INTRODUCTION

When initiating radiotherapy we should start hydrating the skin around the radiation area in order to avoid complications. We try to heal surgical wounds in the radiation area before starting radiotherapy. So, it is very important to obtain a fast and very good healing of any wound which might occur.

We observed the surgical wound according to T.I.M.E. Tissue, bacterial load, exudation, edges.

TREATMENT

A 54 year old female patient got a mastectomy with a sentinel node procedure. After surgery a wound dehiscence occurred. By using an enzyme alginogel* it was possible to reach fast epithelialization. As consequence radiotherapy could be started on healthy tissue.

On day 1 (28/04/10) we started to accelerate the autolytical debridement. The wound showed no debris after 9 days (07/05/10). Thereupon the enzyme alginogel* created an ideal environment for the development of granulation tissue and epithelial cells.

On day 20 (18/05/10) we saw the formation of epithelial cells at the edges.

Full epithelialization was reached on day 35 (02/06/10).

We hydrated the new skin cells in order to start radiotherapy in excellent circumstances.

RESULTS

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We hydrated the new skin cells in order to start radiotherapy in excellent circumstances.

CONCLUSION

By using an enzyme alginogel* we could treat the wound with one single product until complete epithelialization. We see a fast wound healing process without any complications. As a consequence radiotherapy could be started immediately after healing.

*Enzyme alginogel = Flaminal® Hydro – Flaminal® Forte