

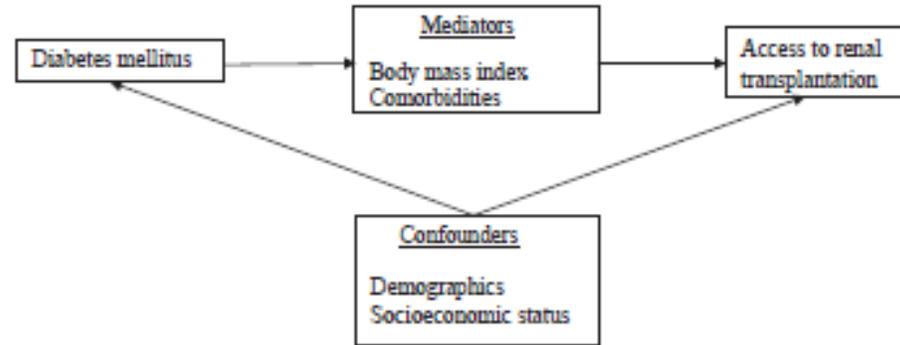


Patients with diabetic nephropathy on the waiting list for kidney transplantation

A. Zolota, E. Kasimatis, E. Sampani, G. Myserlis, G. Katsanos, N. Antoniadis, A. Kofinas, G. Tsakiris, S. Vasileiadou, K.E. Karakasi, S. Neiros, G. Tsoulfas, A. Papagianni.

Renal Transplant Unit, Aristotle University of Thessaloniki, General Hospital "Hippokratio", Greece

INTRODUCTION



Patibandla BK. Clin Transplant, 26:E307, 2012

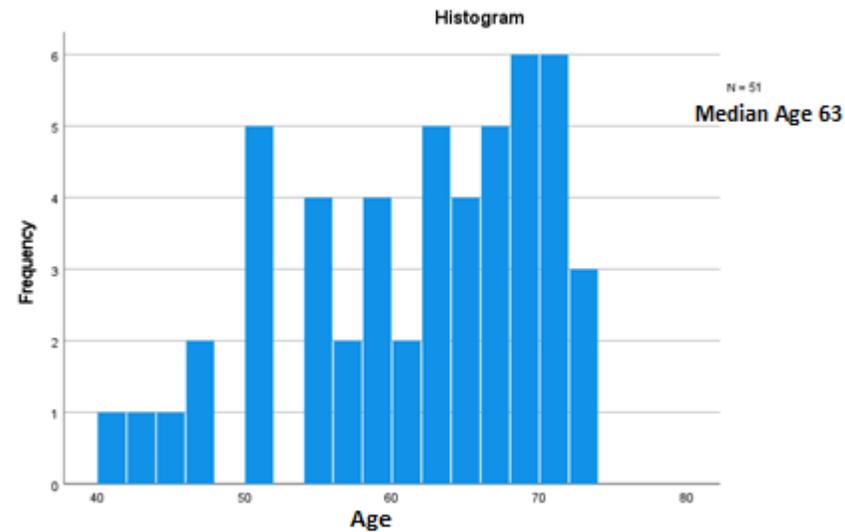
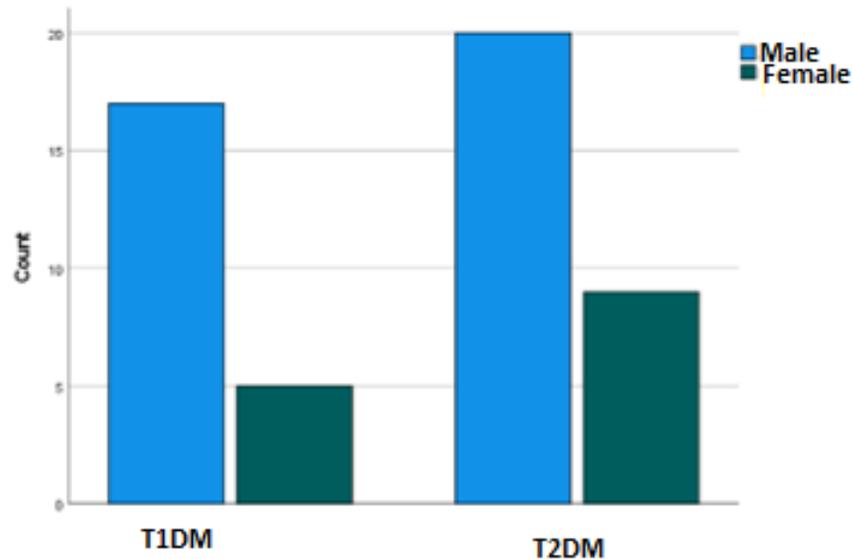
Diabetic Nephropathy is caused by Type 1 (T1DM) or Type 2 (T2DM) Diabetes Mellitus. Our purpose is to record the comorbidity of patients with diabetic nephropathy on the waiting list for a deceased-donor kidney transplant.

