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Prospective Study

Assessment of Breast Cancer Immunohistochemistry and Tumour Characteristics in Nigeria

Aliyu UM *et al.* Expression of biomarkers in breast cancer

Usman Malami Aliyu, Abdulrahaman Auwal Musa

Abstract

BACKGROUND

Female breast cancer is the leading type of cancer worldwide with an incidence of approximately 2.1 million in 2018. Hormone receptor status plays a vital role in its

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Evaluation of Immunohistochemical Profile of Breast Cancer ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6158994>

INTRODUCTION. **Breast** carcinoma is the most common malignant **tumor** and the leading cause of deaths due to carcinoma in women. It is more common in developed countries.[] There are so many types of **breast** carcinomas, but infiltrating ductal carcinoma is the most common histological type of **breast cancer**.[] The mainstay of **breast cancer** treatment is surgery when the **tumor** is localized, followed ...

Cited by: 3

Author: Prem Chand, Anubha Garg, Vandana Singla...

Publish Year: 2018

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Prognostic Insight to Breast Cancer Markers in Nigeria

<https://biomedres.us/fulltexts/BJSTR.MS.ID.003796.php> ▾

Immunohistochemistry is now a standard methodology in pathology laboratories used in providing substantial information with regard to diagnosis, **therapeutic prediction and prognosis of breast cancer**. Little is known about the **biology, molecular profile and optimal treatment** ...

Author: Samuel Temitope Soge, Oluwayemi Jos...

Publish Year: 2019

Immunohistochemistry for diagnosis and prognosis of breast ...

<https://pubmed.ncbi.nlm.nih.gov/31502889>

Breast cancer is the most prevalent malignant **tumor** and main oncologic cause of mortality in women. Although most diagnosis of **breast** pathology is accomplished using hematoxylin and eosin stained sections, some cases require **immunohistochemistry** for ...

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Immunohistochemistry of breast cancers is not **routinely determined in the developing countries** such as **Nigeria despite the invaluable prognostic and therapeutic information it provides**. This is attributed to the limited resources and the relatively high cost of IHC testing.

Cited by: 2**Author:** Ukah Co, Emegoakor C, Anyiam Dcd, On...**Publish Year:** 2017

[Breast Cancer Reporting in Lagos, Nigeria: Implications ...](#)

<https://ascopubs.org/doi/10.1200/JGO.2015.003079>

The most common presentation of lesions that affect the female **breast in Nigeria** is a symptomatic **breast** lump, and malignant **tumors** compose 20% to 26% of those lumps. 1 There is an increasing incidence of **breast cancer** in African countries, including **Nigeria**; 2 however, the actual burden of the disease is unknown. This is partly because there is no existing national program for early detection ...

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[The Immunohistochemical Profile of Breast Cancer in ...](#)

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Table 1: Frequency distribution of **breast cancer** patients by age groups. Table 2 illustrates clinicopathological **characteristics** of the patients as regards side of lesion, type of biopsy, **tumour** size, histologic subtype, and **tumour** grade. The left **breast** was more affected at 59.3% (73/123). As regards **tumour** size at presentation, none of the patients had a **tumour** size less than 2cm; the ...

Cited by: 2**Author:** Ukah Co, Emegoakor C, Anyiam Dcd, On...**Publish Year:** 2017

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