

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 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					
<input type="checkbox"/> Mild tightness of the skin			RTOG 1	Apply 3x/day Assess weekly	
<input type="checkbox"/> Itching may occur					
<input type="checkbox"/> Bright erythema					
<input type="checkbox"/> Dry desquamation			RTOG 2A	Apply 3x/day Assess weekly	
<input type="checkbox"/> Sore, itchy and tight skin					
<input type="checkbox"/> Patchy, moist desquamation					
<input type="checkbox"/> Yellow or pale green exudate			RTOG 2B	Cleanse area Apply Flaminal® Hydro + absorbent non-adherent dressing Assess daily	
<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					
<input type="checkbox"/> Yellow or pale green exudate			RTOG 3	Cleanse area depending on exudate level Apply Flaminal® Hydro, Flaminal® Forte + absorbent non-adherent dressing Assess daily	
<input type="checkbox"/> Soreness with oedema					
<i>Refer to tissue viability nurse</i>					

Why use Flamigel® RT



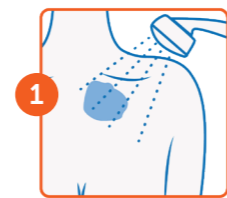
- ✓ Hydrates affected skin
- ✓ Restores moisture balance
- ✓ Reduces erythema, dry, itching, flaking, peeling or irritated skin (dry desquamation)
- ✓ Reduces moist desquamation
- ✓ Reduces pain, redness and heat by its cooling effect
- ✓ Provides a barrier against external contamination
- ✓ Creates optimal healing environment to accelerate cell renewal



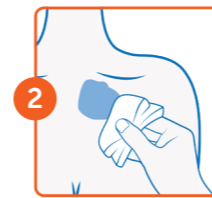
Flamigel® RT is not sticky or greasy. The patient can get dressed immediately after applying Flamigel® RT, there is no need to cover with a dressing or wait for it to dry

How to apply⁵

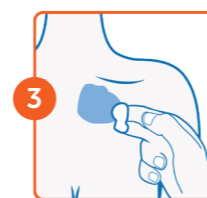
FLAMIGEL® RT DOES NOT NEED TO BE WASHED OFF BEFORE EACH RADIOTHERAPY SESSION ⁷



Clean
Clean the treated skin area.



Dry
Pat the skin dry, do not rub.



Treat
Apply 3 times per day a liberal amount of Flamigel® RT to the treated area.

Order codes



40g
PIP CODE: -
NHS CAT NO.: ELY815

100g
PIP CODE: 4080677
NHS CAT NO.: ELY816

250g
PIP CODE: 4080685
NHS CAT NO.: ELY817

Flen Health advanced skin healing
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info@flenhealth.com

CE 0344

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 Henry 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



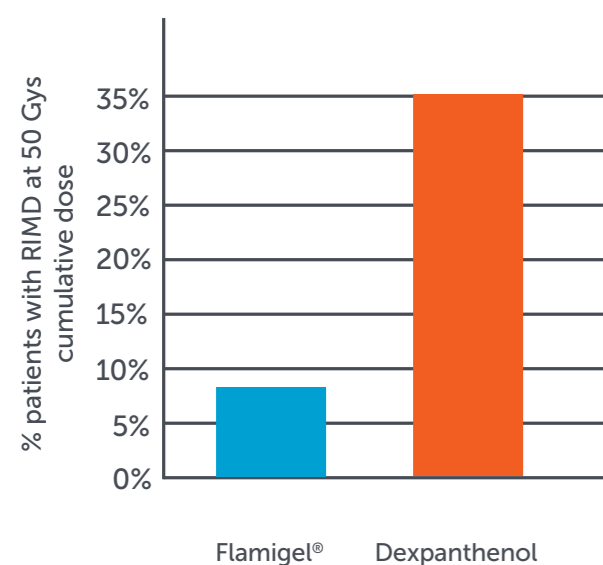
Efficacy of a hydroactive colloid gel versus historical controls for the prevention of radiotherapy-induced moist desquamation in breast cancer patients

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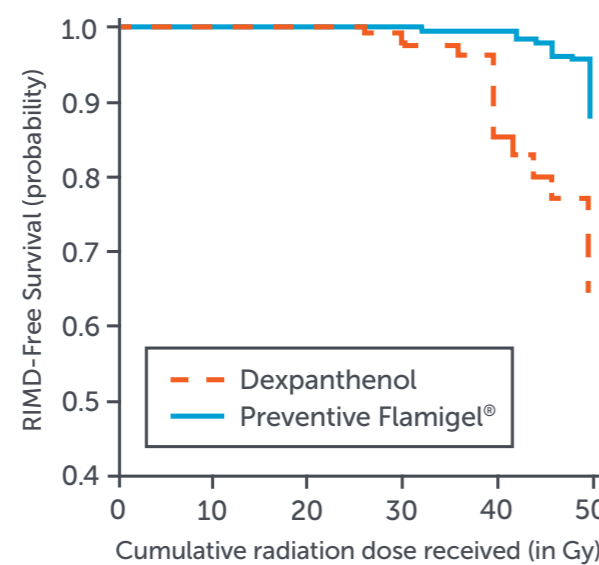
Applying Flamigel® RT from the start of radiotherapy delays the onset and reduces the incidence of moist desquamation⁴

