

## Χαρακτηριστικά:

- Presents the latest information on **anesthesia techniques for labor and delivery** and the **anesthesia care of women with medical disorders** during pregnancy, emphasizing the treatment of the fetus and the mother as separate patients with distinct needs
- Discusses **key topics** such as neuraxial labor analgesia, including epidural, combined spinal-epidural, and dural-puncture epidural techniques; epidural-related maternal fever; neuraxial and general anesthesia for Cesarean delivery; postoperative analgesia; anesthesia for non-obstetric procedures during pregnancy; multidisciplinary care of high-risk obstetric patients; patient safety on the labor and delivery unit; care of mothers with substance use disorders; and more
- Contains **new chapters** on racial and ethnic disparities in obstetric anesthesia care and obstetric anesthesia in the developing world
- Features **extensive revisions** from cover to cover, including **new content** on POCUS, COVID-19, enhanced recovery after Cesarean delivery, and chronic pain after childbirth
- Incorporates the **latest guidelines** on congenital heart disease and the management of sepsis, as well as difficult airway guidelines that are specific to obstetric anesthesia practice
- Offers **abundant figures, tables, and boxes** that illustrate the step-by-step management of a full range of clinical scenarios
- **An eBook version is included with purchase.** The eBook allows you to access all of the text, figures, and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud. Additional digital ancillary content may publish up to 6 weeks following the publication date

## Περιεχόμενα:

### **PART I: Introduction**

1. The History of Obstetric Anesthesia

### **PART II: Maternal and Fetal Physiology**

2. Physiologic Changes of Pregnancy
3. Uteroplacental Blood Flow
4. The Placenta: Anatomy, Physiology, Transfer of Drugs, and Pathology

### **PART III: Fetal and Neonatal Assessment and Therapy**

5. Fetal Physiology
6. Antepartum Fetal Assessment and Therapy

7. Anesthesia for Fetal Surgery and Other Intrauterine Procedures
8. Intrapartum Fetal Assessment and Therapy
9. Neonatal Assessment and Resuscitation
10. Fetal and Neonatal Neurologic Injury
11. Quality, Patient Safety, and Medical Error

**PART IV: Foundations in Obstetric Anesthesia**

12. Spinal and Epidural Analgesia and Anesthesia: Anatomy, Physiology, and Technique
13. Local Anesthetics and Opioids
14. Racial and Ethnic Disparities in Obstetric Anesthesia Care
15. Obstetric Anesthesia in Low- and Middle-Income Countries

**PART V: Anesthesia Before and During Pregnancy**

16. Pharmacology During Pregnancy and Lactation
17. Problems of Early Pregnancy
18. Nonobstetric Surgery During Pregnancy

**PART VI: Labor and Delivery Vaginal Delivery**

19. Obstetric Management of Labor and Vaginal Delivery
20. Trial of Labor and Vaginal Birth After Cesarean Delivery
21. The Pain of Childbirth and Its Effect on the Mother and the Fetus
22. Childbirth Preparation and Nonpharmacologic Analgesia
23. Systemic and Nonneuraxial Regional Labor Analgesia
24. Epidural and Spinal Analgesia: Anesthesia for Labor and Vaginal Delivery
25. Postpartum Tubal Sterilization

**PART VII: Cesarean Delivery**

26. Anesthesia for Cesarean Delivery
27. Postoperative Analgesia

**PART VIII: Anesthesia Complications**

28. Aspiration: Risk, Prophylaxis, and Treatment
29. The Difficult Airway: Risk, Assessment, Prophylaxis, and Management
30. Postpartum Headache
31. Neurologic Complications of Pregnancy and Neuraxial Anesthesia
32. Shared Decision-Making and Informed Consent in Obstetric Anesthesia

**PART IX: Obstetric Complications**

33. Preterm Labor and Delivery
34. Abnormal Presentation and Multiple Gestation
35. Hypertensive Disorders
36. Infection
37. Antepartum and Postpartum Hemorrhage
38. Embolic Disorders

**PART X: The Patient With Systemic Disease**

- 39. Maternal Mortality
- 40. Autoimmune Disorders
- 41. Cardiovascular Disease
- 42. Chronic Pain During and After Pregnancy
- 43. Endocrine Disorders
- 44. Hematologic and Coagulation Disorders
- 45. Liver Disease
- 46. Musculoskeletal Disorders
- 47. Neurologic and Neuromuscular Disease
- 48. Obesity
- 49. Psychiatric Disorders
- 50. Renal Disease
- 51. Respiratory Disease
- 52. Substance Use Disorders
- 53. Trauma and Critical Care