DEPARTMENT OF ANESTHESIOLOGY

Alann R. Solina, MD, Chairman* and Chief, Department of Anesthesiology
Edward R. Deal, DO, Vice Chief, Department of Anesthesiology
Erin Pukenas, MD, Vice Chief, Department of Anesthesiology

Department Office: Administrative Contact:
One Cooper Plaza Cheri Yannette
Kelemen - Suite 294B t. (856) 342-2919
Camden, NJ 08103 f. (856) 968-8236
t. (856) 342-2425
f. (856) 968-8326

Locations

• CAMDEN
  Cooper University Hospital
  One Cooper Plaza
  Camden, NJ 08103

• VOORHEES
  900 Centennial Blvd., Suite G
  Building 1
  Voorhees, NJ 08043
  t. (856) 325-6535

Physicians

Group NPI#1447207147

• Paul B. Audu, MD
• Ahmed S. Awad, MD
• Kelly A. Bolkus, DO
• Amanda R. Burden, MD
• Edward R. Deal, DO
• Matthew DeAngelis, DO
• Ronak G. Desai, DO
• Kingsuk Ganguly, MD
• Jeffrey A. Gerritsen, MD
• Bharathi Gourkanti, MD
• Irwin Gratz, DO
• Robert A. Hirsh, MD
• George Chiahung Hsu, MD
• Talia Ben-Jacob, MD

• Kathleen E. Kwiat, DO
• Bharati T. Mithani, MD
• Ludmil Mitrev, MD
• Kinjal M. Patel, MD
• Erin W. Pukenas, MD
• Robert J. Romisher, DO
• Michael Sabia, MD
• John E. Safaryn, MD
• Cheryl Seabron-Rambert, MD
• Alann R. Solina, MD
• Dhiren Soni, DO
• Magdy F. G. Takla, MD
• Keyur Trivedi, MD
• Dejan Vuckovic MD

* Cooper Medical School of Rowan University

For referral assistance, call 1-800-8-COOPER

41
DEPARTMENT OF ANESTHESIOLOGY

Paul B. Audu, MD
Attending Anesthesiologist
Medical Education: Ahmadu Bello University, Zaria, Nigeria
Residency: Anesthesiology - Thomas Jefferson University Hospital, Philadelphia, PA
Fellowship: Anesthesiology - Thomas Jefferson University Hospital, Philadelphia, PA
Certification: Anesthesiology

Ahmed S. Awad, MD
Assistant Professor of Anesthesiology*
Associate Division Head, Cardiothoracic Anesthesia, Cardiac Anesthesiologist
Medical Education: Ain Shams University, Cairo, Egypt
Residency: Anesthesiology - Sharm El Sheikh International Hospital, South Sinai, Egypt, Anesthesiology - New York University School of Medicine, New York, NY, Anesthesiology - Nasser Institute Hospital, Cairo, Egypt
Fellowship: Cardiothoracic Anesthesiology - New York University School of Medicine, New York, NY
Certification: Anesthesiology, Peri-Operative Transesophageal Echocardiogram
Special Interests: Cardiac thoracic anesthesia, vascular surgeries, perioperative transesophageal echocardiogram, and anesthesia for transcatheter aortic valve implantation (TAVI).

Kelly A. Bolkus, DO
Assistant Professor of Clinical Anesthesiology*
Attending Anesthesiologist
Medical Education: UMDNJ-School of Osteopathic Medicine, Stratford, NJ
Residency: Anesthesiology - Cooper University Hospital, Camden, NJ
Certification: Anesthesiology
Special Interests: Regional anesthesia.

Amanda R. Burden, MD
Associate Professor of Anesthesiology*
Director, Simulation Program
Medical Education: Drexel University College of Medicine, Philadelphia, PA
Residency: Anesthesiology - Hospital of the University of Pennsylvania, Philadelphia, PA, Pediatric Anesthesiology - Children’s Hospital of Philadelphia, Philadelphia, PA
Certification: Anesthesiology
Special Interests: Pediatric anesthesiology, airway management, development and use of emergency checklists, patient safety, ending disparities in healthcare and education, simulation in healthcare, education and assessment.

