

Accuracy of spinal anesthesia drug concentrations in mixtures prepared by anesthesiologists.

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<https://psnet.ahrq.gov/issue/accuracy-spinal-anesthesia-drug-concentrations-mixtures-prepared-anesthesiologists>

Anesthesia medications prepared in the operating room are vulnerable to errors at all stages of medication administration, including preparation and [dilution](#). In this study, anesthesiologists were asked to prepare the mixture of three drugs used for spinal anesthesia for [cesarean](#) section. Results show deviation from the expected concentration and variability between providers. The authors recommend all medications be prepared in the hospital [pharmacy](#) or purchased pre-mixed from the manufacturer to prevent these errors.