
# Vidabra

Clinical validation

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## Design and clinical validation of a specific top to prevent acute radiation-induced breast skin toxicity.


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Despite advances in breast radiation, skin toxicity continues to have a negative effect on patients' quality of life.

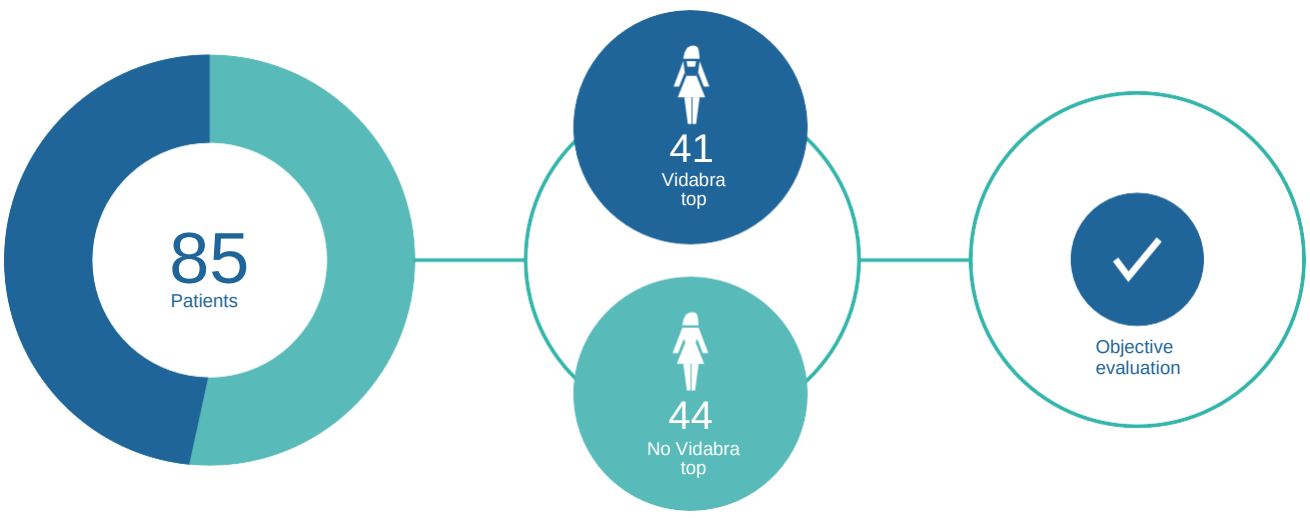
We have designed and clinically validated a dermo-specific top which:

- Is suitable for use with radiotherapy for breast cancer.
- Contains silver and chitin in its fibres as active substances to assist skin repair after each session.

# Method.

## Randomized prospective study on 85 patients referred for oncological radiotherapy after breast-conserving surgery:

41 patients were randomly assigned the top containing the active substances, while the remaining 44 were instructed to follow the standard recommendations given by the department.




# Results and findings of Vidabra use.

## Reduced impact of radiotherapy on patient quality of life.

Skin inflammation in all patients was assessed by means of quantifying microvascularisation in the radiated area using laser Doppler flowmetry and thermographic imaging.

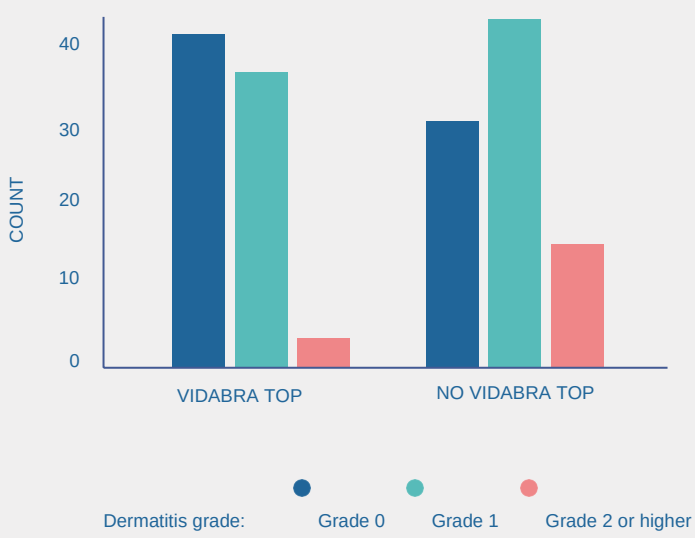
A statistically significant difference was observed in post-RT levels among patients who had used the top and those who had not, with fewer skin changes in users of the Vidabra top

### Average MCR

* Breast skin microcirculation (microcirculation rate).


## Daily use of the Vidabra top enriched with dermo-specific active substances can reduce skin toxicity caused by radiotherapy and improve patients' quality of life.

At the end of the treatment, patients were assessed blindly by an independent dermatology specialist, who did not know which patients had or had not used the top.




"Almost half of the patients who had used the Vidabra top (46.3%) had no skin changes and the rest had only mild irritation (grade 1 dermatitis)

In patients who had NOT used the top, the number of cases of mild skin complaints increased (grade 1 dermatitis), with some attaining grade 2 and even grade 3 dermatitis".