PATIENT AND METHODS

- **Out of the total 405 prospective kidney recipients on the list, 51 patients with insulin-dependent Diabetes Mellitus (DM) were studied**
- **Characteristics assessed:**
 - **Type of DM (T1DM and T2DM)**
 - **Length of stay on dialysis**
 - **Body mass index (BMI)**
 - **Cardiovascular morbidity**
 - **Diabetic retinopathy**
 - **Indication for combined kidney and pancreas transplants**
 - **Cause of temporary exclusion from the list**

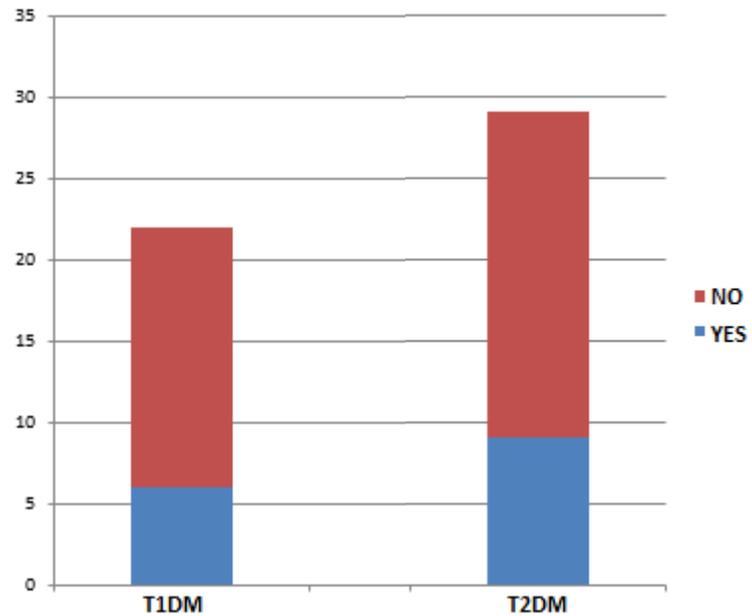
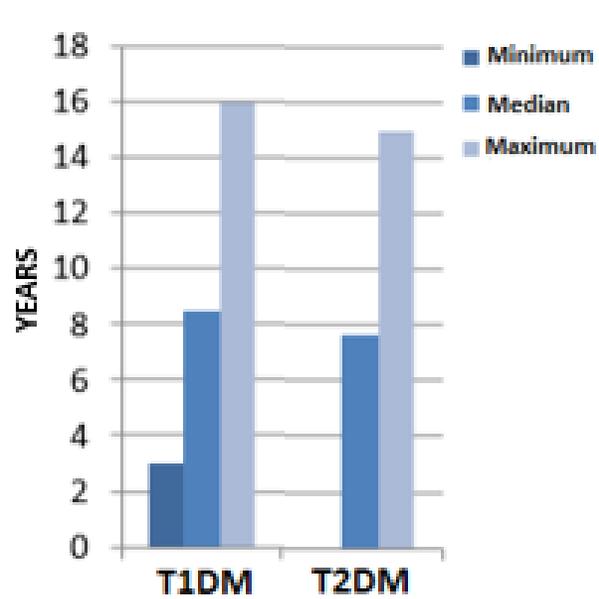
PATIENT DEMOGRAPHICS

	N	%
T1DM	22	43,1%
T2DM	29	56,9%



Patients were classified into two groups, 22 of whom with T1DM (17 men, age 62 ± 11 years) and 29 with T2DM (20 men, age 63 ± 12 years) respectively.

