Bio

ACADEMIC APPOINTMENTS

- Emeritus Faculty, Acad Council, Anesthesiology, Perioperative and Pain Medicine

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Our obstetric anesthesia group is interested in a variety of topics including the efficacy and mechanism of action of spinal and epidural opioids for production of analgesia during labor, and the functionality of epidural analgesia for labor pain relief. Recently, techniques have been directed at providing excellent analgesia with no or minimal motor blockade or side effects. We have performed clinical and volunteer studies to examine the effects of spinal sufentanil (a short-acting synthetic opioid) given to relieve labor pain, and the potential benefits of “walking epidurals” - a technique for epidural analgesia using such dilute solutions of local anesthetics combined with opioids that patients are able to ambulate.

Publications

PUBLICATIONS

- **Challenging the 4-to 5-minute rule: from perimortem cesarean to resuscitative hysterotomy** AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY
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- **The society for obstetric anesthesia and perinatology consensus statement on the management of cardiac arrest in pregnancy.** Anesthesia and analgesia
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- **Response times for emergency cesarean delivery: use of simulation drills to assess and improve obstetric team performance** JOURNAL OF PERINATOLOGY
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- **Transport Decreases the Quality of Cardiopulmonary Resuscitation During Simulated Maternal Cardiac Arrest** ANESTHESIA AND ANALGESIA
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- **Measuring the labor pain experience: delivery still far off** INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA
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- **The quality of CPR deteriorates during transport in simulated maternal arrests** 15th World-Federation-of-Societies-of-Anaesthesiologists (WFSA) World Congress of Anaesthesiologists
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INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA

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• A survey of labor patient-controlled epidural anesthesia practice in Californian hospitals 37th Annual Meeting of the Society-for-Obstetric-Anesthesia-and-Perinatology

• Single-dose, sustained-release epidural morphine in the management of postoperative pain after elective Cesarean delivery: Results of a multicenter randomized controlled study ANESTHESIA AND ANALGESIA

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