

Choosing a treatment for kidney failure

bacc.med.s. Sanela Stiperski

University Hospital Centre "Zagreb", Department of nephrology, arterial hypertension, dialysis and transplantation

INTRODUCTION

Chronic kidney failure is a condition in which there is a progressive loss of kidney function.

In most cases, patients consult a doctor in stage of an illness when is not possible to stop further progression.

When to start a treatment depends of many factors, but primary on laboratory findings and clinical picture of the patient. Age and other diseases should be taken into account. Patients who suffer from chronic kidney failure need to be educated about their disease so they can participate in making decisions about the treatment.

Doctor decides when to start dialysis and informs the patient about types of dialysis.

If patient can choose among different dialysis treatment options, the best choice for him and the family can be offered.

CASE REPORT

In case study of D. Z. (1962) with diagnosis of chronic renal failure with associated diagnosis of hypertension and anemia, patient expresses a desire to start peritoneal dialysis with doctor approval after placing a peritoneal catheter.

After being educated by nurses, CAPD

is performed by a patient herself.

However, after some time she is coming to an Emergency Department due to elevated inflammation parameters and the sterile dialysis fluid. Complications arise because of iatrogenic lesions so she needs a temporary dialysis via CVK.

After rehabilitation she is put back on CAPD. Despite doctors correction of the treatment, during CAPD performance volume overload appears.



METHODS

■ Dialysis

There are two basic types of dialysis, hemodialysis via AVF or via CVC and peritoneal dialysis via a percutaneously placed peritoneal catheter.

■ Kidney transplantation

Final stage after dialysis is, surely, kidney transplantation which offers best long-term quality of life.

RESULTS

Patient is hospitalized and doctors' consilium decides that CAPD is not sufficient for effective treatment so she is put on hemodialysis via AVF. AVF thrombophlebitis occurs so Tesio catheter is permanently placed.

CONCLUSION

Transplantation would be the ideal choice of treatment and would be best for the patient's quality of life. Patient is put on the transplant list.