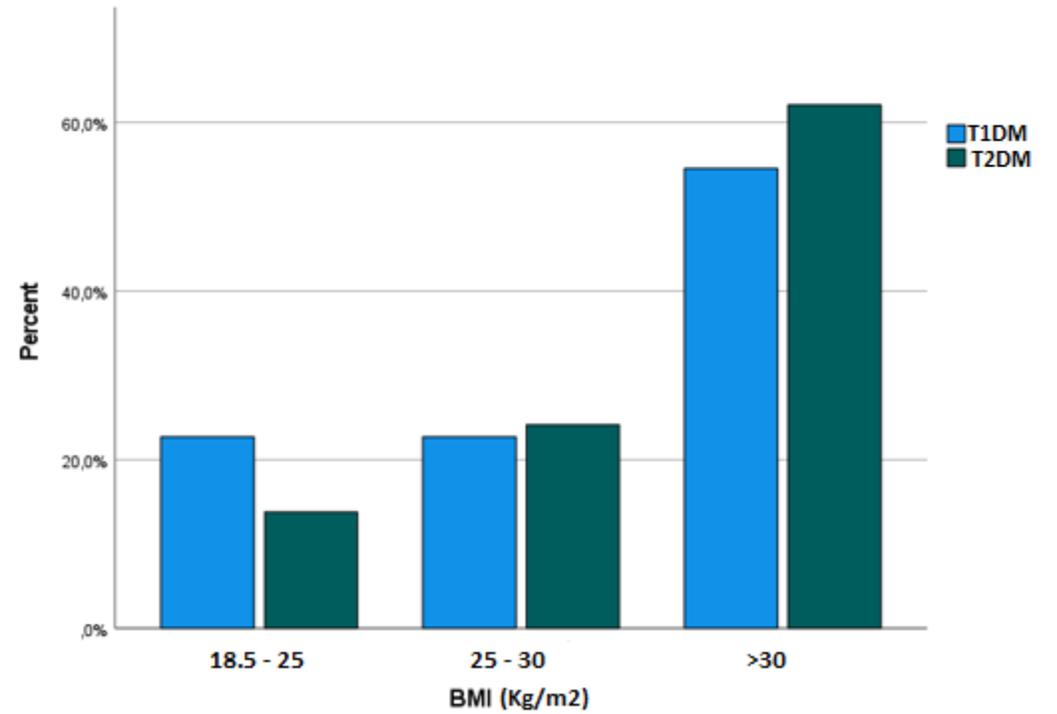
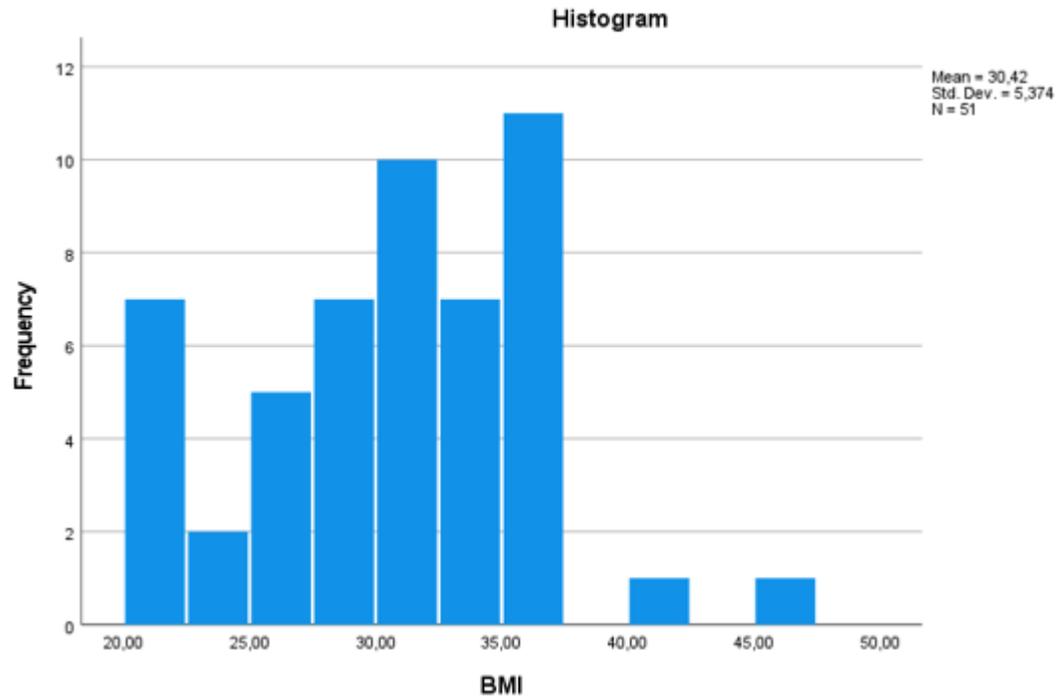
TIME ON DIALYSIS - REASSESSMENT



