







### CONCLUSION

*Cocos nucifera* is a widely dispersed plant that has important pharmacological effects with low toxicity. Furthermore, medicinal use of *C. nucifera* has an environmental appeal, since this plant is widely used in the food industry and use of discarded plant parts will reduce waste and pollution. The pharmacological effects of the plant differ according to the part of the plant or fruit used. Antioxidant activity predominated in the constituents of the endocarp and coconut water. Within the limitations of the study, green coconut water proved to be a valuable antifungal agent against *Candida albicans*

### REFERENCE

- Greenberg MS, Glick M, Ship JA. Red and white lesions of oral mucosa. *Burket's Oral Medicine*. 11th ed. 2008, Hamilton, Ont: BC Decker.79-84.
- Dangi YS, Soni ML, Namdeo KP. Oral candidiasis: A review. *Int J Pharm Pharm Sci* 2010;2:36-41.
- Samaranayake LP, Keung Leung W, Jin L. Oral mucosal fungal infections. *Periodontol* 2000 2009;49:39-59.
- Manisha DebMandal, Shyamapada Mandal. Coconut (*Cocos nucifera* L.: Arecaceae): In health promotion and disease prevention .*Asian Pacific Journal of Tropical Medicine* 2011:241-247
- Ang, S.L.P; Yong, J.W.H. A protocol for *in vitro* germination and sustainable growth of two tropical mistletoes. *Plant Cell Tiss. Org. Cult.* 2005, 80, 221–228.
- Vermeulen, K.; Strnad, M.; Kryštof, V.; Havlicek, L.; Van der Aa, A.; Lenjou, M.; Njis, G.;Rodrigus, I.; Stockman, B.; Van Onckelen, H.; Van Bockstaele, D.R.; Berneman, Z.N.Antiproliferative effect of plant cytokinin analogues with an inhibitory activity on cyclindependent kinases. *Leukemia* 2002, 16, 299–305.
- Rattan, S.I.S.; Clark, B.F.C. Kinetin delays the onset of ageing characteristics in human fibroblasts. *Biochem. Biophys. Res. Commun.* 1994, 201, 665–672.
- United States Department of Agriculture (USDA). *National Nutrient Database for Standard Reference, 2008. Nuts, coconut water* [Online]. Available: [http://www.nal.usda.gov/fnic/foodcomp/cgi-bin/list\\_nut\\_edit.pl/](http://www.nal.usda.gov/fnic/foodcomp/cgi-bin/list_nut_edit.pl/), accessed on 9 December 2009.
- Nayak A, Nayak RN, Bhat K. Antifungal activity of a toothpaste containing ganodermalucidum against *Candida albicans*-An *in vitro* study. *J Int Oral Health* 2010;2:51-7
- Lopes, M.A.; Larkins B.A. Endosperm origin, development and function. *Plant cell* 1993, 5,1383–1399.
- Janick, J.; Paull, R.E. *The Encyclopedia of Fruit & Nuts*; CAB International: Wallingford, UK, 2008; p. 112.
- Patrick, J.W.; Offler, C.E. Compartmentation of transport and transfer events in developing seeds. *J. Exp. Bot.* 2001, 52, 551–564.
- Yong JW, Ge L, Ng YF, Tan SN. The chemical composition and biological properties of coconut (*Cocos nucifera* L.) water. *Molecules* 2009; 14: 5144-5164, doi: 10.3390/ molecules14125144.
- Solangih A, Iqbal ZA. Chemical composition of meat (kernel)and nut water of major coconut (*Cocos nucifera* L.) cultivars at coastal area of Pakistan. *Pak. Am J Bot* 2011; 43:357-363.
- Esquenazi MD, Wigg MM, Miranda, Rodrigues HM, Tostes JBF, Rozental S, et al. Antimicrobial and antiviral activities of polyphenolics from *Cocos nucifera* Linn. (Palmae) husk fiber extract. *Res Microbiol* 2002; 153: 647-652, doi: 10.1016/ S0923-2508(02)01377-3.
- Gandhi M, Aggarwal M, Puri S, Singla SK. Prophylactic effect of coconut water (*Cocos nucifera* L.) on ethylene glycol induced nephrocalcinosis in male wistar rat. *Int Braz J Urol* 2013; 39: 108-117
- Rajamohan T, Anurag P. Cardioprotective effect of tender coconut water in experimental myocardial infarction. *Plant Food Hum Nutr* 2003; 58: 1-12.
- Sandhya VG, Rajamohan T. Beneficial effects of coconut water feeding on lipid metabolism in cholesterol-fed rats. *J Med Food* 2006; 9: 400-407, doi: 10.1089/jmf.2006.9.400.
- Renjith RS, Chikku AM, Rajamohan T. Cytoprotective, antihyperglycemic and phytochemical properties of *Cocos nucifera* (L.) inflorescence. *Asian Pac J Trop Med* 2013; 6: 804-810.
- E.B.C. Lima1, C.N.S. Sousa1, L.N. Meneses1, N.C. Ximenes1, M.A. Santos Júnior1, G.S. Vasconcelos1, N.B.C. Lima2, M.C.A. Patrocínio2, D. Macedo1 and S.M.M. Vasconcelos1 *Cocos nucifera* (L.) (Arecaceae): A phytochemical and pharmacological review *Brazilian Journal of Medical and Biological Research* (2015) 00(00): 1-12.
- Barani K, Manipal S, Prabu D, Ahmed A, Adusumilli P,JeevikaC. Anti-fungal activity of *Morinda citrifolia* (noni) extracts against *Candida albicans*: An *in vitro* study. *Indian J Dent Res* 2014; 25:188-90
- Shireen F, Manipal S, Prabu D. Anti-fungal activity of Aloe vera: *In vitro* study. *SRM J Res Dent Sci* 2015;6:92-5.