



Glucosodiene: Opening a New Branch of Chemotherapeutic Sciences Called Toxinutromedical-Chemotherapy

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Letter to Editor

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Abbreviation: TNBC: Triple-Negative Breast Cancer.

Letter to Editor

Chemotherapy is a widely employed treatment modality in the fight against cancer aiming to eliminate both normal and cancerous cells. However, its non-discriminatory nature leads to severe side effects [1].

On the other hand, the treatment involving glucosodiene has shown promising results, particularly after the submission of a manuscript presenting its effectiveness in treating the first human case of triple-negative breast cancer (TNBC) that had metastasized to the bones [2].

The patient achieved complete recovery in less than a month. Research studies proposing and discussing the impact of glucosodiene as a promising theory for cancer treatment have shed light on its ability to modify glucose and endow it with alkaline properties [3,4]. This modification potentially allows for the destruction or metabolic inhibition of glucose within the tumor, a phenomenon known as the Warburg effect. Despite the ongoing extensive study to document the final chemical structure of glucosodiene [5-8], this approach and its results may herald a new branch of chemotherapy known as "toxinutromedical-chemotherapy."

This field can be defined as a science dedicated to exploring the possibility of modifying cellular nutrition, specifically glucose, and imbuing it with chemical, alkaline,

and therapeutic properties through substitution reactions or by loading therapeutic agents onto glucose. Consequently, this approach achieves direct killing of cancer cells through their metabolic activity and their avidity for glucose. The promising results demonstrated by glucosodiene merit further investigation and study within this emerging field.

Statements and Declarations

The authors declare that there are no conflicts of interest.

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