

Curing Necrotic Angiodermatitis with an Intact Fish Skin Graft 2 in a Patient Living with Diabetes: A Case Report

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- **Introduction:** Curing a necrotic angiodermatitis is a challenge for medicine, the treatment is often heavy and requires repeated hospitalization, we describe a case of a man who presents a necrotic angiodermatitis with a refusal to be hospitalized, the alternative was to use an Intact Fish Skin Graft. **Methods:** Our 76-year-old male patient had been living with type 2 diabetes since the age of 34 years.. The patient consulted our diabetology department in France in April 2021 after the appearance of an ulcer on his right leg accompanied by significant pain but with out trauma or diffuse infection of the soft tissues. the patient described intense permanent pain. necrotic angiodermatitis was diagnosed. Analgesic therapy was prescribed with oxycodone hydrochloride 5 mg four times a day. For family reasons and so as not to change his dialysis center, the patient refused hospitalization in the dermatology department and was instead managed by the diabetology out patient service. As alternative at-home treatment, the patient was offered an intact fish skin graft produced by Kerecis. **Results®** Between April and June 2021, the patient received a total of 10 fish skin grafts. He was received in consultation in outpatient clinic every 3 weeks. The appearance of the wound gradually improved with the complete cessation of analgesic therapy in the 5th week of treatment and the complete epithelization of the lesion after the application of the 10th fish skin graft **Conclusion** we describe the cure of necrotic angiodermatitis by the application of a fish skin graft. The use of this therapy seems to open a new avenue for the out-of-hospital management of necrotic angiodermatitis.

Figure 1. Necrotic angiodermatitis ulcer.



Figure 2. Ulcer and the application of intact fish skin graft.



Figure 3. Complete epithelization of the lesion after application of the 10th fish skin.

