



Retrospective study on the therapeutic effects and nutritional values of camel's milk

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Abstract

Camel milk Camel milk is an excellent substitute for human milk and does not contain β -lactoglobulin. This study intends to review the therapeutic effects of nutritional values of the camel milk in the

treatment of different human diseases. MEDLINE from 1946 to March 2016, EMBASE from 1974 to March 2016, and Google Scholar were searched using the following terms: milk, bodily secretions, camels, camelus, camelides, dromedary, *bactrian camel*, insulin and nano antibodies. The identified articles were reviewed, if the study was investigating the use of camel milk for the potential treatment of diseases that affecting humans. Accordingly, 24 out of 430 studies were included after assessment. The identified studies highlighted the application of camel milk in the treatment of diseases, including diabetes, autism, cancer, various infections, heavy metal toxicity, colitis, and alcohol-induced toxicity. Although most studies using both the human and animal model, a clinical benefit with an intervention of the camel milk, showed variations and sometimes limitations, therefore, the observations of the reviewed studies must be taken into consideration. In conclusion, and based on the evidences of the reviewed studies, the authors recommend to do more future studies on camel milk before consider it to replace the standard therapies for any human diseases.

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