RESULTS FROM 150 PANCREAS-KIDNEY TRANSPLANTS — A SINGLE CENTRE ANALYSIS

La Salete Martins^{1,2}, Pedro Aguiar¹, Isabel Fonseca¹, Leonidio Dias^{1,2}, António C Henriques^{1,2}, António Cabrita^{1,2}, José Davide²

Nephrology¹ and Transplantation² Department; Hospital Santo António, CHP - Oporto – Portugal

INTRODUCTION

Results from international registries showed that simultaneous pancreaskidney transplantation (SPKT) is the best treatment for type 1 diabetic patients with end-stage renal disease who have the conditions for this kind of transplant.

OBJECTIVES AND METHODS

Our aim was to analyse the short and long-term results in our cohort of SPKT.

Since the May/2000, 150 SPKT were performed and followed-up at our centre (considered only those with a minimum follow-up of 6 months).

We retrospectively studied the results of these 150 SPKT: the causes of patient loss and graft failure, and risk factors possibly associated with the outcome.

RESULTS

150 SPKT - 81 females : 69 males

At transplantation date:

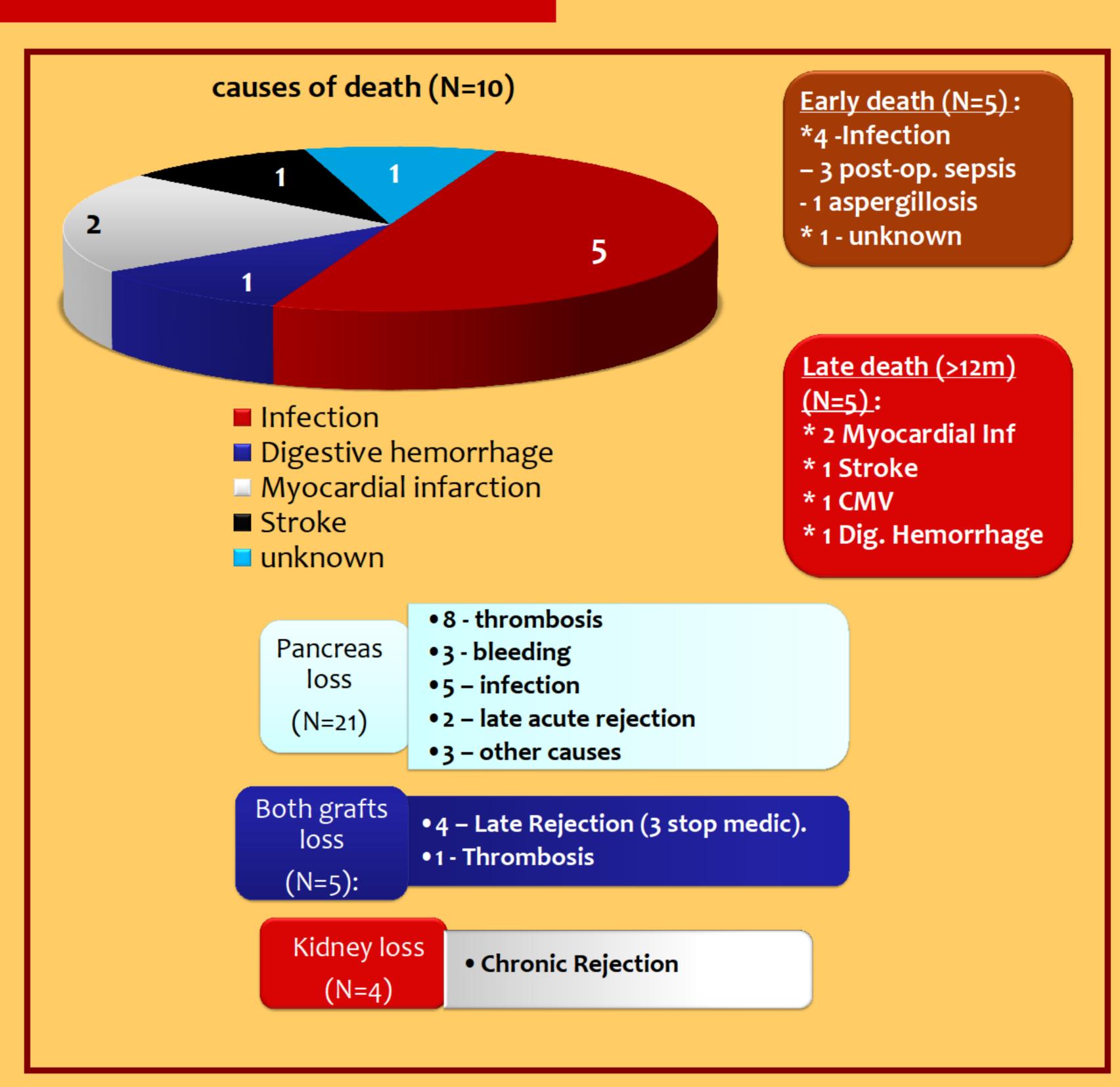
- Mean age = 35±6 years;
- They were diabetic for 24±6 years;
- And were on dialysis for 30±21months (except 5) preemptive).
- Immunosuppression (induction):