The median time spent on dialysis was 8 years, with no significant difference between the two groups.

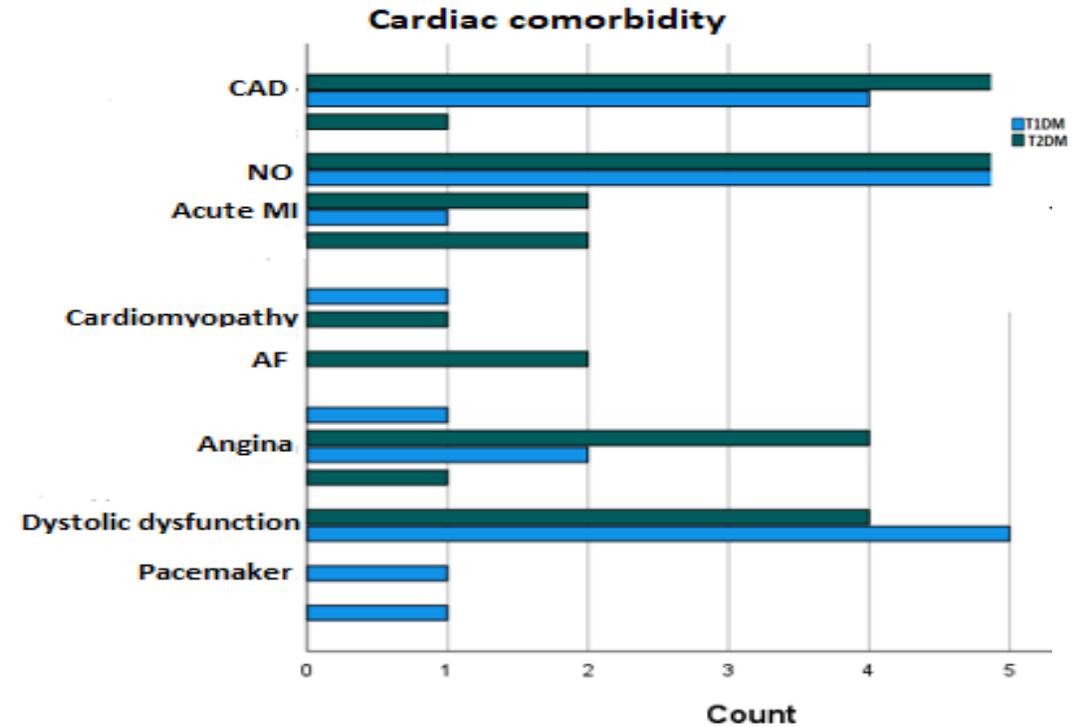
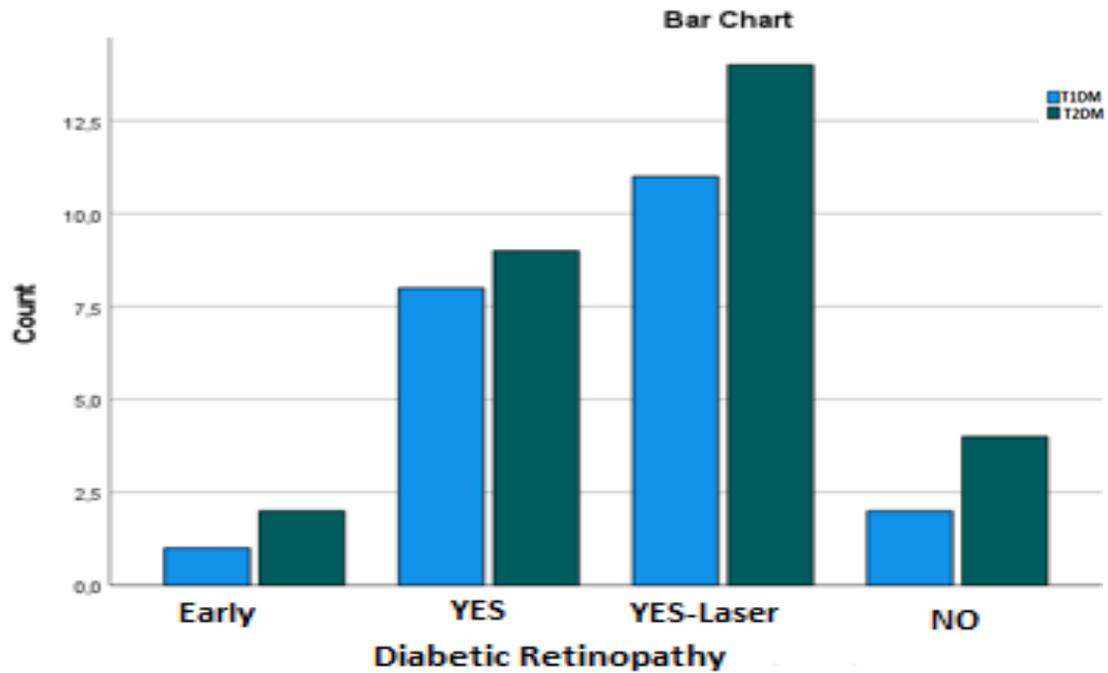
Reassessment was considered in 30% of the patients.