Only 7% of patients using Flamigel® from day 1 developed moist desquamation (RIMD), in comparison to 35% in the dexpanthenol group⁴



p < 0.0001

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



p (log rank) < 0.0001

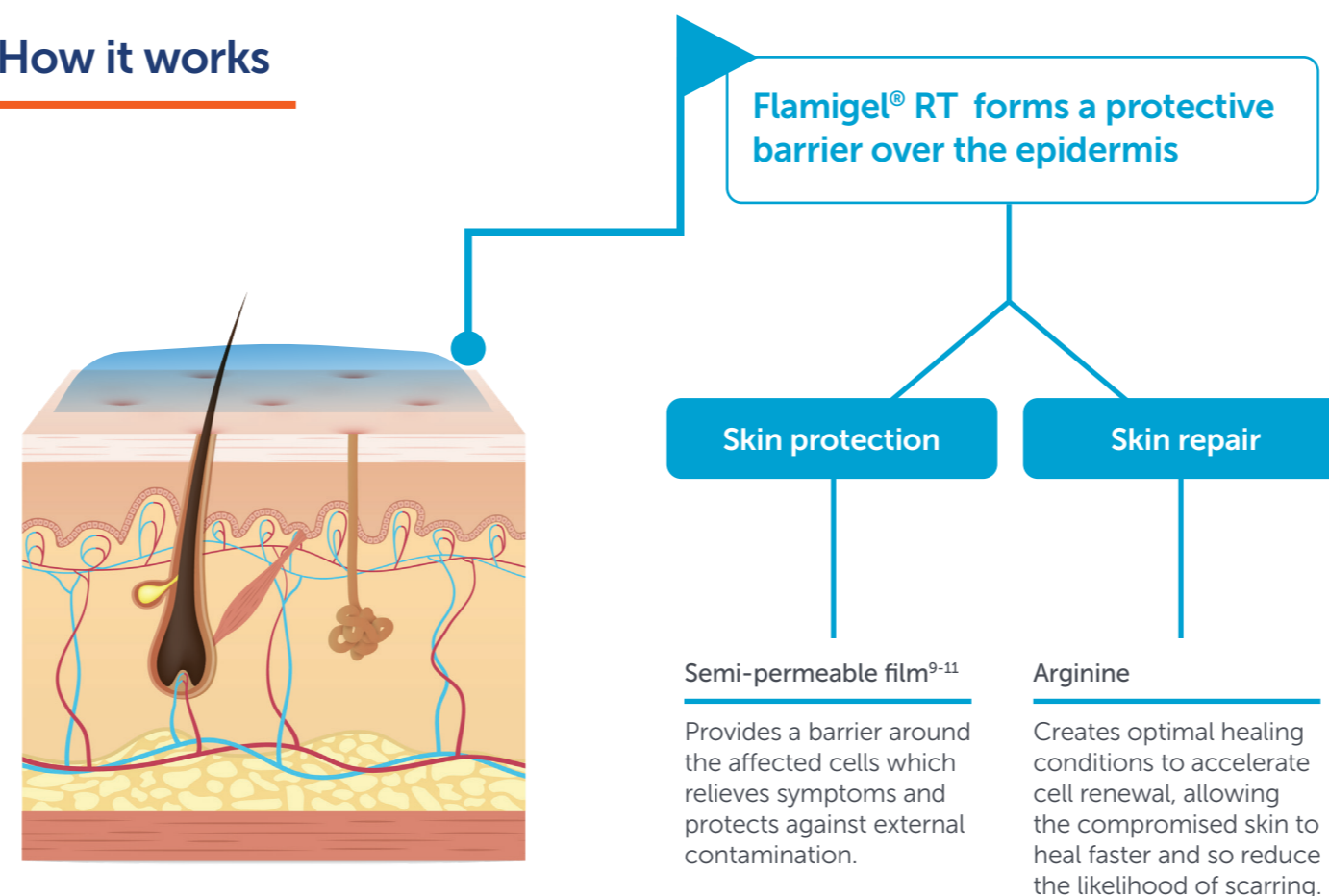
Flamigel® RT is a hydro-active colloid gel (not a moisturiser/emollient) which delays the onset and reduces the incidence of radiotherapy-induced moist desquamation

Flamigel® RT hydrates the affected skin area and restores moisture balance, reduces the intensity of early symptoms of radiotherapy-induced skin reactions such as red, dry, itching, flaking, peeling or irritated skin (dry desquamation). Flamigel® RT delays the onset and reduces the incidence of radiotherapy-induced moist desquamation (RIMD), therefore helps to continue the prescribed radiotherapy treatment by delaying the onset and reducing the incidence of radiotherapy-induced moist desquamation.

Flamigel® RT helps to reduce pain, redness and heat by its cooling effect, and therefore soothes the exposed skin areas. Flamigel® RT helps to create optimal healing conditions to accelerate cell renewal, allowing the compromised skin to heal faster and so reduce the likelihood of scarring.

The effectiveness of Flamigel® RT has been demonstrated in multiple case reports and has been clinically proven.^{1,2}

How it works



Flamigel® RT provides a 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.

Before treatment with Flamigel® RT



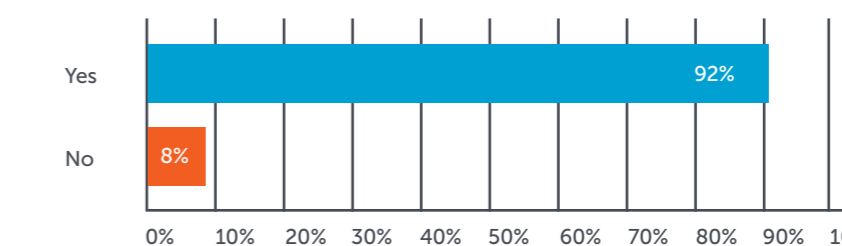
After treatment with Flamigel® RT



Flamigel® RT creates the optimal healing conditions by providing a barrier against contamination, hydrating the skin and reducing pain

Flamigel® RT soothes the inflamed area⁶

% of total responses (n=106)



3 out of 4 patients that used Flamigel® RT did not develop moist desquamation⁶

% of total responses (n=162)

