USING OF MEDICINAL PLANTS AMONG PEOPLE LIVING WITH HIV

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Abstract: The using of traditional medicine in the world is well recognized to treat different health problems, which is evidenced by the variety of natural and plant products available on the market and the presence of markets specialized in trading medicinal plants. The aim of this study was to interview a group of people living with HIV on using of medicinal plants. Participants (n = 86) were grouped into those who frequently use medicinal plants (n = 51) and those who do not use any type of complementary medicine (n = 35). We found that all study participants had used complementary therapies to treat diseases before being diagnosed reactive to HIV, and a high proportion of these participants turn constantly to the using of medicinal plants to supplement their anti retroviral treatment in order to maintain and improve their health and quality of life.

Keywords: Medicinal plants, People, HIV

REFERENCES

AIDS.gov. Who is at risk for HIV?. (2016). https://www.aids.gov/hiv-aids-basics/prevention/reduce-your-risk/who-is-at-risk-for-hiv/ (Accesed March 2016).

Cho M, Ye X, Dobs A, Cofrancesco, J Jr. (2006). Prevalence of complementary and alternative medicine use among HIV patients for perceived lipodystrophy. J Altern Complement Med, Jun;12(5):475-82.

Chung IM, Kim YO, Ali M, Kim SH, Park I, Kim EH, Yang YS, Park HR, Son ES, Ahmad A. (2014). Triterpene glycosides from red ginseng marc and their anti-inflammatory activities. Bioorg Med Chem Lett. Sep 1;24(17):4203-8.

Moltó J, Valle M, Miranda C, Cedeño S, Negredo E, Barbanoj MJ, Clotet B. (2011). Herb-drug interaction between Echinacea purpurea and darunavir-ritonavir in HIV-infected patients. Antimicrob Agents Chemother. 55(1):326-30.

Moltó J, Valle M, Miranda C, Cedeño S, Negredo E, Clotet B. (2012). Herb-drug interaction between Echinacea purpurea and etravirine in HIV-infected patients. Antimicrob Agents Chemother.

Pathak GP, Vineet S, Gurdeep S and Amitoz K. (2013). Neem (Azadirachta indica):traditional

medicine for house-hold remedy against various human and animal ailments: Review, World journal of pharmacy and pharmaceutical sciences, 2(5): 3854-3860.

Pedroza-Escobar D, Serrano-Gallardo LB, Sevilla-González MDLL, López-García S, Escobar-Ávila EAD, Luna-Herrera J, & Vega-Menchaca MDC.(2016). Effect of neem (Azadirachta indicia A. Juss.) leaf extracts in human T lymphocytes. Indian Journal of Traditional Knowledge Vol. 15 (2):219-22.

Sung H, Jung YS, Cho YK. (2009).Beneficial effects of a combination of Korean red ginseng and highly active antiretroviral therapy in human immunodeficiency virus type 1-infected patients. Clin Vaccine Immunol. Aug;16(8):1127-31.

Sung H, Kang SM, Lee MS, Kim TG, Cho YK. (2005). Korean red ginseng slows depletion of CD4 T cells in human immunodeficiency virus type 1-infected patients. Clin Diagn Lab Immunol. Apr;12(4):497-501.

Takeda, K and Okumura, K. (2015). Interferon-γ-Mediated Natural Killer Cell Activation by an Aqueous Panax ginseng Extract. Evid Based Complement Alternat Med. 2015:603198.

UNAIDS. AIDSinfo I UNAIDS. (2016). http://aidsinfo.unaids.org/ (Accessed March 2016).

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