



SciForum MOL2NET

Adjuvant effect of *Zingiber Officinale L.* in cancer patients

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1. Introduction

Chemotherapy is a method used with cytotoxic drugs aimed at the treatment of biological diseases like cancer. There are more than 100 types of cancer and treatment, although effective, causes several adverse effects to patients. One of the most prevalent effects is the incidence of emesis and nausea. In order to gain control of these events, patients undergo more drug treatment before chemotherapy infusions, and often the emesis and nausea are so

intense that many patients find it difficult to adhere to treatment. Ginger is an herbaceous plant that has several properties, rich in phenolic compounds and terpenoids, ginger has always been used for various medicinal purposes and is until the present day.

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2. Results and Discussion

For adjuvant therapy to cancer treatment ginger has an antiemetic action where it acts in the gastrointestinal tract peripherally, increasing tone and gastric motility, and gastric emptying, through its anticholinergic and antiserotonergic action. The mechanism of action is not yet fully understood. Ginger has volatile oils like

gingerol and shogaol that are its chemical constituents that act against emeses and nauseas.

3. Materials and Methods

Five articles of the literature were used for study. Two contained tests where reports were found where 0.5 to 1 g of ginger were used daily where it resulted in benefit to oncology patients..

4. Conclusions

With this we can observe the great potential against emesis and nausea of ginger where more studies should be dedicated to the emergence of new herbal medicines.

Author Contributions

Thyago Fernandes dos Santos

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Conflicts of Interest

State any potential conflicts of interest here or “The authors declare no conflict of interest”.

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