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Biography

Anil Chankaramangalam Mathew obtained his MSc degree in Biostatistics (1988) from Christian Medical College, Vellore affiliated to University of Madras, India under the guidance of Prof PSS Sundar Rao and PhD in Biostatistics from Bharathiar University, Coimbatore under the guidance of Prof S Krishna Moorthy. He joined PSG Institute of Medical Sciences and Research, Coimbatore, India as Assistant Professor in 1989, got promoted as Associate Professor in 2003 and as a Professor in 2008.

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MODELLING MORBIDITY DATA USING POISSON REGRESSION

This presentation addresses basic procedures for measuring morbidity, commonly used measures of association in morbidity and the fundamental underlying statistical significance testing. Learning objectives of the workshop include differentiate between count, ratio and rate, difficulties involving in measuring incidence and prevalence, make familiar with the concepts of cumulative incidence, incidence density, attack rate and their inter relationships and finally differentiate various measures of association include risk ratio, rate ratio, hazard ratio, odds ratio and prevalence ratio.