

Upper Extremity Myoelectric Prosthetic Devices (for North Carolina Only)

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[➔ Instructions for Use](#)

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- Related Policies**
- [Durable Medical Equipment, Orthotics, Medical Supplies, and Repairs/Replacements \(for North Carolina Only\)](#)
 - [Lower Extremity Prosthetics \(for North Carolina Only\)](#)
 - [Omnibus Codes \(for North Carolina Only\)](#)

Application

This Medical Policy only applies to the state of North Carolina.

Coverage Rationale

Indications for Coverage

Implantable devices/prostheses, such as artificial heart valves, are not prosthetics. If covered, these devices would be covered as a surgical service.

Prosthetic Devices

For medical necessity clinical coverage criteria, refer to the [North Carolina Medicaid \(Division of Health Benefits\) Clinical Coverage Policy for Medical Equipment, 5B, Orthotics & Prosthetics](#).

Servicing and Repairing Orthotic and Prosthetic Devices

For medical necessity clinical coverage criteria, refer to the [North Carolina Medicaid \(Division of Health Benefits\) Clinical Coverage Policy for Medical Equipment, 5B, Orthotics & Prosthetics](#).

Applicable Codes

The following list(s) of procedure and/or diagnosis codes is provided for reference purposes only and may not be all inclusive. Listing of a code in this policy does not imply that the service described by the code is a covered or non-covered health service. Benefit coverage for health services is determined by federal, state, or contractual requirements and applicable laws that may require coverage for a specific service. The inclusion of a code does not imply any right to reimbursement or guarantee claim payment. Other Policies and Guidelines may apply.

HCPCS Code	Description
L6000	Partial hand, thumb remaining
L6010	Partial hand, little and/or ring finger remaining
L6020	Partial hand, no finger remaining
L6026	Transcarpal/metacarpal or partial hand disarticulation prosthesis, external power, self-suspended, inner socket with removable forearm section, electrodes and cables, two batteries, charger, myoelectric control of terminal device, excludes terminal device(s)
L6026	Transcarpal/metacarpal or partial hand disarticulation prosthesis, external power, self-suspended, inner socket with removable forearm section, electrodes and cables, two batteries, charger, myoelectric control of terminal device, excludes terminal device(s)
L6050	Wrist disarticulation, molded socket, flexible elbow hinges, triceps pad
L6055	Wrist disarticulation, molded socket with expandable interface, flexible elbow hinges, triceps pad
L6100	Below elbow, molded socket, flexible elbow hinge, triceps pad
L6110	Below elbow, molded socket (Muenster or Northwestern suspension types)
L6120	Below elbow, molded double wall split socket, step-up hinges, half cuff
L6130	Below elbow, molded double wall split socket, stump activated locking hinge, half cuff
L6200	Elbow disarticulation, molded socket, outside locking hinge, forearm
L6205	Elbow disarticulation, molded socket with expandable interface, outside locking hinges, forearm
L6250	Above elbow, molded double wall socket, internal locking elbow, forearm
L6300	Shoulder disarticulation, molded socket, shoulder bulkhead, humeral section, internal locking elbow, forearm
L6310	Shoulder disarticulation, passive restoration (complete prosthesis)
L6320	Shoulder disarticulation, passive restoration (shoulder cap only)
L6350	Interscapular thoracic, molded socket, shoulder bulkhead, humeral section, internal locking elbow, forearm
L6360	Interscapular thoracic, passive restoration (complete prosthesis)
L6370	Interscapular thoracic, passive restoration (shoulder cap only)
L6380	Immediate postsurgical or early fitting, application of initial rigid dressing, including fitting alignment and suspension of components, and one cast change, wrist disarticulation or below elbow
L6382	Immediate postsurgical or early fitting, application of initial rigid dressing including fitting alignment and suspension of components, and one cast change, elbow disarticulation or above elbow
L6384	Immediate postsurgical or early fitting, application of initial rigid dressing including fitting alignment and suspension of components, and one cast change, shoulder disarticulation or interscapular thoracic
L6386	Immediate postsurgical or early fitting, each additional cast change and realignment
L6388	Immediate postsurgical or early fitting, application of rigid dressing only
L6400	Below elbow, molded socket, endoskeletal system, including soft prosthetic tissue shaping
L6450	Elbow disarticulation, molded socket, endoskeletal system, including soft prosthetic tissue shaping
L6500	Above elbow, molded socket, endoskeletal system, including soft prosthetic tissue shaping
L6550	Shoulder disarticulation, molded socket, endoskeletal system, including soft prosthetic tissue shaping
L6570	Interscapular thoracic, molded socket, endoskeletal system, including soft prosthetic tissue shaping
L6580	Preparatory, wrist disarticulation or below elbow, single wall plastic socket, friction wrist, flexible elbow hinges, figure of eight harness, humeral cuff, Bowden cable control, USMC or equal pylon, no cover, molded to patient model
L6582	Preparatory, wrist disarticulation or below elbow, single wall socket, friction wrist, flexible elbow hinges, figure of eight harness, humeral cuff, Bowden cable control, USMC or equal pylon, no cover, direct formed

