



## **Concept Name:** Skin Substitute

**Providers:** FOOT AND ANKLE SPECIALISTS OF THE MID-ATLANTIC, LLC,

Billing NPI 1073804712

**LOB:** Medicare

**Claim Type:** Professional

**CPT/HCPCS codes:** Q4164, Q4186, Q4205, Q4217, Q4253

**Purpose:** Identify outlier payments for skin substitute procedures.

**Time Period:** 8/26/24 - 9/26/24

### **Estimated Financial Impact:**

Billed: \$3,462,313

Allowed: \$1,647,406

Paid: \$1,612,943

**Unique Count of Members Impacted:** 1

### **Claim Examples:**

Health Service Code Set	Modifier	Place of Service	Claim Billed Amount	Claim Paid Amount	Claim Allowed Amount	Service From Date
[15273, Q4164, 15274]	[JZ]	[11]	\$692,462.56	\$322,876.97	\$329,481.29	2024-08-22
[15273, Q4164, 15274]	[JZ]	[11]	\$692,462.56	\$322,876.97	\$329,481.29	2024-09-03
[15273, Q4164, 15274]	[JZ]	[11]	\$692,462.56	\$322,891.67	\$329,481.29	2024-09-10
[15273, Q4164, 15274]	[JZ]	[11]	\$692,462.56	\$322,876.97	\$329,481.29	2024-09-19
[15273, Q4164, 15274]	[JZ]	[11]	\$692,462.56	\$322,891.67	\$329,481.29	2024-09-24



**Supporting Documentation:**

**Q4164:** Helicoll, per square centimeter, a skin substitute used for treating various wounds like diabetic ulcers, pressure ulcers, and surgical wounds.

**Q4186:** EPIFIX, per square centimeter, a type of skin substitute graft made of dehydrated human amnion/chorion membrane. It is used to treat acute and chronic wounds, and it is billed by the unit, with each square centimeter representing one unit. The application of this skin substitute is billed using separate CPT codes, such as 15271 or 15275, depending on the wound's location

**Q4205:** "Membrane graft or membrane wrap, per square centimeter". It is used to bill for skin substitutes and biologicals, specifically for membrane grafts or wraps, with the unit of measurement being per square centimeter of the material applied.

**Q4217:** Woundfix, BioWound, Woundfix Plus, BioWound Plus, Woundfix Xplus or BioWound Xplus, per square centimeter as maintained by CMS falls under Skin Substitutes and Biologicals.

**Q4253:** Zenith amniotic membrane, per square centimeter as maintained by CMS falls under Skin Substitutes and Biologicals.

Skin Substitute Grafts/Cellular and Tissue-Based Products for the Treatment of Diabetic Foot Ulcers and Venous Leg Ulcers, LCD L35041

<https://www.cms.gov/medicare-coverage-database/view/lcd.aspx?LCDId=35041>

**Investigation tips:**

- Verify documentation supports procedure
- Verify which interventions were attempted prior to skin substitute
- Note time period between each procedure
- Take note of documented dimensions of skin substitute applied compared to what has been billed

**Applied Exclusions:** N/A