Dear Editor,

Many people have the tendency to use fruit for disease treatment or prevention because it is a safe method. The pomegranate is a remedial fruit. According to the Qur’an, pomegranates grow in the gardens of paradise (1). In traditional Indian medicine, the pomegranate is frequently described as an ingredient in remedies (2). Phytochemicals from fruits such as the pomegranate may inhibit cancer cell proliferation and apoptosis through the modulation of cellular transcription factors and signaling proteins (3). Pomegranate peel extract can partially inhibit the development of colonic premalignant lesions in an azoxymethane-induced colorectal carcinogenesis model, by abrogating oxidative stress and improving the redox status of colonic cells (4). Researchers have indicated the potential use of standardized pomegranate rind extract as a nutraceutical for antibacterial, anti-inflammatory, and anti-allergic proposes (5). Anti-inflammatory (Arachidonate 5-lipoxygenase or 5-LOX) and cytotoxic (MCF-7) activities from flowers of pomegranates have been investigated, and the results of this investigation confirmed that pomegranate flowers are powerful anti-inflammatory and cytotoxic for the inhibition of human breast cancer (6). In another study, researchers demonstrated that pomegranate seed oil is highly relevant regarding osteoporosis. Indeed, it offers promising alternatives in the design of new strategies in nutrition management of age-related bone complications (7). One of the beneficial effects of the fruit rind of pomegranates is treatment of malarial disease, showing that it can have an anti-parasitic activity (8). Evidence to date has suggested it may be prudent to include this fruit juice in a heart-healthy diet, which means that pomegranate juice has potential cardioprotective benefits (9).

Recent medical biochemistry studies have confirmed that most elements and derivations of pomegranates have efficacy in treatment and protection of human body systems. These suitable functions include antibacterial, anti-parasitic, anti-cancer, anti-inflammatory, and anti-allergic aspects.

Footnote

Authors’ Contribution: Study concept and design, Sayed Alireza Mirsane and Neda Mirbagher Ajorpaz; acquisition of data, Sayed Alireza Mirsane; analysis and interpretation of data, Shima Shafagh and Sayed Alireza Mirsane; Study supervision, Shima Shafagh.

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