

Radiodermatitis

Radiodermatitis covers the spectrum of skin reactions due to ionized radiation therapy and can affect 95% of patients undergoing radiotherapy.¹

Skin reactions during radiotherapy may further impair the quality of life of cancer patients, potentially prolonging or interrupting the radiotherapeutic treatment.¹

POSSIBLE CONSEQUENCES FOR THE PATIENT¹:
Elevated levels of pain, pruritis, discomfort, fatigue, ...

RTOG clinical assessment tool²⁻³ and Flamigel® RT treatment pathway

Patient starts radiotherapy	➔	PREVENTION:	Apply 3x/day From day 1	
Patient develops skin reaction	➔	NO	RTOG 0 Continue application 3x/day	
YES				
<input type="checkbox"/> Faint or dull erythema		RTOG 1	Apply 3x/day Assess weekly	
<input type="checkbox"/> Mild tightness of the skin				
<input type="checkbox"/> Itching may occur				
<input type="checkbox"/> Bright erythema		RTOG 2A	Apply 3x/day Assess weekly	
<input type="checkbox"/> Dry desquamation				
<input type="checkbox"/> Sore, itchy and tight skin				
<input type="checkbox"/> Patchy, moist desquamation		RTOG 2B	Specific wound care Apply Flaminal® Hydro + absorbent non-adherent dressing Assess daily	
<input type="checkbox"/> Yellow or pale green exudate				
<input type="checkbox"/> Soreness and oedema				
<i>Areas of unbroken skin can still be treated with Flamigel® RT</i>				
<input type="checkbox"/> Confluent, moist desquamation		RTOG 3	Specific wound care depending on exudate level Apply Flaminal® Hydro, Flaminal® Forte + absorbent non-adherent dressing Assess daily	
<input type="checkbox"/> Yellow or pale green exudate				
<input type="checkbox"/> Soreness with oedema				
<input type="checkbox"/> Ulceration		RTOG 4		
<input type="checkbox"/> Bleeding				
<input type="checkbox"/> Skin necrosis				

Refer to tissue viability nurse

Care advice Flamigel® RT



- ✔ protects the skin
- ✔ soothes the pain⁷
- ✔ cools the skin¹²
- ✔ keeps the skin moist¹²
- ✔ reduces redness⁷



Flamigel® RT is not sticky or greasy. The patient can get dressed after Flamigel® RT application, without having to cover the area with a dressing or wait for it to dry.

How to apply⁵

FLAMIGEL® RT SHOULD NOT BE WASHED OFF BEFORE THE RADIOTHERAPY.⁷



Clean
Clean the treated skin area.



Dry
Dry the skin gently.



Treat
Apply 3x/day a liberal amount of Flamigel® RT to the treated area and a large zone around it, from day 1 of radiotherapy. Gently massage.

Order codes



40g
PIP CODE: -
NHS CAT NO.: ELY791

100g
PIP CODE: 4080677
NHS CAT NO.: ELY792

250g
PIP CODE: 4080685
NHS CAT NO: -

Flen Health advanced skin healing
www.flenhealth.com
info@flenhealth.com

CE Flamigel® RT
CE 0344 Flaminal® Hydro + Flaminal® Forte

References

- Rocha DM, et al. Scientific evidence on factors associated with the quality of life of radiodermatitis patients. Rev Gaúcha Enferm. 2018;39:e2017-0224. doi: <https://doi.org/10.1590/1983-1447.2018.2017-0224>
- Glean E. et al. Intervention for acute radiotherapy induced skin reactions in cancer patients: the development of a clinical guideline recommended for use by the college of radiographers. J Radiother Pract 2001;2:75-84.
- The Society and College of Radiographers. Skin care advice for patients undergoing radical external beam megavoltage radiotherapy. London, 2015. Available from: <http://www.sor.org/learning/document-library>
- Censabella S et al., Efficacy of a hydroactive colloid gel versus historical controls for the prevention of radiotherapy induced moist desquamation in breast cancer patients. Eur J Oncol Nurs. 2017;29:1-7
- Flamigel® RT instructions for use.
- Data on file. Flamigel® RT evaluation in 166 patients. 2019
- Data on file. Measurements of radiation dose at the skin for Flamigel® vs base dose. 2019
- Case study from Henny Hooiman, Careyn Maasland, The Netherlands
- Shi, R. Polyethylene glycol repairs membrane damage and enhances functional recovery: a tissue engineering approach to spinal cord injury. Neurosci Bull. 2013, 29(4): 460-466
- Kong et al. Polyethylene glycol as a promising synthetic material for repair of spinal cord injury. Neural Regen Res. 2017, 12(6): 1003-1008
- Flen patent: <https://patents.google.com/patent/CA2657718C/ar>
- Data on file. Tests in regard to aspects of absorbency and cooling.