* Cooper Medical School of Rowan University

For the most current information, visit CooperHealth.org
Edward R. Deal, DO
Assistant Professor of Anesthesiology*
Vice Chairman, Department of Anesthesiology
Medical Education: UMDNJ-School of Osteopathic Medicine, Stratford, NJ
Residency: Anesthesiology - Kennedy Memorial Hospital, Stratford, NJ
Fellowship: Cardiothoracic Anesthesia - Kennedy Memorial Hospital, Stratford, NJ,
        Pain Management - Cooper University Hospital, Camden, NJ
Certification: Anesthesiology
Special Interests: Trauma anesthesia, oncology anesthesia, and cardiothoracic anesthesia.

Matthew DeAngelis, DO
Assistant Professor of Clinical Anesthesiology*
Anesthesiologist
Medical Education: UMDNJ - School of Osteopathic Medicine, Stratford, NJ
Residency: Anesthesiology - Cooper University Hospital, Camden, NJ
Special Interests: Regional anesthesia.

Ronak G. Desai, DO
Assistant Professor of Anesthesiology*
Director, Division Regional Anesthesia, Director of Rotating/Visiting Residents
Medical Education: Lake Erie College of Osteopathic Medicine, Erie, PA
Residency: Anesthesiology - University of Chicago Hospitals, Chicago, IL
Certification: Anesthesiology
Special Interests: Cardiac anesthesia, transesophageal echocardiography, regional
        anesthesia and postoperative pain management, and postoperative cognitive dysfunction.

Kingsuk Ganguly, MD
Anesthesiologist, Pain Medicine Specialist
Medical Education: Rutgers New Jersey Medical School, Newark, NJ
Residency: Anesthesiology - Stanford University Medical Center, Stanford, CA
Fellowship: Pain Medicine - New York Presbyterian-Weill Cornell Medical Center,
        Hospital for Special Surgery, Memorial Sloan-Kettering Cancer Center, New York, NY
Certification: Anesthesiology, Pain Medicine
Special Interests: Low back pain, neck pain and dorsal column stimulation.

Jeffrey A. Gerritsen, MD
Assistant Professor of Clinical Anesthesiology*
Attending Anesthesiologist
Medical Education: Temple University School of Medicine, Philadelphia, PA
Residency: Anesthesiology - Cooper University Hospital, Camden, NJ

* Cooper Medical School of Rowan University
For referral assistance, call 1-800-8-COOPER
DEPARTMENT OF ANESTHESIOLOGY

Bharathi Gourkanti, MD

Assistant Professor of Anesthesiology*

Director, Division of Pediatric Anesthesia, Director of Clinical Competency Committee for Residency Program

Medical Education: Kakatiya Medical College, Warangal, India
Residency: Anesthesiology - Maimonides Medical Center, Brooklyn, NY
Certification: Anesthesiology
Special Interests: Pediatric anesthesia and ambulatory anesthesia.

Irwin Gratz, DO

Professor of Anesthesiology*
Residency Program Director

Medical Education: Philadelphia College of Osteopathic Medicine, Philadelphia, PA
Residency: Anesthesiology - Hospital of the University of Pennsylvania, Philadelphia, PA
Fellowship: Anesthesiology - Hospital of the University of Pennsylvania, Philadelphia, PA
Certification: Anesthesiology
Special Interests: Anesthesia for pancreatic surgery, research anesthesia, and medical education.

Robert A. Hirsh, MD

Assistant Professor of Anesthesiology*
Co-Director, Division of Pain Management, Pain Medicine Specialist, Anesthesiologist

Medical Education: Albert Einstein College of Medicine, Bronx, NY
Residency: Anesthesiology - Montefiore Medical Center, New York, NY
Fellowship: Anesthesiology Pain Management - Memorial Sloan-Kettering Cancer Center, New York, NY
Certification: Pain Management, Anesthesiology
Special Interests: Medical education, scholar’s workshop, non-invasive cardiac function and physiologic monitoring radiofrequency lesioning for treatment of spine pain due to facet arthropathy.

