

SUMMARY AND CONCLUSION

The present study was undertaken to assess the polymorphonuclear leukocyte (PMNL) chemotaxis in diabetics, compared with that of normal controls.

This work was performed on thirty diabetic patients, of which nineteen were non insulin dependent (N.I.D.), and eleven were insulin - dependent (I.D.).

Age, sex, and duration of diabetes were also studied in relation to the chemotactic ability of PMNL of diabetic patients.

The results of this work showed that PMNL from both N.I.D and I.D. diabetics were chemotactically difficient, and the defect was more prominent in I.D. than in N.I.D. diabetics.

No association was found between the chemotactic activity and age, sex, or duration of the disease.