BODY MASS INDEX



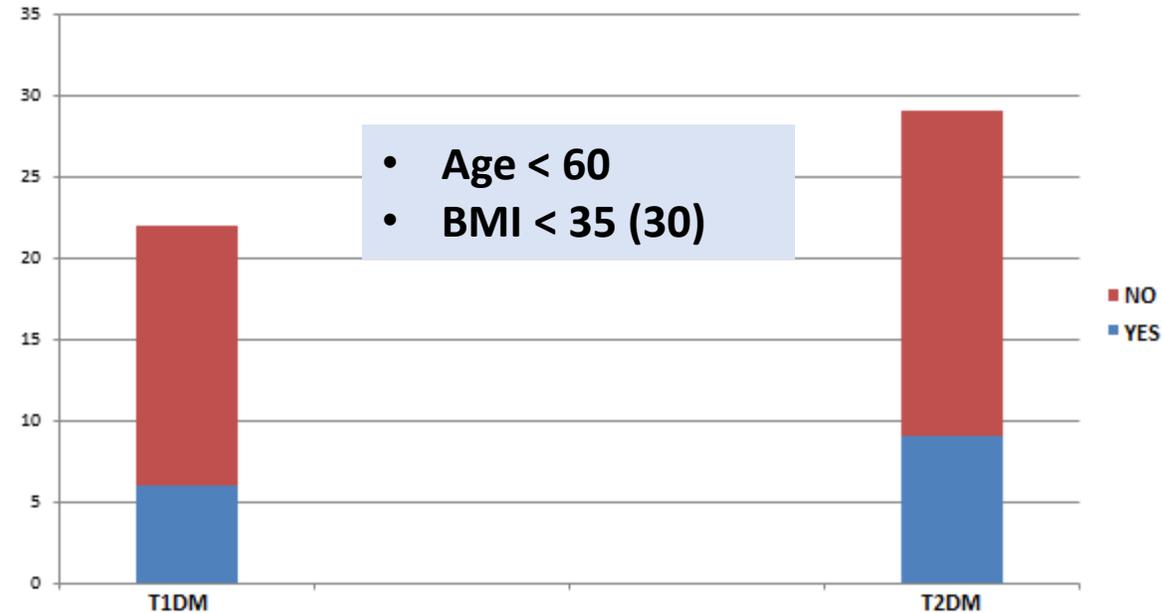
The majority of the diabetic patients (59%) were obese, with no significant difference between the two groups.

