

SPINAL ANESTHESIA FOR CESAREAN DELIVERY FOLLOWING SPINAL FUSION AND FIXATION WITH HARRINGTON RODS- Case reports

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- Spinal anesthesia (SA) for cesarean delivery (CD) for the parturient following scoliosis correction surgery can often be safely used.
- Ethical Committee approval
- **Case 1:** A G1 P0 parturient, EGA 38+6 wks, 28y old, BMI 24.3 kg/m² presented for emergent CD. She had previous spine surgery (age 16y) with placement of HR
- no radiographs were available, SA, first attempt, pencil point 25G needle, bupivacaine 12mg and fentanyl 25mcg.
- baby boy, 3430g, discharged home on POD 3.

- **Case 2:** G3 P2 parturient, EGA 38+6 wks, was scheduled for CD.
- corrective spine surgery at age 15y with HR (from Th5- L1)
- First CD 8y prior under GA
- she brought radiographs, SA, first attempt, baby boy, 3820g, discharged home on the POD 3.
- **Case 3:** 37y old G2 P1 parturient, EGA 38+3wks, with breech presentation, presented for emergent CD with BMI 26 kg/m²
- She had undergone several prior corrective spine surgeries at age of 14y, 15y, and 16y, also with HR.
- First CD in SA, refused GA, third attempt with a 25G,
- baby boy 3590g, discharged home on POD 4.





- **Case 4:** 29y old G1 P0, EGA 38+5wks, presented for emergent CD.
- She had HR placed 10 y prior. SA in second attempt bupivacaine and fentanyl (25G needle), healthy baby boy, 3000g, discharged home on POD 3
- **All 4 patients received a QLB for post-op analgesia at the end of surgery; 2 were enrolled in an ERAS protocol for recovery.**
- **Conclusion:** OB anesthesia care in Serbia has undergone significant changes over the past decade. 10 years ago, all these patients would have delivered with GA. Thanks to Kybele and U.S. Fulbright scholar, Serbian anesthesiologists have enhanced their skills and are more confident when faced with challenging cases.
- **Lit.:** J Anaesthesiol Clin Pharmacol. 2012 Jan;28(1):124-6. doi: 10.4103/0970-9185.92463. PMID: 22345961; PMCID: PMC3275946.
- PMJUA [Internet]. 2019 Nov. 1 [cited 2023 Jan. 23];4(3):63-6. Available from: <https://painmedicine.org.ua/index.php/pnmdcn/article/view/207>