

7th Indo Global Diabetes Summit and Medicare Expo

November 23-25, 2015 Bengaluru, India

Evaluation of characters and WBC differences between diabetes-Complications among workers of fire and match factories in Sivakasi area

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Diabetes is a serious disorder which leads to various micro and macro vascular complications. The main purpose of the study is to find out the most common complications and the difference of WBC among the workers of match and fire workers of Sivakasi area Tamil Nadu, India. For this study 173 (99 male and 74 female) diabetic workers having diabetic complications were selected and their behavioral and socio-economic data were collected by individually asked questions and clinical analysis done on their blood samples. Cardiovascular (29%) and Neuropathy (28%) were present high among the workers. Total count was more in cardio vascular workers. At the same time neutrophil count was high and lymphocyte count was low in cardiovascular complications compared to other complications.

Biography

Mohammed Suhail Hussain M has obtained his MSc in Biotechnology from University of Madras in 1998 and completed his MPhil in Advanced Biochemistry in 2012 from Thiruvalluvar University. He worked as Assistant Prof. in the Department of Environmental Engineering at K A R Polytechnic College, Ambur. Later he joined as Product Promoter and after few years became Manager in Immuno division, CPC Diagnostic Company. Presently he is pursuing his Doctorate degree under the guidance of Dr. Mazher Sultana at Marine Biotechnology, AMET University, Chennai.

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