

Protective effect of the Cavilon™ on radiodermatitis in breast cancer patients undergoing radiotherapy

Paula de Paula Casotti,¹ Sérgio Gomes da Silva,¹⁻³ Ulisses de Barros Ramos,¹ Breno Jorge Silveira,¹ Fabrizio dos Santos Cardoso,^{1,4} Ana Carolina Ribeiro de Oliveira,¹ Marcos Luiz Bezerra Junior,¹ Rodrigo Bastos Tostes¹

¹Cancer Hospital of Muriaé, Fundação Cristiano Varella, Muriaé, Minas Gerais; ²Afya Itaperuna University Center, Itaperuna, Rio de Janeiro; ³D'Or Institute for Research and Education, Rio de Janeiro; ⁴São Vicente de Paulo Hospital, Bom Jesus do Itabapoana, Rio de Janeiro, Brazil

doi: 10.4081/dr.2026.10026

SUPPLEMENTARY MATERIAL

Supplementary Table 1. Individual clinical and radiotherapy characteristics of the 19 breast cancer patients included in the study.

Patient (#)	Age (years)	Race	Breast size	Radiation therapy start date	Radiation therapy end date	Radiation therapy sessions	Treatment dose (cGy)	Quadrant (1=sunflower oil; 2=Cavilon)	Did you experience radiation dermatitis?	Degree of radio dermatitis (Sunflower oil)	Degree of radio dermatitis (Cavilon)	Did it progress to degree IV?	Other measures
1	67	White	M	2021-10-19	2021-11-24	25	5000	1;2	Yes	2	1	No	None
2	70	Brown	L	2021-09-02	2021-10-07	25	5000	1;2	Yes	2	1	No	None
3	70	Brown	XL	2021-09-20	2021-09-25	25	5000	1;2	Yes	2	1	No	None
4	67	Brown	M	2021-09-02	2021-10-07	25	5000	1;2	Yes	1	1	No	None
5	80	Brown	M	2021-09-08	2021-10-13	25	5000	1;2	Yes	1	1	No	None
6	61	White	M	2021-10-13	2021-11-18	25	5000	1;2	Yes	1	1	No	None
7	62	Brown	L	2021-08-24	2021-09-28	25	5000	1;2	Yes	3	1	No	Patient received mometasone furoate cream on the 20th fraction, 4000 cGy.
8	71	White	M	2021-10-26	2021-12-01	25	5000	1;2	Yes	1	1	No	None
9	73	White	L	2021-09-28	2021-11-03	25	5000	1;2	Yes	2	1	No	None
10	79	Brown	M	2021-09-02	2021-10-07	25	5000	1;2	Yes	1	2	No	None
11	64	White	M	2021-09-20	2021-10-25	25	5000	1;2	Yes	1	0	No	None
12	78	Brown	XL	2021-11-16	2021-12-22	25	5000	1;2	Yes	3	3	No	Patient received mometasone furoate cream on the 13th fraction, 2600 cGy.
13	66	Brown	M	2021-08-23	2021-09-27	25	5000	1;2	Yes	1	1	No	None
14	79	Brown	L	2021-11-03	2021-12-08	25	5000	1;2	No	0	0	No	None
15	65	White	M	2021-10-04	2021-11-11	25	5000	1;2	Yes	1	0	No	None
16	72	Brown	L	2021-08-24	2021-09-28	25	5000	1;2	No	0	0	No	None
17	61	White	M	2021-09-01	2021-10-06	25	5000	1;2	Yes	1	1	No	None
18	79	Brown	M	2021-09-15	2021-10-20	25	5000	1;2	Yes	1	1	No	None
19	73	Brown	L	2021-10-18	2021-11-23	25	5000	1;2	Yes	2	1	No	None