

عنوان مقاله:

The effects of using pure honey and honey mouthwash in treatment of mucositis and stomatitis

محل انتشار:

دوازدهمین کنفرانس بین المللی بهداشت، درمان و ارتقای سلامت (سال: 1401)

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خلاصه مقاله:

Background and objective: Head and neck cancer is the seventh most common malignancy worldwide in ۲۰۱۸; standard cancer treatments include surgery, radiotherapy, and chemotherapy. However, all these methods have dangerous side effects. Oral mucositis and stomatitis are two important complications of these methods. Honey is used as a food source as well as medicine. Honey has a wide range of biological effects. The purpose of this study is to investigate the effects of honey mouthwash and honey on mucositis and stomatitis lesions caused by radiotherapy and chemotherapy. Method: In our study, we reviewed most of the studies of the last ۵ years about honey and honey mouthwash through the Google Scholar browser. Finding: The research results showed that honey has a wide range of biological effects. Local consumption of raw honey can effectively prevent mucositis lesions and weight loss, reduce their severity, improve the treatment process and duration of treatment, and significantly create a pain-free treatment process; Therefore, the use of honey during and after radiochemotherapy is recommended. Also, the use of honey mouthwash in patients treated by head and neck radiotherapy and chemotherapy can prevent weight loss and osteomyelitis lesions in these patients and reduce the symptoms of oral osteomyelitis. minimize; on the other hand, chlorhexidine mouthwash can prevent mucositis in patients undergoing chemotherapy and radiotherapy, but because this mouthwash can have toxic effects (for example, discomfort caused by mouthwash, change in taste and staining of teeth) It seems that honey and honey mouthwash can be a good substitute for it. It seems that in order to better evaluate and resolve some contradictions, it is necessary to conduct more detailed studies with more statistical society, and to determine exactly which honey product and with what in each study. Additives used. Conclusion: The results of the investigations showed that honey and honey mouthwash are effective in reducing the side effects of patients undergoing radiotherapy and chemotherapy and can be a suitable alternative to chlorhexidine mouthwash.

کلمات کلیدی:

honey, mouthwash, Chlorhexidine, stomatitis, mucositis, radiochemical therapy

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