HCPCS Code	Description
L6584	Preparatory, elbow disarticulation or above elbow, single wall plastic socket, friction wrist, locking elbow, figure of eight harness, fair lead cable control, USMC or equal pylon, no cover, molded to patient model
L6586	Preparatory, elbow disarticulation or above elbow, single wall socket, friction wrist, locking elbow, figure of eight harness, fair lead cable control, USMC or equal pylon, no cover, direct formed
L6588	Preparatory, shoulder disarticulation or interscapular thoracic, single wall plastic socket, shoulder joint, locking elbow, friction wrist, chest strap, fair lead cable control, USMC or equal pylon, no cover, molded to patient model
L6590	Preparatory, shoulder disarticulation or interscapular thoracic, single wall socket, shoulder joint, locking elbow, friction wrist, chest strap, fair lead cable control, USMC or equal pylon, no cover, direct formed
L6600	Upper extremity additions, polycentric hinge, pair
L6605	Upper extremity additions, single pivot hinge, pair
L6610	Upper extremity additions, flexible metal hinge, pair
L6611	Addition to upper extremity prosthesis, external powered, additional switch, any type
L6615	Upper extremity addition, disconnect locking wrist unit
L6616	Upper extremity addition, additional disconnect insert for locking wrist unit, each
L6620	Upper extremity addition, flexion/extension wrist unit, with or without friction
L6621	Upper extremity prosthesis addition, flexion/extension wrist with or without friction, for use with external powered terminal device
L6623	Upper extremity addition, spring assisted rotational wrist unit with latch release
L6624	Upper extremity addition, flexion/extension and rotation wrist unit
L6629	Upper extremity addition, quick disconnect lamination collar with coupling piece, otto bock or equal
L6632	Upper extremity addition, latex suspension sleeve, each
L6638	Upper extremity addition to prosthesis, electric locking feature, only for use with manually powered elbow
L6646	Upper extremity addition, shoulder joint, multi-positional locking, flexion, adjustable abduction friction control, for use with body powered or external powered system
L6677	Upper extremity addition, harness, triple control, simultaneous operation of terminal device and elbow
L6680	Upper extremity addition, test socket, wrist disarticulation or below elbow
L6682	Upper extremity addition, test socket, elbow disarticulation or above elbow
L6686	Upper extremity addition, suction socket
L6687	Upper extremity addition, frame type socket, below elbow or wrist disarticulation
L6688	Upper extremity addition, frame type socket, above elbow or elbow disarticulation
L6689	Upper extremity addition, frame type socket, shoulder disarticulation
L6690	Upper extremity addition, frame type socket, interscapular-thoracic
L6691	Upper extremity addition, removable insert, each
L6692	Upper extremity addition, silicone gel insert or equal, each
L6693	Upper extremity addition, locking elbow, forearm counterbalance
L6694	Addition to upper extremity prosthesis, below elbow/above elbow, custom fabricated from existing mold or prefabricated, socket insert, silicone gel, elastomeric or equal, for use with locking mechanism
L6695	Addition to upper extremity prosthesis, below elbow/above elbow, custom fabricated from existing mold or prefabricated, socket insert, silicone gel, elastomeric or equal, not for use with locking mechanism
L6696	Addition to upper extremity prosthesis, below elbow/above elbow, custom fabricated socket insert for congenital or atypical traumatic amputee, silicone gel, elastomeric or equal, for use with or without locking mechanism, initial only (for other than initial, use code I6694 or I6695)

