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Case series on co-relation of vitamin D with lipid profile in type 2 diabetes mellitus patient

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Type 2 diabetes mellitus is a hereditary chronic endocrine metabolic disorder, and one of the major causes of deaths worldwide. Type 2 diabetes mellitus is also associated with a high risk of cardiovascular disease, blindness, nephropathy and neuropathic complications. Vitamin D is a fat-soluble vitamin and functions in bone homeostasis and metabolism. Vitamin D deficiency plays an important role in diseases like hypertension, cardiovascular disease, type 1 and 2 diabetes, osteoporosis, cancers etc. Lipid profile had major effect in many diseases and insulin and vitamin D play an important role on the lipid's metabolism and its complications. The objective of this study is to determine the association between levels of vitamin

D and lipid profile in patients with type 2 diabetes mellitus. For the purpose case reports of twenty patients is collected which suggests that vitamin D deficiency is associated with cardiovascular disease via its effect on lipid profiles in patients with type 2 diabetes mellitus.

Speaker Biography

Assem Babbar is pursuing the Doctor of Pharmacy (Post Baccalaureate) course at the age of 25 years from Uttarakhand Technical University, Dehradun, India. She is the student of 2nd year of this course at the Shri Guru Ram Rai Institute of Technology & Science, Dehradun, India.

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