George Chiahung Hsu, MD

Attending Anesthesiologist

Medical Education: University of Virginia School of Medicine, Charlottesville, VA
Residency: Anesthesiology - Thomas Jefferson University Hospital, Philadelphia, PA

* Cooper Medical School of Rowan University
Talia K. Ben-Jacob, MD, MS
Assistant Professor of Anesthesiology*
Attending Anesthesiologist

Medical Education: University of Vermont College of Medicine, Burlington, VT
Residency: Surgery - Cooper University Hospital, Camden, NJ, Anesthesiology - Cooper University Hospital, Camden, NJ
Fellowship: Critical Care - Barnes-Jewish Hospital-Washington University School of Medicine, St. Louis, MO
Certification: Anesthesiology, Critical Care Medicine
Special Interests: Critical care, obstetric critical care and anesthesia, cardiac critical care and anesthesia, simulation, and medical education.

Kathleen E. Kwiat, DO
Anesthesiologist

Medical Education: UMDNJ-School of Osteopathic Medicine, Stratford, NJ
Residency: Anesthesiology - Cooper University Hospital, Camden, NJ
Certification: Anesthesiology

Bharati T. Mithani, MD
Assistant Professor of Anesthesiology*
Head, Division of Ambulatory Anesthesia

Medical Education: Lokmanya Tilak Municipal Medical College, Mumbai, India
Residency: Johns Hopkins Hospital, Baltimore, MD
Fellowship: Johns Hopkins Hospital, Baltimore, MD
Certification: Anesthesiology
Special Interests: Pediatric anesthesia, ambulatory anesthesia, and regional anesthesia.

Ludmil V. Mitrev, MD
Assistant Professor of Anesthesiology*
Attending Anesthesiologist

Medical Education: University of Oslo Faculty of Medicine, Oslo, Norway
Residency: St. Luke’s-Roosevelt Hospital Center, New York, NY
Fellowship: Cardiothoracic Anesthesiology, Columbia University Medical Center/New York-Presbyterian Hospital, New York, NY
Certification: Anesthesiology
Special Interests: Perioperative transesophageal echocardiography (TEE), and regional anesthesia.

Kinjal M. Patel, MD
Assistant Professor of Anesthesiology*
Anesthesiologist

Medical Education: Jefferson Medical College, Philadelphia, PA
Residency: Anesthesiology - McGaw Medical Center of Northwestern University, Chicago, IL
Fellowship: Adult Cardiac Anesthesiology - McGaw Medical Center of Northwestern University, Chicago, IL
Certification: Anesthesiology, Advanced Perioperative Transesophageal Echocardiography
Special Interests: Adult cardiothoracic anesthesia, heart failure and mechanical assist devices, regional anesthesia, and high-risk obstetrical anesthesia.

* Cooper Medical School of Rowan University

For referral assistance, call 1-800-8-COOPER
DEPARTMENT OF ANESTHESIOLOGY

Erin W. Pukenas, MD
Assistant Professor of Anesthesiology*
Vice Chief/Vice Chair for Administrative Affairs, Assistant Dean of Student Affairs, CMSRU
Medical Education: West Virginia University School of Medicine, Morgantown, VA
Residency: Anesthesiology - Cooper University Hospital, Camden, NJ
Fellowship: Pediatric Anesthesiology - Children’s Hospital of Philadelphia, Philadelphia, PA
Certification: Anesthesiology, Pediatric and Adult Simulation
Special Interests: Neonatal anesthesia, patient safety and perioperative communication improvement.

Robert J. Romisher, DO
Assistant Professor of Clinical Anesthesiology*
Director, Office-Based Anesthesia
Medical Education: Nova Southeastern University College of Osteopathic Medicine, Fort Lauderdale, FL
Residency: Anesthesiology - Hahnemann University Hospital, Philadelphia, PA
Certification: Anesthesiology
Special Interests: Office-based anesthesia and outpatient anesthesia.