Protecting the skin against radiotherapy-induced dermatitis with Flamigel® RT

Flamigel® RT

Clinically proven



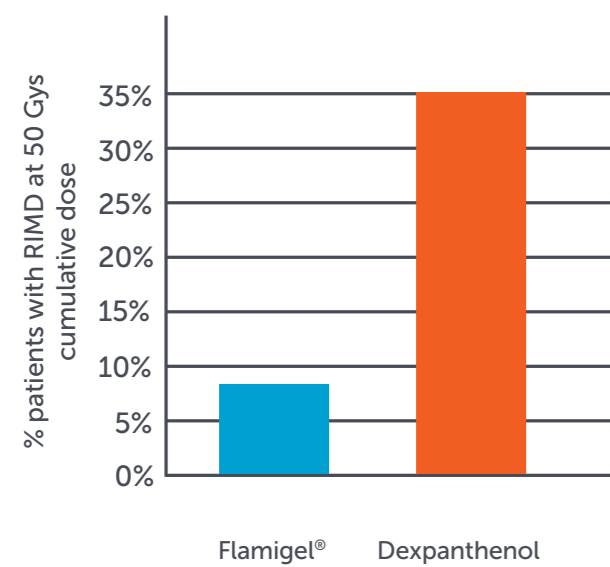
Efficacy of a hydroactive colloid gel versus historical controls for the prevention of radiotherapy-induced moist desquamation in breast cancer patients

Sandrine Censabella, PhD ^{a,*}, Stefan Claes, RN ^b, Marc Orlandini, MSc ^b, Roel Braekers, PhD ^{c,d}, Paul Bulens, MD ^b

^aJessa Hospital, Division of Medical Oncology, Stadsomvaart 11, 3500 Hasselt, Belgium
^bLimburg Oncology Centre, Stadsomvaart 11, 3500 Hasselt, Belgium
^cInteruniversity Institute for Biostatistics and Statistical Bioinformatics, Hasselt University, Agoralaan 1, 83590 Diepenbeek, Belgium
^dCatholic University of Leuven, Kapucijnenvoer 35, Blok D, Bus 7001, B3000 Leuven, Belgium

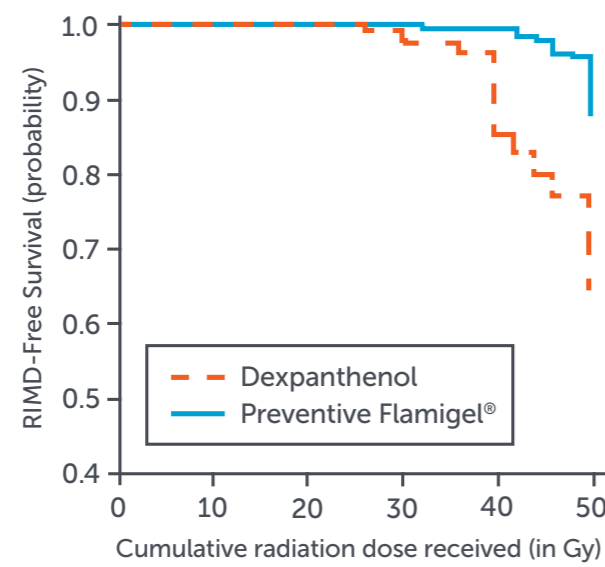
Applying Flamigel® RT from the start of radiotherapy delays the onset and reduces the incidence of moist desquamation by 80%.⁴

Only 7% of patients using Flamigel® from day 1 developed moist desquamation (RIMD), in comparison to 35% in the dexpanthenol group.⁴



