

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

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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. Kwiatt, 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

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.

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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



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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

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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. Kwiatt, 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.

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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.

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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.



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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.

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Michael Sabia, MD, Head, Division of Pain Management; Director,
 Pain Medicine Fellowship

Division Office:	Administrative Contact:
Three Cooper Plaza, Suite 314	Sharon Christopher
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t. (856) 963-6770	f. (856) 968-8240

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 (Camden and Voorhees)

Locations

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 Camden, NJ 08103

• **VOORHEES**

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

Programs/Services

- | | |
|---|---|
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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

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

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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.

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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