Michael Sabia, MD
Assistant Professor of Anesthesiology*; Pain Medicine Fellowship Director
Division Head, Pain Management, Pain Medicine Specialist
Medical Education: New York Medical College, Fifth Pathway Program, Valhalla, NY
Residency: Anesthesiology - Cooper University Hospital, Camden, NJ
Fellowship: Pain Medicine - Beth Israel Medical Center, New York, NY
Certification: Anesthesiology, Pain Medicine
Special Interests: Spinal cord stimulation, post laminectomy syndrome, radiofrequency ablation, and low back pain.

John E. Safaryn, MD
Assistant Professor of Anesthesiology*
Attending Anesthesiologist
Medical Education: UMDNJ - New Jersey Medical School, Newark, NJ
Residency: Anesthesiology - New York University Medical Center, New York, NY
Certification: Anesthesiology
Special Interests: Cardiothoracic anesthesia, neuroanesthesia, and ambulatory anesthesia.

Cheryl Seabron-Rambert, MD
Director, Bariatric Anesthesiology
Medical Education: SUNY Downstate Medical Center College of Medicine, Brooklyn, NY
Residency: SUNY Health Science Center, Brooklyn, NY
Certification: Anesthesiology
Special Interests: Bariatric anesthesia and pediatric anesthesia.
* Cooper Medical School of Rowan University
Alann R. Solina, MD
Professor of Anesthesiology*
Chairman and Chief, Department of Anesthesiology

Medical Education: St. Georges University School of Medicine, Grenada, West Indies

Residency: Internal Medicine - Saint Joseph's Hospital and Medical Center, Paterson, NJ, Anesthesiology - Beth Israel Medical Center, New York, NY

Fellowship: Cardiac Anesthesiology - Pennsylvania State University, Milton S. Hershey Medical Center, Hershey, PA

Certification: Anesthesiology, Echocardiography

Special Interests: Cardiothoracic anesthesiology (particularly for ventricular assist device, minimally invasive and robotic procedures), and perioperative echocardiography.

Dhiren Soni, DO
Assistant Professor of Anesthesiology*
Head, Division of Obstetrical Anesthesia

Medical Education: Nova Southeastern University College of Osteopathic Medicine, Fort Lauderdale, FL

Residency: Mercy Hospital, Philadelphia, PA

Fellowship: University of Pittsburgh Medical Center, Pittsburgh, PA

Certification: Anesthesiology

Special Interests: Obstetric anesthesia, and cardiothoracic anesthesia.

Magdy F. Takla, MD
Assistant Professor of Clinical Anesthesiology*
Attending Obstetrical Anesthesia

Medical Education: Alexandria Faculty of Medicine - University of Alexandria, Egypt

Residency: North Shore University Hospital, Manhasset, NY, Brookdale University Hospital, Brooklyn, NY

Certification: Anesthesiology

Special Interests: Obstetric anesthesia, trauma anesthesia, and regional anesthesia.

Keyur C. Trivedi, MD
Assistant Professor of Anesthesiology*
Co-Division Head, Neuro Anesthesia, Director of Medical Student Education

Medical Education: Temple University School of Medicine, Philadelphia, PA

Residency: Anesthesiology - University of Chicago Hospitals, Chicago, IL

Certification: Anesthesiology

Special Interests: Regional anesthesia, cardiothoracic anesthesia, neuroanesthesia, resident and medical student education.
DEPARTMENT OF ANESTHESIOLOGY

Dejan Vuckovic, MD
Assistant Professor of Anesthesiology*
Attending Anesthesiologist

Medical Education: University of Nis Faculty of Medicine, Nis, Serbia
Residency: Anesthesiology - Thomas Jefferson University Hospital, Philadelphia, PA,
Anesthesiology - University of Toronto Faculty of Medicine, Toronto, Ontario,
Canada

Fellowship: Cardiac Anesthesia - Toronto General Hospital, Toronto, Ontario, Canada
Certification: Anesthesiology, Echocardiography
Special Interests: Cardiothoracic anesthesia.