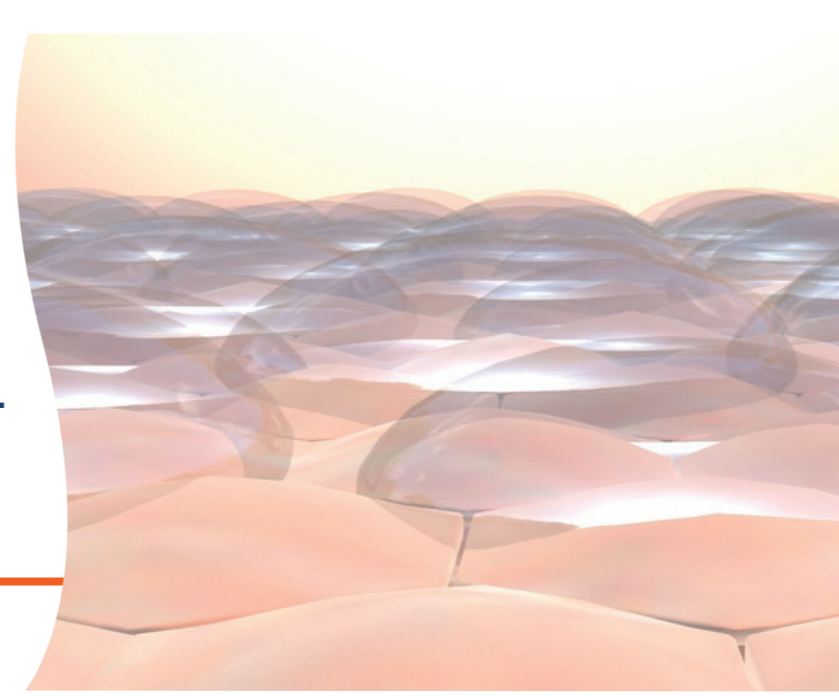
p < 0.0001

Preventive Flamigel®: N=202
 Dexpanthenol: N=131

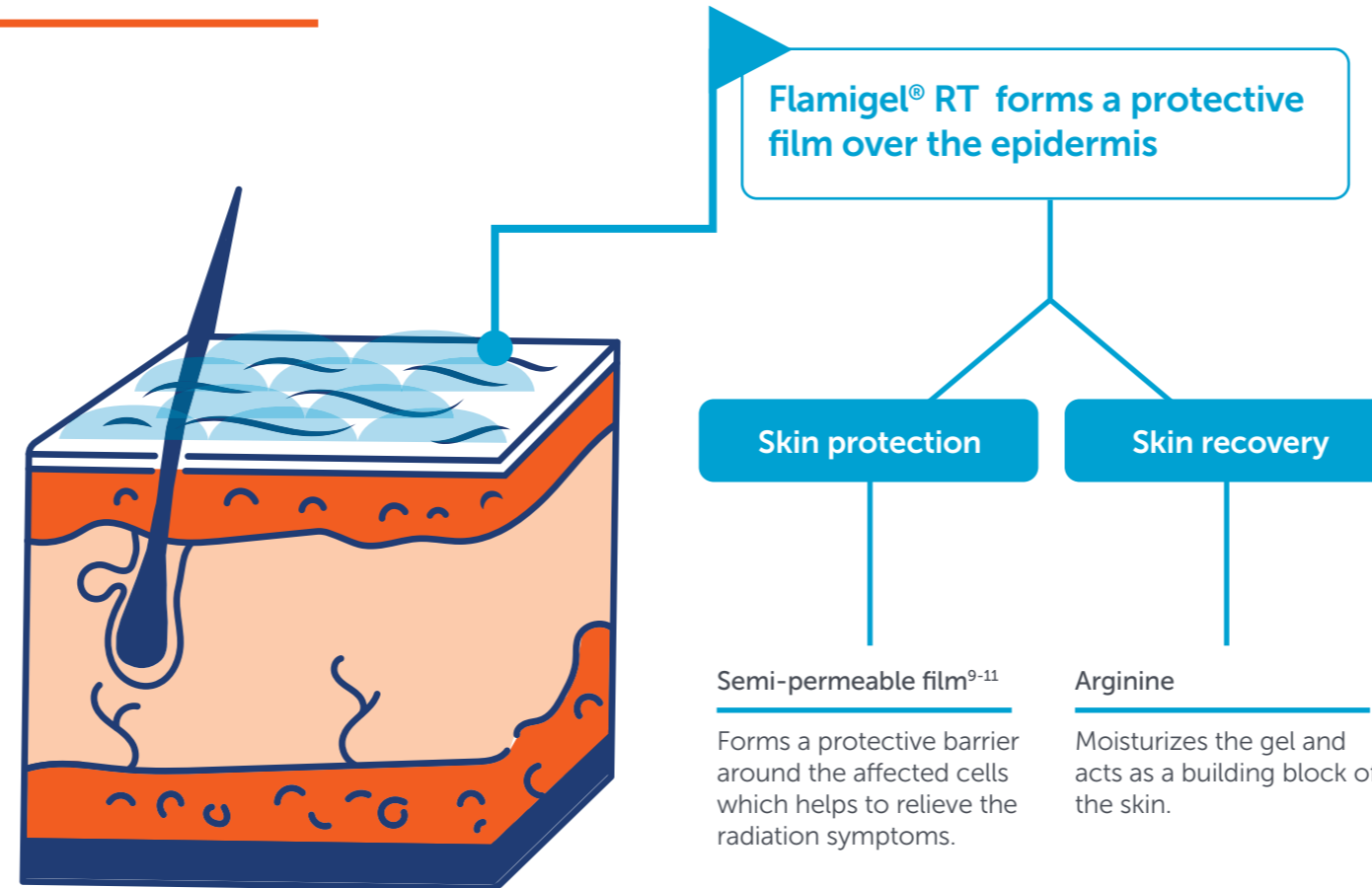


p (log rank) < 0.0001

Flamigel® RT is a smooth protective gel, which when applied to the skin, builds a barrier that protects the skin against radiotherapy-induced dermatitis.



How it works

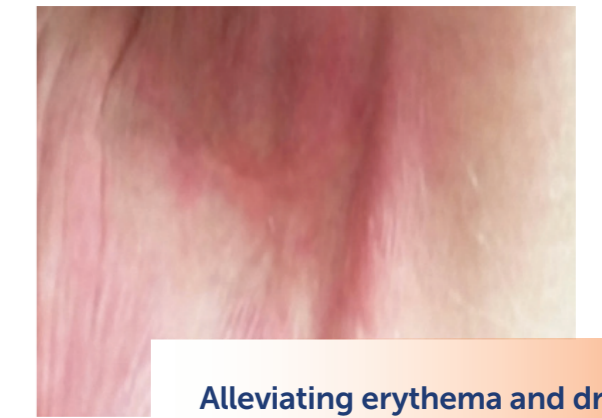
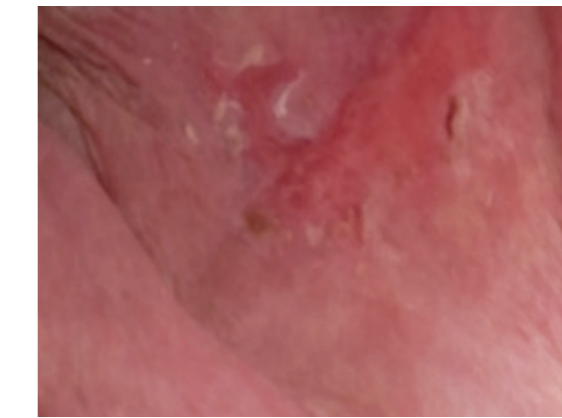


Flamigel® RT builds a moist protective barrier and supports skin regeneration between radiotherapy sessions.

Proven in real-world practice

Case study⁸

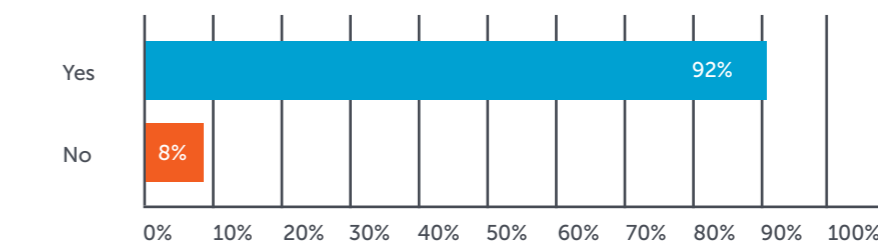
Patient treated with 33 radiotherapy sessions for a mouth carcinoma.



Alleviating erythema and dry desquamation with Flamigel® RT.

Flamigel® RT soothes the inflamed area.⁶

% of total responses (n=106)



3 out of 4 patients that used Flamigel® RT did not develop moist desquamation.⁶

% of total responses (n=162)

