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PREVENTING ULCERS IN BULLOUS ERYSIPELAS

TOPICAL SILVER STREAM TREATMENT

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BACKGROUND:

Erysipelas is a bacterial skin infection involving the upper dermis that characteristically extends into the superficial cutaneous lymphatics.

It is a tender, intensely erythematous, indurated plaque with a sharply demarcated border. Its well-defined margin can help differentiate it from other skin infections (e.g. cellulitis).

Historically, Erysipelas occurred on the face, but cases today most often involve the legs.

Economicly, chronic wounds extends hospitalization, increases health care thechnology and over all health care cost.

AIM:

Ulceration prevention of calves due to the bacterial infection of dermis and hypodermis, using a new method of treatment, shortens the hospitalization and discharges the patient without wounds.

Female

Age:
69 Years old

Hospitalization:
23 days



Day 0



Day 15



Outpatient visit - after 6 weeks

METHOD:

SilverStream (by EnzySurge Ltd. Israel) is known as an antimicrobial and anti-biofilm agent, used in treatments of venous ulcers, pressure ulcers, burns, diabetic foot ulcers and trauma cases.

No records known of SilverStream treatment on Bullous Erysipelas.
8 patients admitted to dermatology department with Bullous Erysipelas, were treated with intravenous antibiotics and with topical SilverStream solution once a day.

Female

Age:
52 Years old

Hospitalization:
15 days



Day 0



Day 19



Outpatient visit - after 70 days

RESULTS:

In 8 of the patients there was an erosive skin presentation at admission, which was resolved in 5-21 days, with no formation of chronic ulcers and no other side effects. After discharge from hospitalization, the patients were supervised by the wound care clinic for 2 more months, with no new development of infection or ulcers.

CONCLUSION:

SilverStream is an effective solution for chronic ulcers preventing in case of Bullous Erysipelas. The solution is time saving and cost effective.