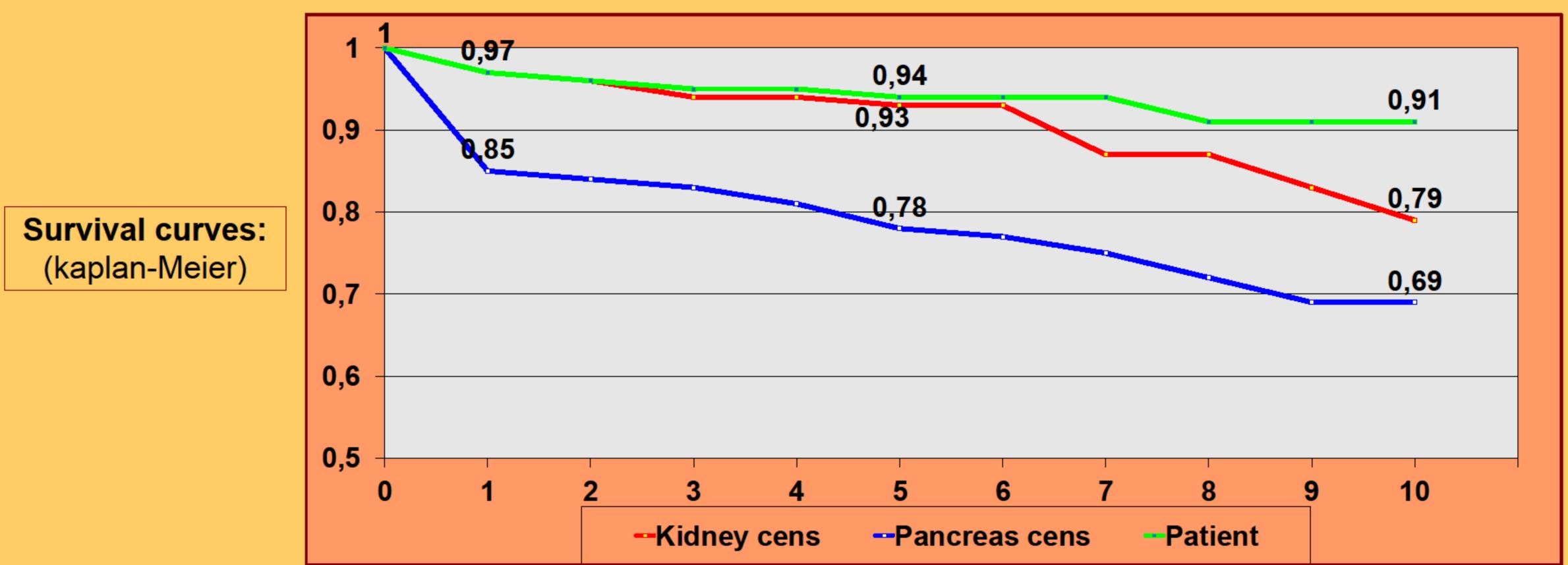
ATG+Tac+ MMF+Pred

- Deceased donors; mean age = 28±11 years.
- With 6 HLA-mismatches in 28.7%.
- Acute rejection incidence: 16%.

The 110 SPKT (73.3%) with both grafts functioning:

- Creat= 1.2±0.4mg/dl; CrCl=76±24ml7min
- glycaemia = 81±10mg/dl; HbA1c=5.3±0.4%
- Hypertension: 47.2%; 28.2% only 1 drug
- Hyperlipidaemia-19.9%;BMI>25kg/m2-17.3%





CONCLUSIONS

From our cohort of SPKT,

- 93.3% of the patients are alive;
- the pancreas is functioning in 76%;
- the kidney in 87.3%;
- and both grafts in 73.3%.

Hypertension was the most frequently found CV risk factor. The prevalence of hyperlipidaemia and overweight is inferior to 20%. Infection was the cause of death in 3.3% of the patients and CV / cerebrovascular disease in 2%.

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Poster



