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Michelangelo.
Reimbursement guide.
January 2026

Information for Providers and Insurance Payers

Product information.

Michelangelo Hand (8E500) is an electronic hand with an oval (naturally shaped) integrated flexion wrist joint, active thumb, and articulating fingers. It is used for transradial applications as well as transhumeral applications in combination with AxonArm Ergo (12K501=M).

The Michelangelo Hand can only be configured as a quick disconnect (QD) device. The built-in flexible wrist joint contains the coupling. The other half of the QD is part of the rotation device which stays with the socket and is attached to the separate lamination ring 10S500=M with 4 screws.

The purchaser must select from one of two rotation devices when they order the Michelangelo Hand/Hook; Active rotation (9S503) or Passive rotation (9S501).

The AxonMaster (13E500) is the central control unit and receives and processes electromyographic (EMG) signals from the user and transmits them to the respective prosthesis components. This allows the user to control the hand movements and switch between the prosthesis components directly and reliably. The AxonMaster stores all control parameters of the prosthesis system. With an integrated Bluetooth module in the AxonMaster, the Michelangelo Hand can be programmed using AxonSoft software and wireless Bluetooth data transfer.

The Michelangelo Transcarpal Hand (8E550) is for users with a longer residual limb up to a transcarpal level. Similarly, it is an electronic hand with an active thumb and articulating fingers.

AxonHook (8E600) is a powerful and rugged electronic work-type terminal device, designed to meet the performance needs of the most demanding wearers by increasing the number of functional work tasks possible. The AxonHook is interchangeable with Michelangelo or may be purchased as a stand-alone terminal device. Similar to Michelangelo, the AxonHook has an integrated flexion wrist joint, configured as a quick disconnect (QD) device only, and may be used with either the active or passive rotation devices.

AxonRotation Active (9S503) is an electronic wrist rotator that can be used with both the Michelangelo Hand and the AxonHook. AxonRotation benefits the user by allowing them to perform bimanual activities. It also helps reduce compensatory movements by avoiding awkward and painful angles to reach certain body positions. For example, pouring a glass of water by rotating the wrist versus bending laterally which puts unnecessary strain on the back and shoulders. It has proportional control and a return to neutral feature.

AxonArm Ergo is an electronic locking elbow with automatic forearm balance. The microprocessor controlled electronic feature allows unlocking and locking of the elbow joint. The microprocessor receives the user's EMG signals that are captured by electrodes within the socket. Once programmed, these signals are then used to control the hand, hook, or wrist.

AxonSkin is the name for a variety of Michelangelo gloves, including AxonSkin Natural made with PVC, AxonSkin Silicone, made with multi-layered silicone, and AxonSkin Visual, available in jet black and translucent colors for a high-tech cosmetic appeal.

Who can provide Michelangelo components?

Michelangelo components are prescribed by a physician and may only be provided by a qualified Prosthetist who has received specific product training. Ottobock employs a team of orthotists and prosthetists to educate practitioners on fabricating and fitting our products. This includes in-person and online training, webinars, and technical bulletins. We also provide Cooperative Care Services for the more challenging fittings, which includes on-site assistance with the fitting in conjunction with product qualification training for the practitioner.

Warranty & Confidence Plan

Ottobock warrants all of its products, to the original purchaser, to be free from defects in materials and workmanship. Michelangelo Hand comes with a 2-year limited warranty, which includes a 12-month service inspection. A 6-year extended warranty is available for purchase for the Michelangelo Hand, which includes condition-based repair services conducted by our qualified service technicians. AxonRotation, AxonHook, and AxonArm Ergo also come with 2-year limited warranties.

To complement the warranty, Ottobock North America also offers the Upper Limb Confidence Plan, which provides the user with no-cost repairs and maintenance for three years after the initial fitting. The Confidence Plan covers repairs required due to accidental mechanical damage sustained while handling the product in accordance with its intended use; e.g. accidentally exerting too much force in activities of daily living.

Health Canada compliance

This device meets the requirements of the Medical Device Regulations (SOR/98-282). It has been classified as a class I medical device according to the classification criteria outlined in schedule 1 of the Medical Device Regulations.

FDA classification[1]

The Axon-Bus prosthetic system received 510(k) clearance as a Class 2 medical device by the FDA on June 3, 2014. The 510(k) reference number is K123795.

HCPCS coding.
Effective: August 7, 2025 (U.S. only)

HCPCS CODES[1]

Michelangelo Hand is PDAC Verified for the following HCPCS codes:

L6880	Michelangelo Hand +
L6629	Quick Disconnect +
L6621	Flex/Ext Wrist
L6890	PVC Glove +
L7259	*Electric Wrist Rotator: Add if the 9S503 (active rotation) is included*

Michelangelo Transcarpal Hand is PDAC Verified for the following HCPCS codes:

L6880	Michelangelo Hand +
L6890	PVC Glove for Terminal Device

AxonHook

L7009	AxonHook+
L6882	Microprocessor Control of TD+
L6629	Quick Disconnect +
L6621	Flex/Ext Wrist
L7259	*Electric Wrist Rotator: Add if the 9S503 (active rotation) is included*

AxonArm Ergo

L6693	Forearm Counterbalance +
L6638	Electric Lock

Other items that might be coded on the claim (not all inclusive):

The Michelangelo is custom fabricated and other items that may be on a claim (separately coded) include the following: Base external powered prosthesis, electrodes, battery, charger, various socket styles & materials, test & replacement sockets, socket inserts (liners), locks, suspension, harnesses, switches, and transducers.

