

Abstract

Rationale Complications of skin that received radiation treatment. A complication that causes discomfort patients suffer the appearance and may need to stop the treatment. We need to learn to slow or reduce the occurrence of skin changes from radiation by using a product to prevent water loss and moisturizing of the skin during radiation.

Objective

To study the effectiveness of a cream to prevent water loss and moisturizing of the skin during radiation.

Materials and Methods

Experimental research In patients with cancer receiving radiation therapy in the head and neck, chest wall and pelvic area. They were treated with radiation therapy and / or Radiotherapy plus chemotherapy at the cancer hospital in Ubon Ratchathani 60 patients were selected. There been a loss of the protection and moisturizing of the skin. Dream Boyd Barrier Cream (Remoise barrier cream) on the skin that received radiation treatment. We should apply on the skin that received radiation therapy every day for one week, five times a day until complete healed. Changes in skin by measuring the moisture content of the skin in the area given daily before and after irradiation with CK Electronic Pen shaped Hydration Probe of Germany. During the first three hours after irradiation and evaluation of skin lesions that had been treated with radiation assessment. RTOG symptoms and disturbance of the skin should be assessed once a week.

Results

The average moisture of the skin of the patient prior to radiation when dry. The cream has both the average moisture of the skin of the patient increased in size and did not differ significantly statistically with the severity of the skin that occurs in the skin cream, two kinds of levels. same The same symptoms include skin rash, skin pigmentation, hair loss. Changes in the early stage dry desquamation, occurring in patients receiving head and neck radiation.

Conclusion

The results of the cream prevents water loss and increased skin hydration. Dream Boyd Barrier Cream (Remoise barrier cream) during irradiation showed the ability to maintain hydration of the skin during irradiation. And the moisture of the skin after radiation increased compared to other cream products.

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