

# Role of Clove in Skin Cancer

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**Abstract:** Clove is considered as champion spice and consists full of antioxidants due to the fact it contains high phenolic compounds. As we know Cloves are the aromatic flower buds of tree in the family Myrtaceae, Syzygium Aromaticum. It contains many nutrients, rich in antioxidants, may help protect against cancer, helps to reduce stomach ulcers, can help to promote bone health etc.

Skin cancer is the abnormal growth of cells, which is believed that it us developed on the areas which are highly exposed to the sun but it is not true it can also affect those areas which are not exposed to the sun. Due to changing lifestyle and continuous exposure too the UV rays which is another main reason. If it remains untreated for six long weeks then the person would reach to a vulnerable state.

Skin cancer is defined into two main types:-

- Melanoma skin cancer
- Non melanoma skin cancer

**Keywords:** Syzygium aromaticum, antiviral activity, antioxidant activity, antimicrobial property, aromatherapy.

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## Introduction

Cloves are commonly used as spice. Essential oil extracted from this aromatic plant not only serves as flavour and fragrant agent but also as a dietary antioxidant expected to prevent several disease caused by free radicals. Apart from its usage in aromatherapy there are its other uses also like it can be used for reducing inflammation, acne, used to cure stomach problems, pain reliever etc.

Clove oil contains eugenol which has antimicrobial property, to kill bacteria and also acts as pain reliever. It's dried flowers buds, leaves and stem are used to make medicine for various purposes.

This essential oil comprises in total 23 identified constituents, among them eugenol comprises of

(76.8%), followed by beta-caryophyllene (17.4%), alpha-humulene (2.1%), and eugenyl acetate (1.2%) as the essential components.

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