layer exposed |
| L97.823 | Non-pressure chronic ulcer of other part of left lower leg with necrosis of muscle |
| L97.824 | Non-pressure chronic ulcer of other part of left lower leg with necrosis of bone |
| L97.829 | Non-pressure chronic ulcer of other part of left lower leg with unspecified severity |
| L97.901 | Non-pressure chronic ulcer of unspecified part of unspecified lower leg limited to breakdown of skin |
| L97.902 | Non-pressure chronic ulcer of unspecified part of unspecified lower leg with fat layer exposed |
| L97.903 | Non-pressure chronic ulcer of unspecified part of unspecified lower leg with necrosis of muscle |
| L97.904 | Non-pressure chronic ulcer of unspecified part of unspecified lower leg with necrosis of bone |
| L97.909 | Non-pressure chronic ulcer of unspecified part of unspecified lower leg with unspecified severity |
| L97.911 | Non-pressure chronic ulcer of unspecified part of right lower leg limited to breakdown of skin |
| L97.912 | Non-pressure chronic ulcer of unspecified part of right lower leg with fat layer exposed |
| L97.913 | Non-pressure chronic ulcer of unspecified part of right lower leg with necrosis of muscle |
| L97.914 | Non-pressure chronic ulcer of unspecified part of right lower leg with necrosis of bone |
| L97.919 | Non-pressure chronic ulcer of unspecified part of right lower leg with unspecified severity |
| L97.921 | Non-pressure chronic ulcer of unspecified part of left lower leg limited to breakdown of skin |
| L97.922 | Non-pressure chronic ulcer of unspecified part of left lower leg with fat layer exposed |
| L97.923 | Non-pressure chronic ulcer of unspecified part of left lower leg with necrosis of muscle |
| L97.924 | Non-pressure chronic ulcer of unspecified part of left lower leg with necrosis of bone |
| L97.929 | Non-pressure chronic ulcer of unspecified part of left lower leg with unspecified severity |
| L98.411 | Non-pressure chronic ulcer of buttock limited to breakdown of skin |

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| L98.412 | Non-pressure chronic ulcer of buttock with fat layer exposed |
| L98.413 | Non-pressure chronic ulcer of buttock with necrosis of muscle |
| L98.414 | Non-pressure chronic ulcer of buttock with necrosis of bone |
| L98.419 | Non-pressure chronic ulcer of buttock with unspecified severity |
| L98.421 | Non-pressure chronic ulcer of back limited to breakdown of skin |
| L98.422 | Non-pressure chronic ulcer of back with fat layer exposed |
| L98.423 | Non-pressure chronic ulcer of back with necrosis of muscle |
| L98.424 | Non-pressure chronic ulcer of back with necrosis of bone |
| L98.429 | Non-pressure chronic ulcer of back with unspecified severity |
| L98.491 | Non-pressure chronic ulcer of skin of other sites limited to breakdown of skin |
| L98.492 | Non-pressure chronic ulcer of skin of other sites with fat layer exposed |
| L98.493 | Non-pressure chronic ulcer of skin of other sites with necrosis of muscle |
| L98.494 | Non-pressure chronic ulcer of skin of other sites with necrosis of bone |
| L98.499 | Non-pressure chronic ulcer of skin of other sites with unspecified severity |
| T86.820 | Skin graft (allograft) rejection |
| T86.821 | Skin graft (allograft) (autograft) failure |
| T86.822 | Skin graft (allograft) (autograft) infection |
| T86.828 | Other complications of skin graft (allograft) (autograft) |
| T86.829 | Unspecified complication of skin graft (allograft) (autograft) |

References

Noridian Healthcare Solutions. LCD for Negative Pressure Wound Therapy Pumps. January 2020.
<https://www.cms.gov/medicare-coverage-database/details/lcd-details.aspx?lcdid=33821&ver=22&Keyword=negative%20pressure&KeywordLookUp=Title&KeywordSearchType=Exact&bc=CAAAAAAAAAAA>. Accessed April 12, 2022.

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