LOW RESISTANCE DIALYZER
— for treatment of acute and chronic renal failures

The Nycotron Dialyzer is constructed according to the Kii principle, but has been modified and optimized according to extensive theoretical analyses as well as practical tests in model set-up and under clinical conditions.

The blood passes between two cellophane membranes. On the outside, the flowing dialysate absorbs the residue from the blood. Two pairs of membranes are mounted in parallel for increased rate of clearance.

Because of the very low resistance, the heart can normally perform the pumping action without complications.

The low priming volume permits priming blood to be taken from the patient. Also, with a careful technique, the total loss of blood during the treatment can be kept very low (10-20 ml) and blood infusion be avoided.

The Nycotron Dialysate Mixer and Control Unit prepares the dialysate from a concentrate solution and monitors the treatment.

In short, the Nycotron artificial kidney gives the following advantages:

- Low priming volume
- Negligible flow resistance
- Quick and easy to assemble
- Safe in use
- Easily controlled rate of ultrafiltration
- High efficiency
- Low treatment costs

Manufactured in Norway by:

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