

Prof Dr. V.Seshiah

M.D.,FRCP, FACP, D.S.c., D.Sc., D.Sc (Hony) ..

PADMASHRI AWARDEE

Hony. Distinguished Professor,
The Tamilnadu Dr.MGR. Medical University,
Patron Diabetes in Pregnancy Study Group India

Date: *7/8/2023*

CITATION

"Sun Pharma Science Foundation Research Awards under category - Clinical Research"

Prof. Dr. C.V. Harinarayan is an excellent clinician, accomplished researcher and scientist, astute bed-side investigator, exemplary organizer and administrator. He has outstanding contribution in the field of Endocrinology.

His research work has provided - new perspectives in the correct diagnosis and treatment of metabolic bone diseases in India. He was the FIRST to document low vitamin D status and low dietary calcium intake levels in urban and rural subjects through population survey. His work changed the Recommended Dietary Allowances of ICMR and paved the way for fortification of food with vitamin D and calcium. He developed national guidelines to treatment of vitamin D deficiency. He documented by in vitro studies that we as Indians can synthesize enough vitamin D on exposure to mid day sun, by exposing 10 to 15% of body surface area for 15 to 30 minutes.

He was the first to document low vitamin D status as the cause of bone disease and large parathyroid adenomas (weight in grams) in primary hyperparathyroidism. With widespread vitamin D and calcium supplementation the clinical presentation of the disease has changed.

His documentation of the renal tubular damage as the cause of bone disease in fluorosis. He was involved in indigenously develop intact IRMA radioimmunoassay for parathyroid hormone in India along with BARC Mumbai. He was involved in development of "Clinical Practice Guidelines on management of Postmenopausal osteoporosis and Recommendations(2012-13)".

He was the founder Head Department of Endocrinology and Metabolism, at SVIMS, Tirupati, and got the department recognized(MCI) for D.M. course.

