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A Comparative Study of Effects of Sitting and Lateral Positions on Quality of Block during Induction of Spinal Anaesthesia in Patients Undergoing Cesarean Section

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Abstract

Introduction: In this study a comparison is done on all parameters of spinal anesthesia effects after giving block in sitting and lateral positions. The aim of the study is to assess effect of posture on quality of spinal block in patients undergoing caesarean section and to compare sitting and lateral positions during spinal anaesthesia. **Materials & Methods:** A total of 40 parturients were divided into 2 groups. Group 1 received 2.2cc of hyperbaric bupivacaine in sitting posture and Group 2 received 2.2cc of hyperbaric bupivacaine in lateral posture. **Results:** There was no significant difference on the final level of block achieved at 45 minutes between both the groups and haemodynamic parameters, patient comfort and muscle relaxation were same in both the groups. **Conclusion:** It is technically easier to insert spinal needle in sitting position other than this, sitting position does not offer any other advantage.