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Association between Carcinoma Breast and Diabetes Mellitus among Women Seeking Healthcare in Tertiary Hospitals of South India: A Case Control Study

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Association between Carcinoma Breast and Diabetes Mellitus among Women Seeking Healthcare in Tertiary Hospitals of South India: A Case Control Study.

Abstract

Aim: To find out the association between carcinoma of breast and diabetes mellitus among women in South India. **Objectives:** To correlate and analyse the relation between carcinoma of breast and diabetes mellitus among post-menopausal women in South India. **Materials & Methods:** A total of 56 post-menopausal women diagnosed with carcinoma breast were recruited for analysis. A standard diabetes questionnaire was given. Patients were grouped according to their diabetic history. Data was analyzed using statistical package for social sciences (SPSS) version 11.5. $p \leq 0.05$ was taken as significant. **Result:** Our data revealed that though there were a few patients with carcinoma of breast who had diabetes, the number being much more in the non-diabetic group, there was no significant relation between carcinoma of breast & diabetes. **Conclusion:** The present study was conducted to bring out the baseline awareness among women about carcinoma of breast & diabetes mellitus. Patients also gained knowledge about other cancers & diabetes. There was no significant association analysed between carcinoma of breast & diabetes mellitus. It was needed to create a consciousness among our female population to go for early screening of cancers, especially carcinoma of breast at-least for a better quality of life.

Keywords: Diabetes mellitus, carcinoma of breast, post-menopausal women, prognosis, non-diabetic.