HCPCS Code	Description
L6697	Addition to upper extremity prosthesis, below elbow/above elbow, custom fabricated socket insert for other than congenital or atypical traumatic amputee, silicone gel, elastomeric or equal, for use with or without locking mechanism, initial only (for other than initial, use code I6694 or I6695)
L6698	Addition to upper extremity prosthesis, below elbow/above elbow, lock mechanism, excludes socket insert
L6704	Terminal device, sport/recreational/work attachment, any material, any size
L6707	Terminal device, hook, mechanical, voluntary closing, any material, any size, lined or unlined
L6708	Terminal device, hand, mechanical, voluntary opening, any material, any size
L6709	Terminal device, hand, mechanical, voluntary closing, any material, any size
L6711	Terminal device, hook, mechanical, voluntary opening, any material, any size, lined or unlined, pediatric
L6712	Terminal device, hook, mechanical, voluntary closing, any material, any size, lined or unlined, pediatric
L6713	Terminal device, hand, mechanical, voluntary opening, any material, any size, pediatric
L6714	Terminal device, hand, mechanical, voluntary closing, any material, any size, pediatric
L6715	Terminal device, multiple articulating digit, includes motor(s), initial issue or replacement
L6880	Electric hand, switch or myoelectric controlled, independently articulating digits, any grasp pattern or combination of grasp patterns, includes motor(s)
L6881	Automatic grasp feature, addition to upper limb electric prosthetic terminal device
L6882	Microprocessor control feature, addition to upper limb prosthetic terminal device
L6883	Replacement socket, below elbow/wrist disarticulation, molded to patient model, for use with or without external power
L6884	Replacement socket, above elbow/elbow disarticulation, molded to patient model, for use with or without external power
L6885	Replacement socket, shoulder disarticulation/interscapular thoracic, molded to patient model, for use with or without external power
L6890	Addition to upper extremity prosthesis, glove for terminal device, any material, prefabricated, includes fitting and adjustment
L6900	Hand restoration (casts, shading and measurements included), partial hand, with glove, thumb or one finger remaining
L6905	Hand restoration (casts, shading and measurements included), partial hand, with glove, multiple fingers remaining
L6910	Hand restoration (casts, shading and measurements included), partial hand, with glove, no fingers remaining
L6915	Hand restoration (shading and measurements included), replacement glove for above
L6925	Wrist disarticulation, external power, self-suspended inner socket, removable forearm shell, otto bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6935	Below elbow, external power, self-suspended inner socket, removable forearm shell, otto bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6945	Elbow disarticulation, external power, molded inner socket, removable humeral shell, outside locking hinges, forearm, otto bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6955	Above elbow, external power, molded inner socket, removable humeral shell, internal locking elbow, forearm, otto bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device
L6975	Interscapular-thoracic, external power, molded inner socket, removable shoulder shell, shoulder bulkhead, humeral section, mechanical elbow, forearm, otto bock or equal electrodes, cables, two batteries and one charger, myoelectronic control of terminal device

HCPCS Code	Description
L7007	Electric hand, switch or myoelectric controlled, adult
L7008	Electric hand, switch or myoelectric, controlled, pediatric
L7009	Electric hook, switch or myoelectric controlled, adult
L7045	Electric hook, switch or myoelectric controlled, pediatric
L7180	Electronic elbow, microprocessor sequential control of elbow and terminal device
L7181	Electronic elbow, microprocessor simultaneous control of elbow and terminal device
L7190	Electronic elbow, adolescent, variety village or equal, myoelectronically controlled
L7191	Electronic elbow, child, variety village or equal, myoelectronically controlled
L7259	Electronic wrist rotator, any type
L7360	Six volt battery, each
L7364	Twelve volt battery, each
L7366	Battery charger, twelve volt, each
L7367	Lithium ion battery, rechargeable, replacement
L7368	Lithium ion battery charger, replacement only
L7400	Addition to upper extremity prosthesis, below elbow/wrist disarticulation, ultralight material (titanium, carbon fiber or equal)
L7401	Addition to upper extremity prosthesis, above elbow disarticulation, ultralight material (titanium, carbon fiber or equal)
L7403	Addition to upper extremity prosthesis, below elbow/wrist disarticulation, acrylic material
L7404	Addition to upper extremity prosthesis, above elbow disarticulation, acrylic material
L7405	Addition to upper extremity prosthesis, shoulder disarticulation/interscapular thoracic, acrylic material
L7499	Upper extremity prosthesis, not otherwise specified
L7510	Repair of prosthetic device, repair or replace minor parts
L8465	Prosthetic shrinker, upper limb, each
L8499	Unlisted procedure for miscellaneous prosthetic services

Description of Services

A prosthesis is an artificial device used to replace all or part a missing body part and is intended to restore normal function. Meier and Melton (2014) identify the most common levels of amputations for the upper limb are the transradial (TR) (below elbow, BE) and the transhumeral (TH) (above elbow, AE). The prosthesis is a tool that helps the single-limb amputee gain functional independence. Ideally, upper limb unilateral amputees should be able to accomplish things such as wearing the prosthetic during waking hours, perform basic ADLs, and return to work whenever possible.

