Efficacy of coconut oil for the treatment and prevention of oral cancer

Anti oral cancer potential of different coconut oil compounds as well as their target protein and pathways were explored. Compounds from coconut oil like lauric acid, β-sitosterol, oleic and palmitic acid can target almost 20 cancer associated proteins. In enriched pathways analysis, it has been evident that all of them are the part of different cancer associated pathways. Results from the microarray of oral cancer cells vs normal cells reveals that some of the above selected protein differentially expressed in oral cancer indicating that coconut oil may have therapeutic potential for the trreatment and prevention of oral cancer.[1]

Results of a study on Metabolic management of brain cancer– "We provide information on a new alternative approach to brain cancer management using restricted ketogenic diets. This therapeutic approach is based on the principles of evolutionary biology, metabolic control theory and the Warburg theory of cancer"[2]

Results of a study on the Effects of a ketogenic diet on the quality of life in 16 patients with advanced cancer : A pilot trial – "These pilot data suggest that a ketogenic diet is suitable for even advanced cancer patients. It has no severe side effects amd might improve aspects of quality of life and blood parameters in some patients with advanced metastatic tumors"[3].

1.Excerpt from the contributed paper : "Efficacy of coconut oil for the treatment and prevention of oral cancer" by Dr. Amit Ghosh, Assistant Profssor, Department of Physiology, All India Institute of Medical Sciences, Bhubaneswar, India at the 2nd International Conference on Coconut Oil 2017, Bangkok, Thailand during 15-18 March 2017.

2.Metabolic management of brain cancer by Thomas N. Seyfried, Michael A. Kiebish, Jeremy Marsh, Laura M. Shelton, Leanne C. Huysentruyt and Purna Mukherjee - , Biochimica et Biophysica Acta 1807(2011) 577-594.

3.Source : Effects of a ketogenic diet on the quality of life in 16 patients with advanced cancer : A pilot trial by Melanie Schmidt, Nadja Pfedzer, Michael Schwab, Ingrid Strauss and Ulrike Kammerer –Nutrition and Metabolism 201;8:54.