References

[1] The product/device “Supplier” (defined as an O&P practitioner, O&P patient care facility, or DME supplier) assumes full responsibility for accurate billing of Ottobock products. It is the Supplier’s responsibility to determine medical necessity; ensure coverage criteria is met; and submit appropriate HCPCS codes, modifiers, and charges for services/products delivered. It is also recommended that Supplier’s contact insurance payer(s) for coding and coverage guidance prior to submitting claims. Ottobock Coding Suggestions and Reimbursement Guides do not replace the Supplier’s judgment. These recommendations may be subject to revision based on additional information or alpha-numeric system changes.

Insurance Justification Support.

Michelangelo Hand articulating fingers:

Michelangelo has four compliant fingers with anatomically correct alignment of the metacarpophalangeal joints (MCP) joints.

- Each finger has its own axis (MCP flexion/extension). Due to the mechanical design of the finger axes, the fingers abduct, spreading apart when the hand opens, and they move together (adduct) as the hand closes.
- Using nature as a model, the fingers were replicated in great detail to achieve an unparalleled physiological appearance and functional design.

Michelangelo Hand active thumb:

Michelangelo has a fully electronic multi-positional thumb.

- The sweeping motion of the thumb drive allows Opposition and Lateral grip patterns.
- Rotating the thumb outward creates a palm so that additional movement options are possible.

Michelangelo Hand functions:

Michelangelo® has complex gripping kinematics with 7 functional grip types:

- Lateral power grip allows for secure grasping and handling of objects
- Lateral pinch allows one to easily hold thin objects such as credit cards.
- Open palm allows a flat hand position for holding items such as plates and bowls.
- Tripod pinch allows precise grasping of small objects.
- Power grip is for grasping large objects
- Neutral position allows a natural position at rest. The hand will not open while walking and the thumb is tucked in safely like a natural hand. The Michelangelo hand automatically relaxes into neutral position, which reduces the physical and mental burden of the user.
- Finger adduction and abduction allows fingers to spread out as the hand opens.

AxonWrist: Oval integrated wrist joint on the Michelangelo Hand and AxonHook

- AxonWrist is comprised of two components: the AxonFlexion adapter and the AxonRotation adapter. These components permit greater freedom of movement for the user.
- The AxonFlexion adapter is integrated into the hand, and it provides flexion (75°) and extension (45°); movement is progressively dampened with 8 ratchet positions.
- The AxonRotation adapter provides unlimited pronation and supination (360°) with 24 ratchet positions.
- The flexion and rotation adaptors include a quick disconnect mechanism for the hand and socket. Together they provide a multi-axial movement pattern which helps avoid unnatural compensatory movements and thereby promotes a healthy, natural body posture.

AxonHook

- Slim compact design allows user greater visibility of the handled object.
- High degree of fine proportional control
- Flexible AxonWrist functionality is included, which allows for reduced compensatory movements.
- Durable polyurethane (rubber-like) coating supports the user in grasping small and complex shaped objects.
- Automatically returns to neutral position when signal is relaxed. This function can also be used for soft gentle grasping of fragile objects.
- Hook tips can be replaced by the practitioner if broken
- Fully digital communication with prosthesis

AxonRotation

- Automatic neutral positioning – hand starts from same position and doesn't have to remember in which position the hand was in. This reduces the cognitive burden on the user.
- Faster rotation speed allows for smooth, precise and delicate motions.
- Proportional control

AxonArm Ergo

- Automatic forearm balance (AFB) assists elbow flexion and extension. The AFB is an internal mechanism built into the AxonArm Ergo that provides a spring assist to lifting the elbow. When the arm is extended (hanging down) the user can use shoulder motion to swing the elbow forward, which will then initiate the AFB, raising the elbow to a level position. AFB also compensates for the weight of the forearm. It is easily adjusted by the user.
- Electronic ratchetless lock: Locking and unlocking the elbow joint is realized with myoelectric signals received by the electrodes. The electronic lock is programmable and controlled by a microprocessor.
- Internal and external humeral rotation: AxonArm Ergo has a feature that allows the wearer to manually rotate the arm. The friction rotation can be easily adjusted.
- Forearm can be shortened

Microprocessor Communication System:

- The Axon-Bus system microprocessor evaluates muscle signals and optimum electrode adjustment, and documents all recorded user data.
- The AxonMaster is mounted inside the socket, and it contains the main microprocessor control feature. It controls the Axon-Bus communication process. This includes receiving and processing myoelectric signals from the electrodes and managing communication between the components.
- There are 5 microprocessors in addition to the AxonMaster microprocessor control, including two in the Michelangelo Hand, one in the AxonArm Ergo, and one each in the AxonMaster and AxonEnergy Integral. The Axon-Bus system is programmed via integrated Bluetooth module.

Programming:

Adjustments to the prosthesis components can be performed through Bluetooth data transfer using the AxonSoft program. The Bluetooth module is in the control unit. Four control options and five switching modes are offered. This allows for multiple fitting options, such as:

- Proportional control (opening and closing speed as well as grip force is proportional to the muscle contraction)
- Digital control (constant speed, gripping force is proportional to the duration of the signal)
- One or two electrodes or three switch options (short and long co-contraction, impulse switching, and long open signal)

Battery

- The AxonEnergy Integral serves exclusively to provide power to the Axon-Bus system. The battery consists of 3 Li-Ion cells. The integrated electronics protect the battery against short circuits, overvoltage, undervoltage and charging outside the allowable temperature range.
- The Axon-Bus cable with the three-pin receptacle is used to exchange data and connects the respective prosthesis components to the battery.
- These components are fabricated into the socket and permanently connected to each other.

Charger

- The AxonCharge Integral magnetically connects to the charging port which is integrated into the socket.

AxonSkin Glove Options

- AxonSkin gloves are available in various material options and multiple color options, ranging from skin tones to jet black and translucent for unique personalization. In addition to a physiological appearance, the new gloves feature excellent durability.

Upper limb clinical evidence.

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