ABSTRACT

The aim of this research was to try out the effect of ductus biliaris ligation at male white rat (Rattus Norvegicus) as cirrhosis hepatis animal model to compare with the kidney histopatologic form. This trial used 35 of male white rat. The ductus biliaris obstruction getting with ligation ductus biliaris technic. The observation have been done week with the following perception time: observation of control group (P0) and P1 group doing at the first week, observation of group P2 doing at the second week, P3 and P4 at the third and four week wich consisted at 7 male white rat at each group. The inspection of kidney organ doing every sample intake, continued with the making of microscopic preparat and continued with the doubled couple test (Z test) if there are any marked different. The final result of these research define that P0 group of treatment have not shown the change or existence of kidney destruction. The change can be observent at treatment of P1 which mounting significantly to P2 and P3 treatment. The highly destruction shown at P4 treatment group wich had ductus biliaris ligation during four weeks.