

A Prospective One-year Study Evaluating the Clinical Outcome of Recipients of Living Donor Kidneys Treated with Cyclosporin and Azathioprine

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Thirty recipients of living related donor kidneys treated weither with cyclosporin or azathioprine were evaluated clinically and functionally in a 1-year prospective study. Only the azathioprine group showed either accelerated or chronic rejection (one patient each). The azathioprine patients had higher rate of infectious episodes ($P=0.05$), leukopenia ($P = 0.003$) and steroidal side-effects ($P < 0.007$). During the early post-transplant period the renal functional performance was the same in both groups. Afterwards, however, the plasma creatinine was higher in the cyclosporin group ($P < 0.01$). Mean arterial pressure remained similar throughout the study in both groups. The anaemia correction was similar in both groups but the haematpcrit was greater in the cyclosporin-treated subjects ($P < 0.005$). © 1989 European Dialysis and Transplant Association-European Renal Association.