South Florida Radiation Oncology
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Introduction:
In 2011 our practice evaluated Radiaderm, a 2-step system of skincare products, as therapy for acute radiation dermatitis on breast, head and neck and skin cancer patients. R1 gel was applied after radiation treatment and R2 lotion was used several times during the day as determined by the patient.

In total, 12 symptomatic patients with acute radiation dermatitis used both products as follows; 6 breast cancer patients, 3 head and neck cancer patients and 3 skin cancer patients. All patients began applying the 2-step system after initial symptoms of radiation dermatitis occurred.

Results:
Patients reported feelings of relief, a lessening of pain or burning, and a reduction in tightness and itching. In addition, a lessening of post-radiation reaction quickly occurred in the affected areas when the patients began using the system, even though patients continued to undergo radiation treatment. All patients finished treatment with no break in radiation therapy.

Conclusion:
The 2-step system relieves patient discomfort during radiation treatment and appears to help soothe and minimize the post-radiation reaction. We will be recommending the use of this 2-step system for routine use for patients undergoing radiation therapy starting with their first treatment before symptoms occur.

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