* Cooper Medical School of Rowan University
Anesthesiology - Pain Management

Department of Anesthesiology

Alann R. Solina, MD, Chairman* and Chief, Department of Anesthesiology
Edward R. Deal, DO, Vice Chief, Department of Anesthesiology
Michael Sabia, MD, Head, Division of Pain Management; Director, Pain Medicine Fellowship

Division Office:
Three Cooper Plaza, Suite 314
Camden, NJ 08103
t. (856) 963-6770

Administrative Contact:
Sharon Christopher
t. (856) 963-6770
t. (856) 968-8240

Central Scheduling for Appointments: (856) 963-6770
(Camden and Voorhees)

Locations

• CAMDEN
  Three Cooper Plaza
  Suite 314
  Camden, NJ 08103

• VOORHEES
  900 Centennial Boulevard
  Building 1, Suite E
  Voorhees, NJ 08043
t. (856) 325-6535

Programs/Services

• Therapeutic and diagnostic nerve blocks
• Cervical, thoracic, and lumbar epidural steroid blocks
• Caudal blocks
• Spinal diagnostics and discography
• Disc decompression
• Fluoroscopic guided nerve blocks including cervical and lumbar epidural steroid injections
• CAT scan and fluoroscopic guided celiac plexus blocks
• Sympathetic blocks including stellate ganglion blocks, lumbar and continuous nerve blocks
• Trigger point injections
• Intercostal nerve blocks
• Neurolytic nerve blocks
• Insertion of peripheral nerve and spinal cord stimulator trials
• Intrathecal pump trials
• Facet blocks and Radiofrequency lesioning
• Acupuncture
• Cancer related pain

Physicians

• Kingsak Ganguly, MD ............... 1336584762
• Robert A. Hirsh, MD ............... 1518067206
• Michael Sabia, MD ................. 1780881029
• Jasjit Sehdev, MD ................. 1972984334

* Cooper Medical School of Rowan University

For referral assistance, call 1-800-8-COOPER
Kingsuk Ganguly, MD

Anesthesiologist, Pain Medicine Specialist

Medical Education: Rutgers New Jersey Medical School, Newark, NJ

Residency: Anesthesiology - Stanford University Medical Center, Stanford, CA

Fellowship: Pain Medicine - New York Presbyterian-Weill Cornell Medical Center, Hospital for Special Surgery, Memorial Sloan-Kettering Cancer Center, New York, NY

Certification: Anesthesiology, Pain Medicine

Special Interests: Low back pain, neck pain and dorsal column stimulation.

Robert A. Hirsh, MD

Assistant Professor of Anesthesiology*  
Co-Director, Division of Pain Management, Pain Medicine Specialist, Anesthesiologist

Medical Education: Albert Einstein College of Medicine, Bronx, NY

Residency: Anesthesiology - Montefiore Medical Center, New York, NY

Fellowship: Anesthesiology Pain Management - Memorial Sloan-Kettering Cancer Center, New York, NY

Certification: Pain Management, Anesthesiology

Special Interests: Medical education, scholar’s workshop, non-invasive cardiac function and physiologic monitoring radiofrequency lesioning for treatment of spine pain due to facet arthropathy.

Michael Sabia, MD

Assistant Professor of Anesthesiology*; Pain Medicine Fellowship Director  
Division Head, Pain Management, Pain Medicine Specialist

Medical Education: New York Medical College, Fifth Pathway Program, Valhalla, NY

Residency: Anesthesiology - Cooper University Hospital, Camden, NJ

Fellowship: Pain Medicine - Beth Israel Medical Center, New York, NY

Certification: Anesthesiology, Pain Medicine

Special Interests: Spinal cord stimulation, post laminectomy syndrome, radiofrequency ablation, and low back pain.
Jasjit Sehdev, MD
* Pain Medicine Specialist, Anesthesiologist

**Medical Education:** Drexel University College of Medicine, Philadelphia, PA

**Residency:** Anesthesiology - Cooper University Hospital, Camden, NJ

**Fellowship:** Pain Management - Cooper University Hospital, Camden, NJ

**Certification:** Anesthesiology

* Cooper Medical School of Rowan University

* For referral assistance, call 1-800-8-COOPER