

PHOTOBIMODULATION THERAPY FOR PREVENTION OF ACUTE RADIODERMATITIS IN BREAST CANCER PATIENTS: A CASE SERIES

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INTRODUCTION

The photobiomodulation therapy (PBMT) is indicated for the prevention of acute radiodermatitis (ARD) in breast cancer patients. The benefits of PBMT range from modulation of inflammation, tissue regeneration, pain relief, and patient satisfaction. The objective of this study was to describe the effects of PBMT in the prevention of ARD in breast cancer patients undergoing radiotherapy.

METHODS

This is a case series involving eight patients aged 41-70 who received PBMT with a variation of 2 to 3 sessions scheduled every 72 hours.

















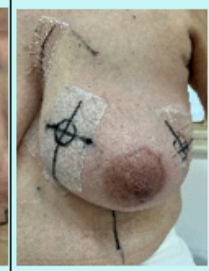

Photobiomodulation Outpatient Clinic
University Hospital of Brasília

Cluster RL (DMC, São Carlos, Brazil)
Red LASER – 660 nm
Power: 100 mW | Energy: 0.5 J
Contact mode, perpendicular to skin

Symptom monitoring
GRAL Scale
Photographic records



RESULTS

CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8
7° RT	8° RT	4° RT	6° RT	6° RT	4° RT	4° RT	9° RT
							
14° RT	14° RT	15° RT	14° RT	14° RT	14° RT	14° RT	15° RT
							

REFERENCES

