

Editorial

Risks to Asthmatic Patients from The Consumption of Pickles

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Pickled foods in Middle Eastern countries are usually salty. The manufacture of pickles involves many chemical reactions. Pickling can preserve food for several months, because acidic marinades inhibit the growth of bacteria and fungi. Pickling was developed to allow foodstuffs to be used out of season. On the other hand, the taste of pickles is valued. Pickle consumption is relatively high in cold weather (Akçay et al., 2014; Woods et al., 2003).

People with asthma must be cautious when consuming pickles. Acidic steam from vinegar can cause severe asthmatic attacks. Moreover, pickles and condiments can seriously injure the gastrointestinal system (Akçay et al., 2014). Acidic blood can be neutralized by alkalis. If pickles are consumed, alkaline minerals may be recovered from storage in the body, notably calcium from the bones. This can diminish the body's reserve of calcium. Heavy consumption of pickled foods can lead to osteoporosis in postmenopausal women and in people who have, or are prone to develop kidney stones. In the elderly, heavy consumption of pickled foods may lead to weakness of the respiratory and nervous systems. It may induce severe coughing which could lead to asthma (Bracken et al., 2002; Rosenkranz et al., 2012; Subbarao et al., 2009). Pickles stimulate the secretion of digestive enzymes, increasing the rate of digestion. This can increase food intake, leading to obesity. Pickles are salty, limiting their value for patients with renal failure, cardio-

vascular disease or high blood pressure, and for smokers. In general, the consumption of pickles is likely to present risks to people with respiratory disorders such as asthma, and to those with gastrointestinal disorders.

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