

# MOBIDERM FOR FIBROSIS REDUCTION

## Use of a tissue mobilising compression system

Pamela Hodgson, Marie-Eve Letellier, Katrin Schumann, Linda Henry – *Journal of Lymphoedema* (2011), Vol 6, No 2

Country: 

**Design:** case report

**Product:** MOBIDERM Bandage

**Population:** 1 female patient with Upper limb Breast Cancer Related Lymphedema (BCRL) associated to fibrosis

**Treatment phase:** intensive and maintenance

**Level of evidence:** IV

### Objective

This paper reports the use of MOBIDERM to treat a patient with Breast Cancer Related Lymphedema (BCRL) and associated lymphostatic fibrosis.

### Case description

This case reports on the use of the MOBIDERM system to soften lymphostatic fibrosis and continue volume reduction after lymphedema stabilisation had been achieved with conventional short-stretch bandaging.

The patient started her lymphedema treatment with Intermittent Pneumatic Compression (IPC). After 15 sessions with IPC, she felt that there was no more improvement. Effectively, her arm measurements showed a significant increase of lymphedema, with the affected arm 81% greater than the unaffected arm. Furthermore, fibrotic tissue was now noted in the forearm.

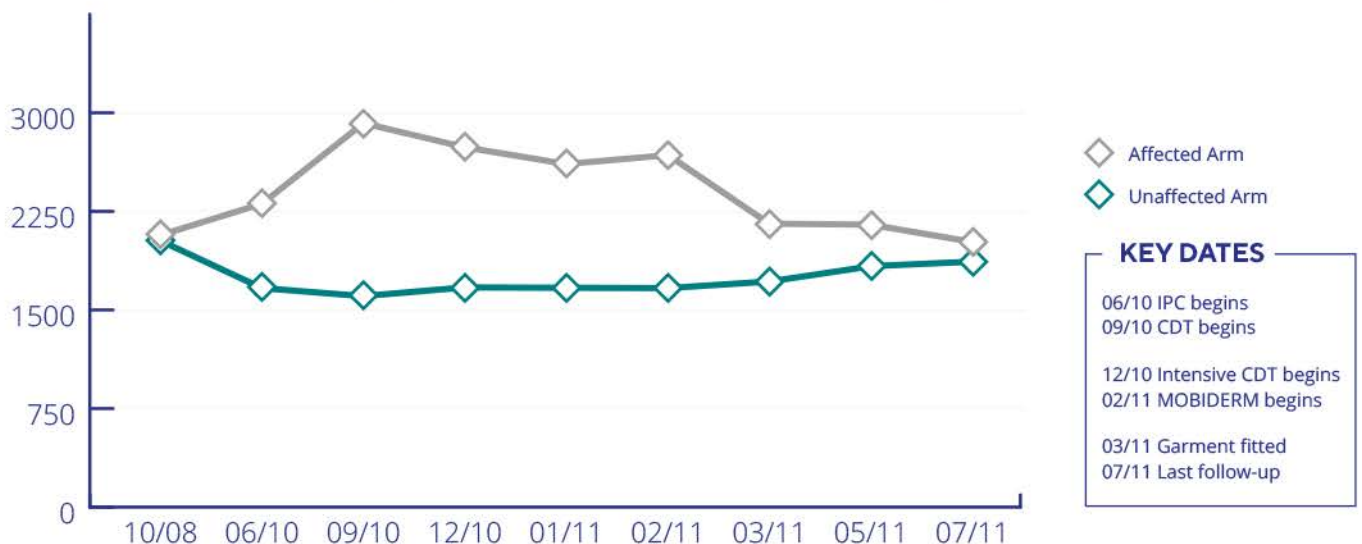
After 15 treatments of conventional multilayer bandaging and self-bandaging, measurements had stabilised with the volume difference at 62%.

The MOBIDERM system of bandaging was started because the patient was not satisfied with the effects of inelastic bandaging and wanted a better reduction before being fitted for a sleeve.

After 10 treatments and self-bandaging at home with a bandage including MOBIDERM, the lymphostatic fibrosis had softened and measurements had again decreased and stabilised to a volume difference of 27%.

The patient was satisfied with her lymphedema outcome and she was measured for a compression sleeve. Four months later, the volume had further reduced to a 11% volume difference, with no fibrotic tissue palpable in her forearm. She has continued self-bandaging at night and wearing her garment during the day.

The evolution of patient's lymphedema volume is illustrated in the graph below:



## Conclusions

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This case reports on the impact of the MOBIDERM bandages to reduce lymphostatic fibrosis and achieve further volume reduction in a patient with Breast Cancer Related Lymphedema.

### KEY TAKEAWAYS

- MOBIDERM bandages seem to help in reducing lymphostatic fibrosis and achieving further lymphedema volume reduction.
- Additional randomized controlled trials would be necessary to confirm the fibrosis reduction.

## Full article

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