Ottobock – 6S400 EMS Socket

Patented* Multi-Surfaced Flexible Inner Socket System – “Engineered Comfort™”

Advantages

Incredibly enhanced patient fit and control
- 400% increased linkage between residual limb and prosthesis
- Improved control of prosthesis through all phases of ambulation in both weight-bearing and non-weight-bearing activities
- Enhanced proprioception and spatial awareness for improved balance and stability
- 100% increased surface area for weight-bearing, resulting in unprecedented pressure distribution and shear force management

Volume management
- Patented vacuum socket environment reduces volume fluctuations and improves moisture control by maintaining a constant and more uniform pressure system.

Additional Benefits
- Lower rigid socket trim lines for increased range of motion.
- Reduced wear on sleeve due to soft inner socket material and lower rigid socket.

*US Patent 8,114,167
Patient indications and rationale for L5999 coding

- Short limbs
- Afibula limbs
- Insufficient surface area
- Adherent scars
- Cylindrical shaped limbs
- Neuromas
- Tapered limbs
- Bone scarring
- Excessive redundant tissue
- Uneven terrain mobility

Coding options¹

BK coding options
- L5645 Addition to lower extremity, below knee, flexible inner socket, external frame
- L5646 Addition to lower extremity, below knee, Air, Fluid, Gel, or equal cushion socket.
- L5670 Addition to lower extremity, below knee, molded supracondylar suspension
- L5999 – Addition to lower extremity, Below Knee custom fabricated, enhanced static co-efficient of friction, Multi-Surface Socket - EMS

AK coding options
- L5651 Addition to lower extremity, above knee, flexible inner socket, external frame
- L5999 – Addition to lower extremity, above knee custom fabricated, enhanced static co-efficient of friction, Multi-Surface Socket System – EMS

Liner recommendation

Urethane

First choice is urethane due to its hydraulic-flow properties. The multi-surface texture in these flexible sockets activates the hydraulic property in the urethane causing it to constantly adjust to load variations and sustain a constant hydraulic presence.

Silicone

Less suitable due to lack of shear force transfer mechanism and no hydraulic properties.

T.P.E.

Not suitable for this socket environment due to significant cold and permanent deformation and thinning. Also lacks hydraulic properties.

What to send to Ottobock

Include completed order form

**Note that fabrication time may take up to 7 days from time cast is received

1. If the test socket is fitting well without any modifications, take a fiberglass wrap of original modified positive model at least 3” above proximal patella.
2. Send fiberglass wrap with order form along with a purchase order.
3. Work order and purchase order should have patient’s name, prosthetist name and date.
4. Remember to keep your positive mold of your socket.
5. Mark on cast the MPT, adductor tubercle, and proximal patella poles.

Educational training courses are available for the Harmony Vacuum and EMS socket systems in the Academy section of the Ottobock website.

Please contact your local sales person for more details.

¹The product/device “Supplier” (defined as an O&P practitioner or O&P patient care facility) 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 are based on reasonable judgment and are not recommended to replace the Supplier’s judgment. These recommendations may be subject to revision based on additional information or alpha-numeric system changes.