**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:**

One Cooper Plaza Kelemen - Suite 294B Camden, NJ 08103 t. (856) 342-2425

## **Administrative Contact:**

Cheri Yannette t. (856) 342-2919 f. (856) 968-8236

### Locations

f. (856) 968-8326

## 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. 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

<sup>\*</sup> Cooper Medical School of Rowan University

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).



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\*

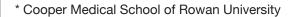
Director, Simulation Program

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.



# 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.



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.



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\*

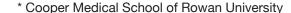
Attending Anesthesiologist

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

Residency: Anesthesiology - Cooper University Hospital, Camden, NJ









### 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







# 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



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 transesophagael 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











## 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,

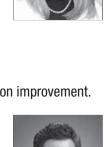
NY

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.



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.



<sup>\*</sup> Cooper Medical School of Rowan University

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.



<sup>\*</sup> Cooper Medical School of Rowan University

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 f. (856) 968-8240

# Central Scheduling for Appointments: (856) 963-6770

(Camden and Voorhees)

# Locations

• CAMDEN

Three Cooper Plaza Suite 314 Camden, NJ 08103

# **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

#### VOORHEES

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

- 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

<sup>\*</sup> Cooper Medical School of Rowan University

# **PAIN MANAGEMENT | Department of Anesthesiology**

# 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.



<sup>\*</sup> Cooper Medical School of Rowan University

# **Department of Anesthesiology I PAIN MANAGEMENT**

# 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



<sup>\*</sup> Cooper Medical School of Rowan University