

**ABSTRACT OF STUDY ON THE ASSOCIATION OF TYPE II DIABETES  
MELLITUS IN WOMEN HAVING CHILDREN OF BIRTH WEIGHT MORE  
THAN 4 KG.**

Introduction :- Diabetes mellitus (DM) is one of the leading causes of death in developed countries. The major causes of prolonged ill health in Diabetes coronary heart disease, Glomerulo Sclerosis, Retinopathy, gangrene of lower extremities, Neuropathy Stroke, and cataract. Steroties all over the world have established different predisposing factors for Diabetes.

Rationale:- Diabetes mellitus is a chronic metabolic disease emerging as a major health problem all over world , A prevalence rate of 5.9% with the greatest number of cases are expected is in China and India. Over the years there has been an alarming increases in Type II DM in women with history of giving birth to child weighing more than 4kg.

Objectives :- To find whether there is an association of TypeII DM in women having children of birth wt more than 4kg from those who attended surgery OP, Medical College, TVM. During the period November to Dec.2007.

Methodology:-Descriptive study with case control Analysis.

Cases:- 50 Women more than 40yrs of age with typeII DM attending surgery OPD.

Control:- 50 Women more than 40 years without Type IIDM attending Surgery OPD, Medical College Hospital, TVM.

Data Collection through questionnaire.

Analysis:- The data collected has been analysed using Square test and Odds ratio. From this study

- (1) there is no association of typeII DM is women having children of birth weight more than 4kg from those who attented surgery OPD Medical College, TVM during the period of Nov to December 2007.
- (2) There is no association between typeII DM and history of gestational DM.
- (3) Presence od congenital anomalies do not contribute to the causation of type I I DM .

