

A Case of Uncontrolled Diabetes Planned for Left Sided Nephrectomy Under Transversus Abdominis Plane Block



Medical Science

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Dr Vaibhav Singh

Senior Resident, Dept of Anesthesiology and Critical Care, Allahabad

Dr Manish Singh

Junior Resident, Dept of Anaesthesiology & Critical care, Allahabad

Dr Satyansh Sangal

Junior Resident, Dept of Anaesthesiology & Critical Care, Allahabad

Aisha Bano, a 60 yr female, wife of Md Irfan, resident of village Bana, district Allahabad, was admitted under Dr A.K.Saroj, MS, Dept of Surgery of SRN Hospital Allahabad with bed hall ticket number 2066, on 29th January, 2016.

She had severely reduced cortical function in the left kidney for which she was planned for left sided nephrectomy. She was also a known case of diabetes mellitus for 5 years for which she had been taking glimepiride 5 mg OD & metformin 500mg OD.

Pre-Anaesthetic Checkup on 12/2/2106.

The patient was switched over to regular insulin just after she was admitted with insulin regime of R4-R4-M4. Patient gave no other history of having any long standing illnesses, medications or surgery. Her vitals were stable with her PR of 92 and her BP being 146/88 mm hg. Hb was 9.8gm%

Her S. Urea and S.Creatinine levels were raised 198mg/dl and 2.34 respectively. RBS on the evening of PAC was 188mg/dl and her HbA1c was 12.4. 2D-ECHO showed that the pt had EF OF 40-45%, with LVDD Grade 1 & conc LVH.

Day of surgery 13/2/2016

Patient was shifted in the operation theatre and multipara monitor was attached with pulse oximeter, BP and ECG. Two IV lines of 18g were accessed and IV Normal Saline were started. Glucometer, glucometer strips, regular insulin and insulin syringe were kept ready.

Pre op vitals

BP - 160/84 mm hg

PR - 92 per min

RBS- 132mg/dl

Patient was at first premedicated with an anxiolytic midazolam 2mg iv. Patient was then prepared for Spinal Anaesthesia in the right lateral position. The procedure was performed under aseptic conditions and 1.8ml of local anesthetic Bupivacaine Heavy 0.5% was administered intrathecally in the L₃-L₄ intervertebral space & tilted right laterally by approximately 30 degrees for 20 mins.

Patient was then repositioned supine and was then prepared for Transversus Abdominis Block on the left side. Using the Blind Double Pop technique 30 ml of 0.5% Ropivacaine was administered between the internal oblique and the transversus abdominis muscles. After waiting for 15 mins, patient was positioned in the right laterally and the surgery started.

Patient reported no discomfort throughout the surgery which was completed in 2 hours and 15 mins. No sedation or analgesics were given during the surgery.