

MAXIOCEL-100% CHITOSAN WOUND DRESSING ON ISCHEMIC WOUND (LEG ULCER)

Center

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Patient details	52 years , Male
Diabetes	No
Nicotine consumption	No
Localized infection	Yes
Nutritional status	Malnourished
Co-morbidities	None
Previous medication	6 months localised treatment with gauze and saline along with compression bandages
Wound history	Patient suffering from Chronic Ischemic ulcer located on left leg (Anterior Tibia area), wound edges attached, measurements being 15cmx4cmx0.5cm (lengthxwidthxdepth)

Initial wound bed evaluation

Infection (Local Factors)	Yes	No	Exudate	Dry	Low	Medium	High
Exudate	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Levels	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Erythema	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Exudate	Watery	Cloudy	Thick	Purulent
Malodorous	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pain	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Oedema	<input checked="" type="checkbox"/>	<input type="checkbox"/>					

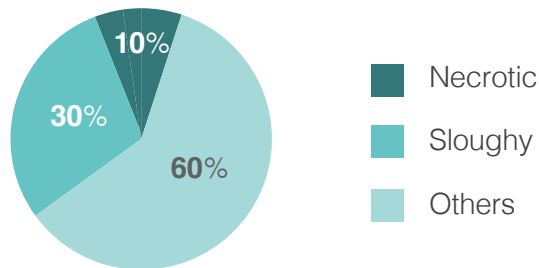


Wound before MaxioCel treatment



Wound improvement after 8 days

Tissue type



Wound management goals

Parameters	Yes	No
Debridement	Yes	No
Infection prevention	Yes	No
Exudate management	Yes	No
Optimum moisture maintenance	Yes	No
Protect granulation tissue / Epithelializing tissue	Yes	No

End report

No of MaxioCel dressings done	4
Frequency of MaxioCel dressings	Alternate days
MaxioCel variant used	10x05cm (2 units per dressing)
Final day wound condition	No signs of localised infection in wound, granulated with early signs of epithelialization without scarring

Result

Patient Outcome with MaxioCel	Ease of Application / Removal	Anti-microbial barrier	Wound adherence	Conformability	Wound scar improvement	Pain management
Excellent	Yes	No	No	Yes	Yes	Yes
Good	No	Yes	Yes	No	No	No
Fair	No	No	No	No	No	No
Poor	No	No	No	No	No	No

Discussion

- Ischemic ulcers (wounds) can occur when there is poor blood flow in your legs. Ischemic means reduced blood flow to an area of the body. Poor blood flow causes cells to die and damages tissue. Most ischemic ulcers occur on the feet and legs. These types of wounds can be slow to heal.
- The shown patient has had multiple digit amputations in the past and was undergoing treatment with saline and gauze dressings from the past 6 months.
- MaxioCel treatment was initiated and within 4 dressings(alternative days),significant improvements were seen.
- The treatment was continued at a local clinic and the ulceration has healed completely with no signs of Scarring.