



# Critical analysis of an observational assessment of diabetic foot ulcers treated with a **LIPIDO-COLLOID DRESSING\***

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## INTRODUCTION

This multicentre, observational study was conducted in France and Germany on 35 diabetic patients aged between 38 and 95 years. Half of all patients were followed-up as outpatients presenting a wound at the granulation and then epithelialisation stage. They were locally treated with a **Urgotul®**. The main aim of this evaluation was to assess the efficacy, local tolerance and acceptability of this wound dressing.

### METHOD

- The efficacy assessment was based on the wound area reduction evaluated by planimetric measurement at inclusion and at the end of treatment.
- Tolerance was analysed on occurrence of local adverse effects.
- Acceptability was assessed on the basis of ease of application and removal of tested dressing and pain assessment.

### WOUNDS AT INCLUSION

#### ▪ TYPES

Perforating ulcer of foot: **22** (64,7 %)

Post-surgical wound: **1** (2,9 %)

Traumatic wound: **7** (20,6 %)

Malleolar wound: **4** (11,8 %)

#### ▪ WOUND DURATION

Mean duration: **5 mois**

#### ▪ WOUND SIZE AT INCLUSION

(20 planimetries/35) : **13 cm²**



### RESULTS : HEALING EVOLUTION

- **MEAN TREATMENT DURATION:** 50 days
- **WOUND SURFACE REDUCTION:** 54.8% in a mean time of 45 days (planimetric records before and at the end of treatment: 11/35 patients)
- **COMPLETE HEALING:** 13 patients out of 35 (37.1%)



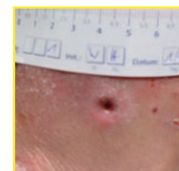
Healing evaluation on D+21

Healing evaluation on D+23

### EVOLUTION OF SURROUNDING SKIN

The surrounding skin, initially healthy on only 21.7% of wounds; was improved in all cases, except for presence of hyperkeratosis (3 patients).

As a % of the number of patients	Before treatment	End of treatment with a lipido-colloid dressing*
Normal	21,7 %	57,1 %
Inflammatory	28,3 %	14,3 %
Erythematous	19,6 %	14,3 %
Oedematous	10,9 %	5,7 %
Maceration	15,2 %	2,9 %



Inclusion 29/07/04

10 weeks of Urgotul®  
14/10/04

15 weeks of treatment  
with Urgotul® 24/11/04

### TOLERANCE

The tolerance was excellent. Only one adverse event was reported (erysipelas of the right lower limb).

### ACCEPTABILITY OF LIPIDO-COLLOID DRESSING\*

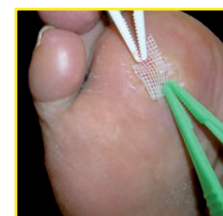
(138 dressing changes)

Ease of removal: 94.2%

Absence of pain: 87.7%

Absence of maceration: 91.3%

Absence of bleeding: 97.1%



### CONCLUSION

**The results of this assessment support existing data concerning the efficacy and tolerance of the lipido-colloid contact layer\* in diabetic foot wounds, with a mean wound surface reduction of 54.8% after 45 days and an improvement in surrounding skin in all cases, except for 3 cases of hyperkeratosis, which requires specific treatment.**

\* Brand name: Lipido-colloid wound dressing is Urgotul® from Laboratoires URGO. We gratefully acknowledge the support of Laboratoires URGO for the production of this poster