

## Χαρακτηριστικά:

- The **proven Secrets Series® format** gives you **the most return for your time** – succinct, easy to read, engaging, and highly effective
- **Fully revised and updated throughout**, covering all aspects of today’s practice of critical care, including anatomy, physiology, immunology, and inflammation—fundamentally important topics for in-training and practicing professionals
- **New chapters** on Antibiotic Stewardship and COVID-19
- **Top 100 Secrets** and **Key Points boxes** provide a fast overview of the secrets you must know for success in practice and on exams
- **Portable size** makes it easy to carry with you for quick reference or review anywhere, anytime
- Written and fully updated by **clinical and thought leaders in critical care** who have contributed chapters in their areas of expertise
- **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

## Περιεχόμενα:

### SECTION 1 GENERAL INTENSIVE CARE UNIT CARE

CHAPTER 1 Glycemic Control in the Intensive Care Unit

CHAPTER 2 Early Mobility

CHAPTER 3 Sedation and Delirium

CHAPTER 4 Pain Management in the Intensive Care Unit

CHAPTER 5 Ethics and Palliative Care

CHAPTER 6 Fluid Therapy

CHAPTER 7 Nutrition in Critically Ill Patients

CHAPTER 8 Mechanical Ventilation

CHAPTER 9 Noninvasive Ventilation and High Flow Nasal Cannula Oxygen

CHAPTER 10 Liberation From Mechanical Ventilation: Weaning and Extubation

CHAPTER 11 Quality Assurance and Patient Safety in the Intensive Care Unit

### SECTION 2 MONITORING

CHAPTER 12 Pulse Oximetry Capnography and Blood Gas Analysis

CHAPTER 13 Hemodynamic Monitoring

CHAPTER 14 Neuromonitoring

### SECTION 3 PROCEDURES

CHAPTER 15 Cardiopulmonary Resuscitation

CHAPTER 16 Central Lines Arterial Lines Line Infections

CHAPTER 17 Critical Care Ultrasound  
CHAPTER 18 Durable Ventricular Assist Devices  
CHAPTER 19 Percutaneous Assist Devices  
CHAPTER 20 Intra-Aortic Balloon Pump  
CHAPTER 21 Extracorporeal Membrane Oxygenation  
CHAPTER 22 Tracheal Intubation and Airway Management  
CHAPTER 23 Tracheostomy and Upper Airway Obstruction  
CHAPTER 24 Chest Tubes/Catheters and Pneumothorax  
CHAPTER 25 Bronchoscopy  
CHAPTER 26 Cardiac Implantable Electronic Devices CIEDs

#### **SECTION 4 PULMONARY**

CHAPTER 27 Acute Pneumonia  
CHAPTER 28 Asthma  
CHAPTER 29 Chronic Obstructive Pulmonary Disease  
CHAPTER 30 Acute Respiratory Failure and Acute Respiratory Distress Syndrome  
CHAPTER 31 Hemoptysis  
CHAPTER 32 Venous Thromboembolism and Fat Embolism

#### **SECTION 5 CARDIOLOGY**

CHAPTER 33 Heart Failure and Valvular Heart Disease  
CHAPTER 34 Acute Myocardial Infarction  
CHAPTER 35 Dysrhythmias and Tachyarrhythmias  
CHAPTER 36 Aortic Dissection  
CHAPTER 37 Pericardial Disease Pericardial Tamponade and Pericarditis

#### **SECTION 6 INFECTIOUS DISEASE**

CHAPTER 38 Sepsis and Septic Shock  
CHAPTER 39 Endocarditis  
CHAPTER 40 Meningitis and Encephalitis in the Intensive Care Unit  
CHAPTER 41 Disseminated Fungal Infections  
CHAPTER 42 Multidrug-Resistant Bacteria  
CHAPTER 43 Skin and Soft Tissue Infections  
CHAPTER 44 Antimicrobial Stewardship  
CHAPTER 45 Management of Influenza Virus Infection in the ICU  
CHAPTER 46 Immunocompromised Host  
CHAPTER 47 COVID-19

#### **SECTION 7 RENAL DISEASE**

CHAPTER 48 Hypertensive Crises  
CHAPTER 49 Acute Renal Failure  
CHAPTER 50 Renal Replacement Therapy and Rhabdomyolysis  
CHAPTER 51 Hypokalemia and Hyperkalemia  
CHAPTER 52 Hyponatremia and Hypernatremia

## **SECTION 8 GASTROENTEROLOGY**

CHAPTER 53 Upper and Lower Gastrointestinal Bleeding in the Critically Ill Patient

CHAPTER 54 Acute Pancreatitis

CHAPTER 55 Hepatitis and Cirrhosis

## **SECTION 9 ENDOCRINOLOGY**

CHAPTER 56 Diabetic Ketoacidosis and Hyperosmolar Hyperglycemic State

CHAPTER 57 Adrenal Insufficiency in the Intensive Care Unit

CHAPTER 58 Thyroid Disease in the Intensive Care Unit

## **SECTION 10 HEMATOLOGY/ONCOLOGY**

CHAPTER 59 Blood Products and Coagulation

CHAPTER 60 Thrombocytopenia and Platelets

CHAPTER 61 Disseminated Intravascular Coagulation

## **SECTION 11 NEUROLOGY**

CHAPTER 62 Coma

CHAPTER 63 Brain Death

CHAPTER 64 Status Epilepticus

CHAPTER 65 Stroke and Subarachnoid Hemorrhage

CHAPTER 66 Guillain-Barré Syndrome GBS and Myasthenia Gravis MG

CHAPTER 67 Alcohol Withdrawal

## **SECTION 12 SURGERY AND TRAUMA**

CHAPTER 68 Burns and Frostbite

CHAPTER 69 Thoracic Trauma Flail Chest and Pulmonary and Myocardial Contusion

CHAPTER 70 Acute Abdomen and Peritonitis

CHAPTER 71 Organ Donation

## **SECTION 13 EMERGENCY MEDICINE**

CHAPTER 72 Disaster Medicine Bioterrorism and Pandemics

CHAPTER 73 Allergy and Anaphylaxis

CHAPTER 74 Hypothermia

CHAPTER 75 Heat Stroke

## **SECTION 14 TOXICOLOGY**

CHAPTER 76 General Approach To Poisonings

CHAPTER 77 Analgesics and Antidepressants

CHAPTER 78 Toxic Alcohol Poisoning

CHAPTER 79 Cardiovascular Medications

CHAPTER 80 Neuroleptic Malignant Syndrome

## **SECTION 15 UNIQUE PATIENT POPULATIONS**

CHAPTER 81 Care of the Critically Ill Pregnant Patient

CHAPTER 82 Care of the Patient With Obesity

CHAPTER 83 Oncologic Emergencies

CHAPTER 84 Post-Intensive Care Syndrome and Chronic Critical Illness

CHAPTER 85 Intensive Care Unit Survivors

**SECTION 16 EMERGING THERAPIES**

CHAPTER 86 Sepsis Emerging Therapies

Index