MIAMNION® SINGLE WITH WIDELY MESHED SKIN GRAFT

MIAMNION®

SECOND- AND THIRD-DEGREE BURNS ON LOWER EXTREMITIES

The patient is a 44-year-old male with 15% total body surface area second- and third-degree burns involving bilateral lower extremities and the anterior trunk.

APPLICATION OF VIVEX® BIOLOGICS MIAMNION TISSUE ALLOGRAFT

The patient underwent a tangential excision of the burn and application of allografts. At the time of final reconstruction, split thickness skin grafts were meshed in a 3:1 ratio, with the intention of reducing donor site morbidity, and were used to cover the bilateral lower extremities *[Figure 1 and Figure 2]*.


Figure 1


Figure 2

Area of deep second-degree and third-degree burn wounds in bilateral lower extremities was covered with split thickness skin grafts, meshed 3:1.

The grafts in this area were then covered with VIVEX Biologics MIAMNION single layer amniotic membrane as a skin substitute, and then covered with Bacitracin to maintain moisture *[Figure 3 and Figure 4]*.


Figure 3


Figure 4

Grafts were covered with MIAMNION single layer amniotic membrane tissue allograft.

Three weeks after the application of the MIAMNION single layer amniotic membrane tissue allograft, the second- and third-degree burns showed significant healing *[Figure 5, Figure 6, Figure 7]*.

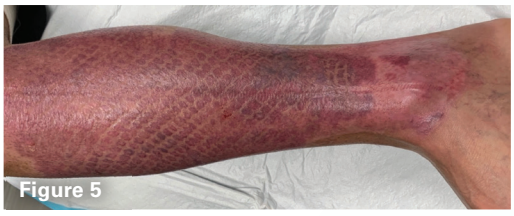
Figure 5


Figure 6

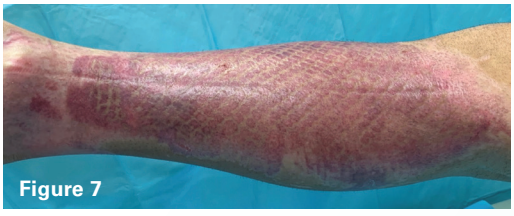
Figure 7

Post-operative photos at 3 weeks, showing healing.

CONCLUSION

This case study demonstrates the use of VIVEX Biologics MIAMNION single layer amniotic membrane tissue allograft as a barrier membrane to help resolve second- and third-degree burns in the bilateral lower extremities. The MIAMNION tissue allograft is easy to apply, is available in multiple sizes and will conform to wounds.

MIAMNION® SINGLE WITH WIDELY MESHED SKIN GRAFT

MIAMNION®

THIRD-DEGREE HOT OIL BURNS ON THIGH

The patient is a 62-year-old diabetic male with 3% total body surface area third-degree hot oil burns involving the right thigh.

APPLICATION OF VIVEX® BIOLOGICS MIAMNION TISSUE ALLOGRAFT

The patient underwent a tangential excision of the burn and application of allografts. At the time of final reconstruction, split thickness skin grafts were meshed in a 3:1 ratio, with the intention of reducing donor site morbidity, and were used to cover the bilateral lower extremities *[Figure 1 and Figure 2].*


Figure 1


Figure 2

Area of third-degree burn wounds in bilateral lower extremities was covered with split thickness skin grafts, meshed 3:1.

The grafted wounds and the donor site on the contralateral side were covered with VIVEX Biologics MIAMNION single layer amniotic membrane as a skin substitute, and then covered with Bacitracin to maintain moisture *[Figure 3, Figure 4, Figure 5].*


Figure 3

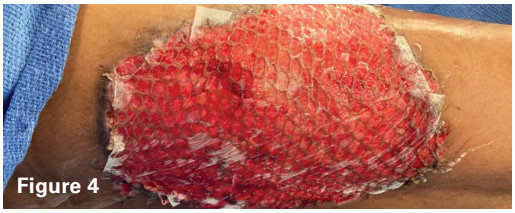
Figure 4

Grafts were covered with MIAMNION single layer amniotic membrane tissue allograft.


Figure 5

Three weeks after the application of the MIAMNION single layer amniotic membrane tissue allograft, the third-degree hot oil burns showed significant healing *[Figure 6 and Figure 7].*


Figure 6


Figure 7

Post-operative photos at 3 weeks, showing healing.

CONCLUSION

This case study demonstrates the use of VIVEX Biologics MIAMNION single layer amniotic membrane tissue allograft as a barrier membrane to help resolve third-degree hot oil burns in the lower extremities. The MIAMNION tissue allograft is easy to apply, is available in multiple sizes and will conform to wounds.

MKG-AWC-2 Rev 02

VIVEX BIOLOGICS

2430 NW 116th Street, Miami, FL 33167
(888) 684-7783 | vivex.com | customercare@vivex.com