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## Vitamin D levels in Mediterranean breast cancer patients compared with those in healthy women

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### Highlights

- Vitamin D insufficiency is common in healthy postmenopausal women.
- Breast cancer patients showed lower vitamin D levels than the healthy population.
- Vitamin D levels dramatically decreased after recent chemotherapy.
- Vitamin D levels had partially recovered by 2 years after chemotherapy.
- Vitamin D supplementation might be considered for breast cancer patients, especially after chemotherapy.

### Abstract

*Objectives:* To evaluate the vitamin D status of postmenopausal women with early estrogen-receptor-positive breast cancer and to compare it with that of healthy postmenopausal women from the same Mediterranean region.

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