How Long Can Patients Sit Up for Before Lying Down after Combined Spinal-Epidural Anesthesia For Cesarean Delivery? A Randomized Trial

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Abstract:

Abstract Objective: Sitting patients up for 5 min after spinal anesthesia decreases hypotension and ephedrine requirement. This study aimed at determining how long patients can sit up for after combined spinal-epidural (CSE) anesthesia without requiring epidural supplementation. Methods: Ninety women booked for elective cesarean section under CSE anesthesia were randomized to sit up for 5 min (group 1), 7 min (group 2), or 9 min (group 3) after spinal anesthetic administration before lying down supine with a tilt. Sensory anesthesia level, systolic blood pressure, heart rate, ephedrine requirement, rescue epidural use, and time to achieving a modified Bromage score of two were documented by a blinded observer. Results: The maximum height of sensory anesthesia was [T3 (1) vs. T4 (1) vs. T5 (1) for groups 1-3, respectively, P

Keywords:

Keywords: Caesarean section; Spinal anaesthesia; Combined spinal- epidural; Ephedrine; Hypotension; Sitting position

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