COMORBIDITIES



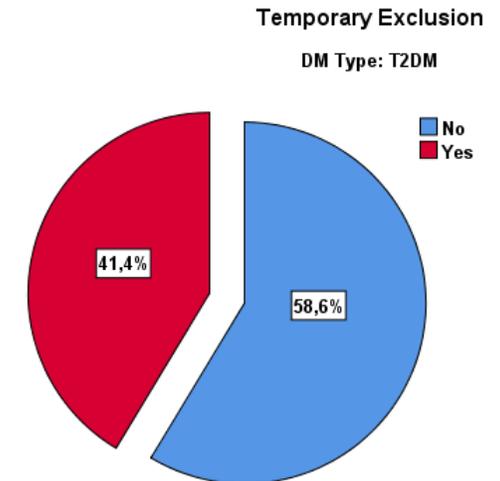
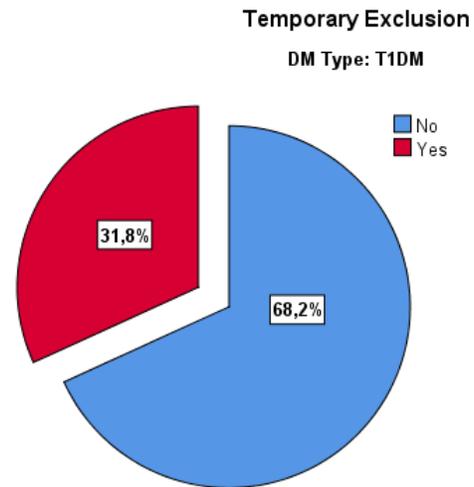
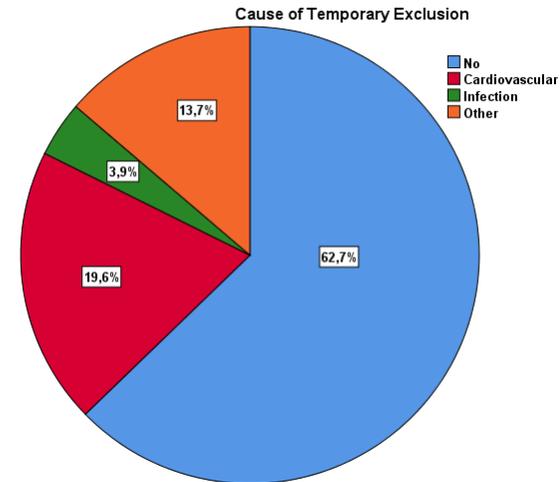
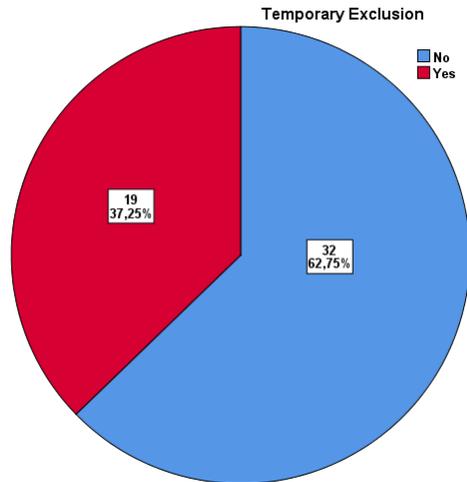
Diabetic retinopathy was recorded in 88% of the patients and cardiovascular disease in 53%, with no difference between the two groups.

COMBINED KIDNEY & PANCREAS TRANSPLANT



The criteria for combined kidney and pancreas transplant (SPK) were met by 10% of the patients, with the percentage of patients with T1DM (13.6%) being higher than those with T2DM (6.9%).

TEMPORARY EXCLUDED FROM THE LIST



Temporary exclusion was recorded in 37.3% of patients (31.8% with T1DM and 41.4% with T2DM). The main reason was CVD.

CONCLUSIONS

- **Despite the significant cardiovascular comorbidity, patients with T1DM and T2DM remain on the list for a deceased-donor transplant for a long period of time.**
- **A significant percentage of temporary exclusion was recorded while the advantages of a kidney transplant combined with pancreas are not exploited**