



Body Weight and Hematological Parameter Change in Advanced Breast Cancer Following Adjuvant Chemotherapy

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EDITORIAL NOTE

The majority of breast cancer patients are treated with adjuvant chemotherapy often in combination with other systemic treatment. Weight gain commonly occurs in western breast cancer patients who receive adjuvant chemotherapy. Weight gain is also associated with cancer recurrence and poor prognosis. Several studies have demonstrated that the majority of breast cancer survivors exhibited a mean body weight gain of 1-6 kg following chemotherapy and identified adjuvant chemotherapy as an independent prognostic factor for weight gain, with a potential long-term effect. However, other studies did not report a significant difference in weight gain between breast cancer patients receiving adjuvant chemotherapy and healthy controls.

The current volume 07, issue 3 various aspects of radiology were discussed by the authors from different parts of the world. In the research article, Luthfi M, et al.

Here are several factors contributing to weight change following adjuvant chemotherapy, such as age and weight at diagnosis,

menopausal status, chemotherapeutic regimen, receptor status, clinical stage and number of chemotherapy cycles.

Our study had several limitations, due to it's from a single centre and the relatively small sample size and we involve analyses only of two cycle of chemotherapy with doxorubicin and cyclophosphamide regimen.

REFERENCES

1. Winkels RM, Beijer S, Lieshout RV, Barneveld DV, Holstede J, et al. (2014) Changes in body weight during various types of chemotherapy in breast cancer patients. *e-SPEN Journal* 9: e39-e44
2. Sukel MP, van de Poll-Franse LV, Nieuwenhuijzen GA, Vreugdenhil G, Herings RM, et al. (2008) Abstract. *Eur J Cancer* 44..
3. Wang JS, Cai H, Wang CY, Zhang J, Zhang MX. (2014) Body weight changes in breast cancer patients following adjuvant chemotherapy and contributing factors. *Mol Clin Oncol* 2: 105-110.

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Received: March 28, 2020; **Accepted:** April 02, 2020; **Published:** April 07, 2020

Citation: Luthfi M, Wijaya I, Fadjar H (2018) Body Weight and Hematological Parameter Change in Advanced Breast Cancer Following Adjuvant Chemotherapy. *Chemo Open Access* 7: 262. doi:10.4172/2167-7700.1000262

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