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Diametrol: A functional food to support normal blood sugar and wellness

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Current drug therapies for the type 2 diabetes mellitus (T2DM) do not address the detrimental interactions of circulating reactive sugar molecules. Postprandially, these sugar molecules along with fats/lipids, as contained in a normal diet, are capable of invoking glucotoxicity and lipotoxicity in human body leading to the formation of Insulin Resistance (IR), the hall mark of T2DM. Metformin, one of the most important hypoglycemic drugs being used for decades to treat T2DM, originated from the plant, goat's rue. Similarly, there exist many such sources in the nature which together in an appropriate proportion may provide synergistically a greater support to maintain normal blood sugar and wellness in humans. Diametrol is such a product, known as a functional food, which in addition to proving many important nutritional benefits is also capable of maintaining a better quality of life by improving many bodily functions. Since IR is known to be detrimental to human health, Diametrol was, therefore, tested anecdotally on some pre-diabetics (n=10), to investigate initially if this product could have any efficacies. The results are summarized below under the image, showing a significant reduction of IR in these pre-diabetics, indicating thus, that Diametrol could be useful for people with blood sugar related problems. A randomized case-control clinical trial was therefore conducted on non-ambulatory T2DM patients (n=20, F=10) having uncontrolled blood sugars with concomitant diabetes-related diseases. Diametrol showed significant effects in lowering blood sugars and as a remarkable anti-inflammatory product. The overall observations indicate Diametrol to be highly beneficial to both diabetics and pre-diabetics.

Biography

Martha Dawson has been actively engaged in the practice of Dentistry in private as well as Teaching and Dental Research at the University of Alabama at Birmingham School of Dentistry, and has served on the Executive Committee of Dental Practice Based Research in Evidence Based Dentistry as well as Preventive Health. She has remained involved and committed to the study and practice of health lifestyle and nutritional practices. She has published several important papers in well reputed journals dealing with particularly health of elderly populations. Since the concept and efficacies of functional food are significantly beneficial for human health, particularly for the geriatric populations, she is closely working on evaluating and promoting several nutritional supplements.

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