

PREVALENCE OF KOCH'S DISEASES AMONG DIABETES PATIENT ATTENDING UNIVERSITY OF MEDICAL SCIENCE TEACHING HOSPITAL, STATE SPECIALIST HOSPITAL AKURE, ONDO STATE, SOUTH WEST, NIGERIA

A. Enikuomehin¹ O. Lawal¹ B. Kolawole² R. Ikem³ D. Soyoye³ F. Mohammad³ J. Adebayo⁴

1. University of Medical Science Teaching Hospital, State Specialist Hospital, Akure, Akure, Ondo State, Nigeria

2. Obafemi Awolowo University Teaching Hospital Complex, Ile-Ife, Osun State, Nigeria

3. Aminu Kano Teaching Hospital, Kano, Nigeria

4. Federal Medical Centre, Lokoja, Kogi State, Nigeria

Abstract

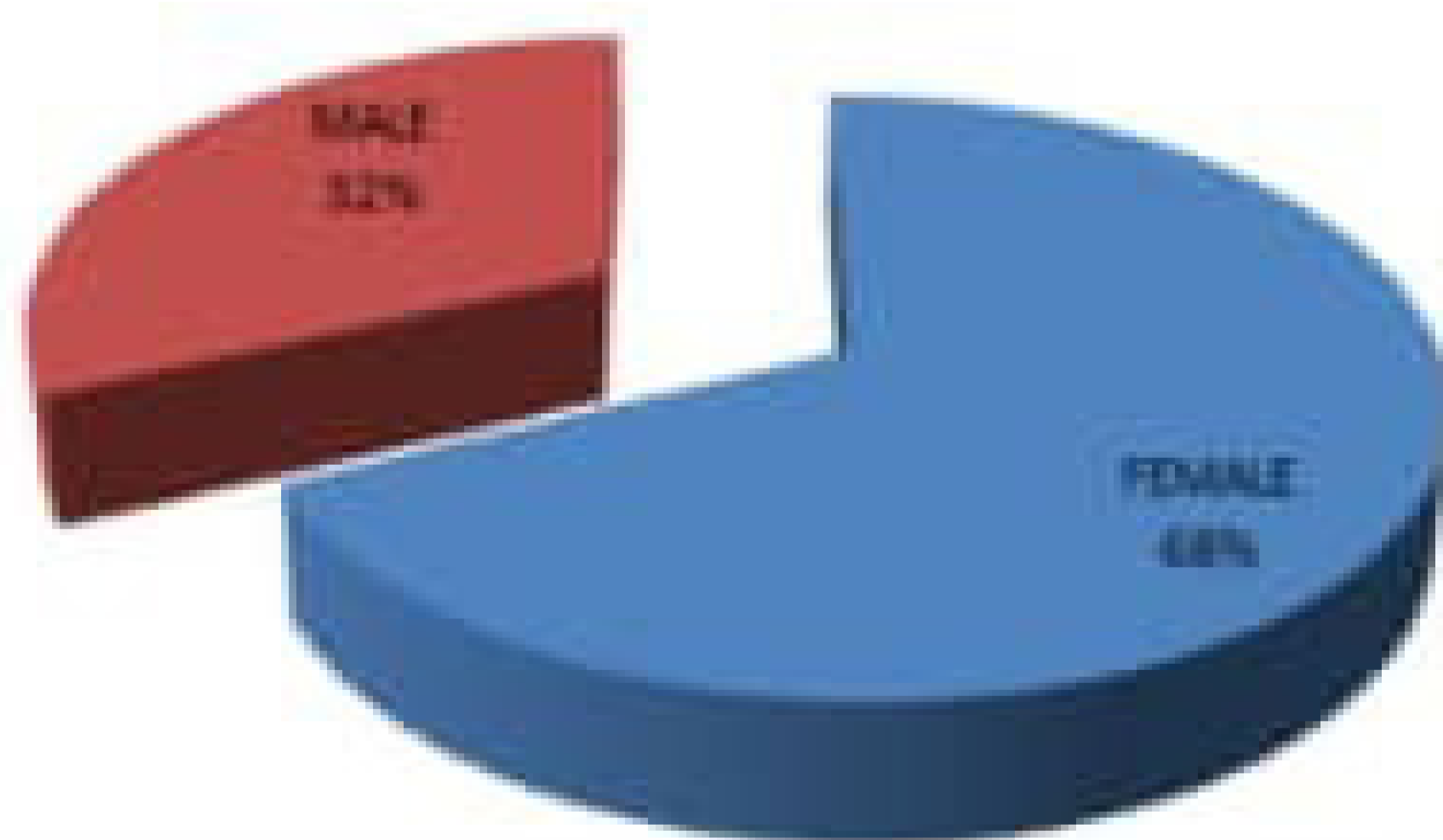
BACKGROUND- Diabetes mellitus (DM), which is on the increase in developing country like Nigeria, increases the risk of tuberculosis (TB). This study was carried out to detect TB in DM patient attending medical outpatient unit at the University of Medical Science Teaching Hospital, State Specialist Hospital, Akure, Ondo State, South West, Nigeria

Method

This was a cross-sectional study in which six hundred and forty eight DM patients attending the outpatient clinic were consecutively recruited after an informed consent were taken between January and June 2018. History of Cough and anthropometric parameters were obtained. Fasting blood glucose were done. Those with positive history of cough were screened for Tuberculosis using gene expert. -

RESULTS – Of the six hundred and forty eight patient recruited for the study, four hundred and forty one (68.1%) were females and two hundred and seven were male (31.9%). Age range is 22-72 years. Thirty six (36) patients with DM had history of cough, of which three were gene expert positive representing 8.3% of those with cough.

GENDER DISTRIBUTION OF THE STUDY GROUP



prevalence Koch's among DM patient with cough



CONCLUSION – Routine screening of DM patient for communicable diseases like tuberculosis could prevent transmission of, and early detection of tuberculosis in DM patient, allowing for early treatment and reduction in mortality.