Upper limb prosthesis can be classified into four categories of prosthesis:

- Passive prosthesis is the lightest of all the prosthesis and often termed as cosmetic. It has no motors and contains limited mechanical features.
- Body-powered prosthesis comes from the patient's movements and utilizes a body harness and strap which connects to a cable system that operates the device. Advantages include lightweight, durable and may be waterproof; disadvantages include a required harness, strength and range of motion capability from user.
- Externally powered prosthesis is powered by batteries contained within the system and controlled by EMG signals, force-sensing resistors, and pull/push switches and most often reserved for high-level amputees. Advantages include little or no harnessing of the device, generate more force and appear more cosmetic; disadvantages include battery life and daily charging, not waterproof, more complex and therefore prone to breakage and repair.
- Hybrid prosthesis combines body-powered components and myoelectric/externally powered components in one device. This type of prosthesis is most commonly used by transhumeral and shoulder disarticulation amputees and reserved for high-level amputees.

U.S. Food and Drug Administration (FDA)

This section is to be used for informational purposes only. FDA approval alone is not a basis for coverage.

Prostheses are class I devices exempt from U.S. Food and Drug Administration (FDA) review. For additional information, use product codes: GXY, IQZ.

In 2014, the DEKA Arm System was cleared for marketing by FDA through the de novo 513(f)(2) classification process which is a low- to moderate-risk medical device. Refer to the following websites for additional information:

- <https://www.accessdata.fda.gov/scripts/cdrh/cfdocs/cfpmn/denovo.cfm?id=DEN120016>
- https://www.accessdata.fda.gov/cdrh_docs/reviews/DEN120016.pdf

(Accessed November 22, 2022)

References

North Carolina Medicaid, Division of Health Benefits, Clinical Coverage Policies, Orthotics & Prosthetics, No: 5B.
https://files.nc.gov/ncdma/documents/files/5B_5.pdf. Accessed January 25, 2023.

Policy History/Revision Information

Date	Summary of Changes
07/01/2023	<p>Title Change/Template Update</p> <ul style="list-style-type: none">• Relocated and reformatted content previously included in the Coverage Determination Guideline titled <i>Prosthetic Devices, Wigs, Specialized, Microprocessor or Myoelectric Limbs (for North Carolina Only)</i>• Changed policy type classification from “Coverage Determination Guideline” to “Medical Policy” <p>Related Policies</p> <ul style="list-style-type: none">• Added reference link to the Medical Policy titled <i>Lower Extremity Prosthetics (for North Carolina Only)</i>• Removed reference link to the Medical Policy titled <i>Omnibus Codes (for North Carolina Only)</i> <p>Applicable Codes</p> <ul style="list-style-type: none">• Added HCPCS codes L7360, L7364, L7366, L7367, and L7368• Removed HCPCS codes L6625, L6628, L6630, L6635, L6637, L6640, L6641, L6642, L6645, L6647, L6648, L6650, L6655, L6660, L6665, L6670, L6672, L6675, L6676, L6684, L6703, L6706, L6721, L6722, L6805, L6810, L6895, L6920, L6930, L6940, L6950, L6960, L6965, L6970, L7040, L7170, L7185, L7186, L7260, L7261, L7402, L7520, L7600, L7700, L8415, L8435, L8485, and L9900 <p>Supporting Information</p> <ul style="list-style-type: none">• Added <i>Description of Services</i> and <i>FDA</i> sections• Archived previous policy version CSNC.CDG.018.03

Instructions for Use

This Medical Policy provides assistance in interpreting UnitedHealthcare standard benefit plans. When deciding coverage, the federal, state or contractual requirements for benefit plan coverage must be referenced as the terms of the federal, state or contractual requirements for benefit plan coverage may differ from the standard benefit plan. In the event of a conflict, the federal, state or contractual requirements for benefit plan coverage govern. Before using this policy, please check the federal, state or contractual requirements for benefit plan coverage. UnitedHealthcare reserves the right to modify its Policies and Guidelines as necessary. This Medical Policy is provided for informational purposes. It does not constitute medical advice.

UnitedHealthcare may also use tools developed by third parties, such as the InterQual[®] criteria, to assist us in administering health benefits. The UnitedHealthcare Medical Policies are intended to be used in connection with the independent professional medical judgment of a qualified health care provider and do not constitute the practice of medicine or medical advice.