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# Some Histopathological and Biochemical Studies on Rams After Experimental Rupture of the Urinary Bladder

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## Abstract:

Experimental rupture of the urinary bladder was conducted in four rams. Blood, urine and abdominal fluid samples were collected before and at regular intervals following the operation till death. Besides, heart, liver and kidney tissue samples were examined microscopically. The study revealed: 3- Small few foci of fibrinous inflammation with degeneration in the myocardium, tubular nephrosis with some glomerular changes and centrilobular hepatic necrosis with congestion of the intestine. 4- Progressive elevation of blood urea nitrogen, non-protein nitrogen, serum creatinine serum inorganic phosphorus and serum potassium level in relation to time post-operation. Serum, sodium and chloride levels behaved on the contrary. Similar data were achieved in urine and abdominal fluid samples

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