Sixty male patients were studied with age 18-72 years (mean age 42 years), there weight 55-80 kg (mean 72 kg) in Basrah military hospital(2001--2002) The patients were allocated to receive either 0.5% bupivacoine or none.

- Group A(20 patients) underwent either the renal or bladder surgery with no bupivacaine receive. While the other 40 patients selected and enrolled in 2 groups(B and C) according to the site of the wound as following:
  - Group B(20 patients) with renal surgery .
  - Group C ( 20 patients) either bladder surgery or transvesical prstatectomy.

Both B and C are allocated to receive bupivacaine.

The results revealed there is a significant difference of the pain score between group A(7.65+- 1.56) (not receive) and those received bupivacaine groups BandC,which are 1.25+/0.2 in group B, and 0.6+/0.13 in group C of pain score of 10 cm.Thus, wound instillation with bupivacaine should be regarded for routine usage.