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## RESIDENCY PROGRAM

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### OVERVIEW

Brookdale began as one small building rising amidst the vacant fields and scattered farms where the neighborhoods of Brownsville, East New York, and Canarsie come together. Now, as one of the largest nonprofit voluntary teaching hospitals in Brooklyn the hospital covers a 10-acre campus in addition to six Brookdale Family Care Centers and is a NYS Level 1 Trauma (ACS level 2), Stroke and STEMI Center, equipped with all on-site specialties, including neurosurgery, orthopedics/hand surgery, oral and maxillofacial surgery (OMFS)/dental, ear-nose-throat (ENT), ophthalmology, vascular, and interventional radiology. We are also a receiving transfer center for some of our neighboring non-trauma center hospitals. In addition, we have a dedicated Pediatric Emergency Department.

BUHMC is committed to being the focus of a healthy community, stressing the organization's values of caring and respect for everyone.

At BUHMC, we serve one of the most resource-insecure patient populations in the country, a demographic that is grossly underserved in the system in both medicine and policies. It is a patient population that is marginalized and recognized as a leading statistic in the areas of gun violence, lack of health insurance, maternal mortality, low salaries, limited housing and job opportunities, to name a few. To say that we serve a community that is truly in need of physicians cannot be understated and it is undeniable that our patients' lives have been made better because of our emergency medicine residency program. We are grateful to have a program in East New York – Brownsville, where we are able to make a difference.

The clinical environment of our residency program is like few others, if any, in a metropolitan area. In their three years of training at BUHMC, our residents see a breadth of patient pathology and have the procedural experience that residents from neighboring institutions have not encountered. The diversity, inclusion, collaboration, community focus, and dedication to patient care that we have at Brookdale is what makes this program both unique and necessary.

As a teaching hospital, our core faculty and attending physicians are dedicated to training highly capable Emergency Medicine physicians who can practice anywhere and provide patient care above the standard. We are a three-year Emergency Medicine residency program accredited by the *American Council for Graduate Medical Education (ACGME)*. Our Emergency Department (ED) is staffed by board-certified physicians and a team of trained nurses, physician assistants, and patient care technicians.

Of our 27 graduates, 11 have gone onto fellowships in Critical Care, International Medicine, Pain Medicine, Simulation, Sports Medicine, and Ultrasound. Additionally, 10 of our graduates have chosen to remain with our program as attending physicians in Brookdale's Emergency Department. This retention speaks to the fulfillment that comes from serving a patient population in need and the ability to make a difference in patients' lives, during residency and beyond.

### CLINICAL EXPERIENCE (BY TRAINING LEVEL)

Working an average of 3 – 5 clinical shifts per week under the supervision of faculty attendings, residents on the EM and Pediatric EM (PEM) rotations treat patients with a variety of pathologies, illnesses and acuities. Residents are granted progressive responsibilities as they advance in their training, as documented in composite performance evaluations. Attendings provide on-shift and post-shift feedback, available to residents for review and response.

### PGY/EM-1

Our interns start the year with an Orientation block which introduces them to the basics of Emergency Medicine, and exposes to them to the department. They have daily lectures, as well as workshops and shadow shifts. For the remainder of the year, PGY-1 residents spend most of their time in the ED but also get dedicated rotations in the MICU, CCU, anesthesia, EMS and Ultrasound. In the ED, residents are scheduled to work 17 12-hour shifts.

### PGY/EM-2

The PGY-2 year is also called the “resuscitation year” because these residents spend time in the SICU, CCU, CCM and PICU/NICU. Residents also get increasing ED resuscitation shifts and responsibilities. In the ED, PGY-2 residents are scheduled to work 16 12-hour shifts.

### PGY/EM-3

Third-year residents spend most of their time in the ED but get additional exposure to OB and Administration. They also have 2 blocks of electives. In the ED, PGY-3 residents work 15 12-hr shifts in the ED

Recent offerings for residents’ electives include:

- Anesthesiology (Brookdale Hospital)
- Community Medicine (Interfaith)
- Event Medicine (Maimonides Medical Center)
- Interventional Radiology (Brookdale Hospital)
- Medical Education (Brookdale Hospital, Department of Emergency Medicine)
- Medical Toxicology at the N.Y. Poison Control Center (New York, NY)
- Orthopedic Surgery (Brookdale Hospital)
- Pain Management (Brookdale Hospital)
- Palliative Care (Brookdale Hospital)
- Simulation (Maimonides Medical Center)
- Trauma Airway (The Shock Trauma Center, Baltimore, M.D.)
- *International* Electives have been completed in Ghana, Jamaica, India, and Uganda.

## DIDACTICS

EM Conference is held each week at Brookdale Hospital on Wednesday mornings, typically from 9 am – 1 pm, and includes case conferences, Morbidity & Mortality (M&M) presentations, senior resident lectures, core content review, group cases, and Grand Rounds presentations from department and visiting faculty. Pre-conference asynchronous assignments are assigned and checked weekly. Mock exams help residents identify any knowledge gaps and develop or refine their study skills in preparation for their board exam.

## RESEARCH EXPERIENCE

All residents are required to complete a scholarly project in order to graduate from the residency program. This is an opportunity to start developing an academic niche, explore an area of interest, and leave a mark on our residency program and specialty. There are many creative possibilities for fulfilling this requirement. The decision is a big one, therefore, residents should involve their faculty advisors and the Program Directors in helping them to decide. All projects must be approved by the Program Director in advance.

The final scholarly project will be included in each resident portfolio as a component for assessment of the ACGME’s Practice-Based Learning and Improvement (PBL&I) core competency.

## WELLNESS

We realize the importance of resident/faculty wellness in both performance and career satisfaction. The Resident Wellness Committee is run by a group of residents and faculty and is dedicated to providing

resources and organizing activities to help residents stay physically and emotionally healthy, as well as develop good habits for the future.

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## CLERKSHIP PROGRAM

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### OVERVIEW

Through our EM clerkship, students will be able to:

- ✓ Gain an understanding of how the hospital works as a whole, starting from the Emergency Department (ED).
- ✓ Gain experience in performing a focused history and physical exam.
- ✓ Gain experience presenting their findings to attending physicians and advanced practice providers\*
- ✓ Broaden their understanding of differential diagnosis and treatment plans
- ✓ Take advantage of the opportunity to perform and/or observe a wide range of procedures

Working in the Emergency Department offers a unique opportunity to evaluate the “undifferentiated” patient. The clinical environment is intense and, at times, will seem chaotic; however, students will be able to gain an understanding of how the hospital functions.

Students will also have opportunities to perform and/or observe a wide range of procedures and should plan to be proficient in some (i.e. IV placement) by the end of the rotation.

Common ER procedures include:

- Peripheral IV starts
- NG/OG tube placement
- Foley catheter placement
- CPR, ACLS protocols
- Central line placement
- Intubations
- Chest tube placement
- endotracheal intubations,
- central line placements,
- laceration repairs,
- reductions of dislocated joints and fractures,
- splint placements, and
- lumbar punctures.

### CLINICAL EXPERIENCE

PA and medical students work approximately 14 12-hour shifts in the ED areas: Trauma, Major Medicine, and Pediatrics. Students can also complete a 2-week Pediatric EM rotation, if eligible and time permits.