



## PREFACE

### Anesthesia Practice on the Rise



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Editors

Welcome to *Advances in Anesthesia*! We are pleased to present you with 11 articles covering topics across the spectrum of perioperative care. These include traditional clinical science articles on management of hemodynamics during cesarean section, treatment of malignant hyperthermia, and perioperative blood conservation; cutting edge information on new regional anesthetic techniques, use of tranexamic acid, and an overview of implanted nerve stimulation technology. In addition, we have included articles that could be drawn directly from our current headlines: diversity in the anesthesia workforce, perioperative management of patients with substance abuse disorder, and a focused look at artificial intelligence and clinical informatics for anesthesiologists.

One unusual article in this year's volume is a Pro:Pro:Pro review of career options for anesthesiologists, team written by 2 academic anesthesiologists, a small-group practitioner, and a representative from the largest private practice in the United States. There is no "con" to this article because overall it's a great time to be an anesthesiologist! Driven by our profession's ability to care for any kind of patient, from neonate (or even in utero) to centenarian, and to facilitate any procedural aspect of modern medicine from electroconvulsive therapy to cardiac transplantation, anesthesiology is at a peak of influence never before achieved. Compensation is good; case numbers are growing, and residency positions are hotly sought after. Any kind of anesthesiology practice today has much to recommend it and represents a smart career choice for the talented

medical student. Beyond the overall picture though, we solicited this article to share some hard-won information not commonly found in academic papers or conference presentations. The goal was to compare the benefits and challenges of different anesthesia practice models in a way that will help graduating residents and fellows pick the best spot to launch their own careers, thus helping to keep our profession on the rise.

Longtime readers, and there are many of you, might wonder how topics like this one are chosen. The answer comes directly from our daily experiences in the operating room (OR), intensive care unit, and hospital boardroom. We editors represent clinically diverse practices that span the United States. Dr Torsher is a leader in transplant anesthesia and medical simulation at one of America's most respected academic medical centers as well as a senior editor for the American Society of Anesthesiologist's Self-Education and Evaluation continuing medical education program. Dr Salinas is a clinical leader for a large hospital system in the Pacific Northwest, and the Director of Perioperative Care for the interventional units of his hospital. Dr Dutton is the former Chief Quality Officer of the ASA and currently serves in that role for US Anesthesia Partners. And Dr McLoughlin is a Board Member of the American Board of Anesthesiology and Chief of Anesthesia for an entire hospital system. We are actively engaged with the research, teaching, and pragmatic management of anesthesiology from the level of individual patient care to the management of OR suites to hospital, system, and even national leadership. The articles we solicit each year for *Advances in Anesthesia* address the challenges we are confronting every day in our own work, making it likely they will be relevant to most of our fellow practitioners. But if there's a topic anywhere under the broad roof of perioperative medicine that you'd like to read more about, please don't hesitate to let us know. Our e-mails are published in every issue for a reason!

Finally, thank you for subscribing to this *Advances in Anesthesia*. We appreciate your commitment to remaining current in one of the most dynamic specialties in all of medicine, and we hope you'll find something in this issue to learn from. Whether practical information on a new medication, device, or technique, or thought-provoking discussion of an emerging issue, we've tried to include a wide variety of entertaining and educational content. Enjoy!

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