

Matthew Miller, PA-C, MPAS
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Curriculum Vitae

Summary of Expertise

Neurosurgical/Spine Physician Assistant/Physician Associate with 5+ years of clinical experience as a surgical clinician. I have accumulated over 2,000+ neurosurgical cases as a Physician Assistant and First Assist. I take neurosurgery call at a level 1 trauma center for the operating room for all neurosurgical emergent cases. My expertise includes complex neurosurgical conditions, pre-operative, intra-operative, and post-operative patient management and care.

Professional Experience

AP Health | Neurosurgery Physician Assistant | Fort Lauderdale, FL | June 2023 – Present

- Surgical Physician Assistant/First Assist to 10 attending neurosurgeons in the Memorial Hospital System in Broward County for trauma, emergent, and elective neurosurgical cases
- First call at a level 1 trauma center in Hollywood, Florida for neurosurgical emergencies. Call covers 12 hours/day during the week and 24 hours/day on the weekend. I take call 12 days/month
- Preoperative history and physical exams completed for patients prior to going to operating room
- Review and interpret diagnostic imaging including ultrasound, X-ray, CT, and MRI
- Collaborate with supervising neurosurgeon of intra operative and post operative patient planning
- Use advanced technical skills while operating such as suturing, cauterizing, injecting, dissecting, and excising under supervision of attending physician
- Position patient on surgical table for appropriate procedure
- Fully drape patient prior to the start of surgery

- Review all patient records prior to surgery to optimize patient care
- Management of lumbar, hemovac drains adhering to standards of care
- Communicate with anesthesia, circulating nurses, scrub technicians and intraoperative neuromonitoring technician for patient optimization during the case
- Prepare and utilize intraoperative neuro-navigation/Robotic tools (BrainLab, Medtronic, ROSA)
- Over 1,000+ surgeries assisted

Gerling Spine Care and Research Institute | Spine Surgery Physician Assistant | New York, NY | Dec 2019 – May 2023

- Work alongside two spine surgeons in hospital and office settings to provide comprehensive care to a complex population with various comorbidities and surgical issues
- First assist in various spinal procedures including Anterior Cervical Discectomy and Fusion, Anterior Cervical Disk Arthroplasty, Posterior Spinal Fusion, Transforaminal Lumbar interbody fusion (minimally invasive, endoscopic and robotic), lumbar discectomies (endoscopic and tubular) and sacroiliac joint fusions.
- Assess, evaluate, and manage patients with acute and chronic illnesses such as cervical disc herniation, cervical myelopathy, cervical radiculopathy, cervical spondylolisthesis, lumbar disc herniation, lumbar radiculopathy, lumbar spondylolisthesis
- Assess patients in the office following motor vehicle accidents, slip and falls, and injuries at the workplace
- Manage patients through the totality of care from initial consultations, pre-operative follow-ups, intra-operative assisting and post-operative visits
- Order and interpret applicable diagnostic tests including blood work imaging studies such as X-Rays, MRIs and CT scans
- Place post-operative orders for patients upon admission following surgery
- Write post-op notes for prompt documentation
- Perform pre-operative and post-operative evaluation and management
- Provide patient callbacks, report diagnostic findings and convey patient education for prevention and treatment of chronic disease
- Assist in writing narrative reports for patient legal cases
- Over 1000+ surgeries performed

Education

Touro College of Health Sciences

August 2017 – August 2019

- Master of Science in Physician Assistant Studies
- Bay Shore, NY

University of Maryland

August 2012 – May 2016

- Bachelor of Science in Kinesiology
- College Park, MD

Licenses and Certifications

NCCPA Physician Assistant Certified	2019 – Present
Florida Medical License	2023 – Present
New York Medical License	2019 – Present
New Jersey Medical License	2020 – Present
New York DEA License	2020 – Present
New Jersey DEA License	2020 – Present
ACLS Certified	2019 – Present
BLS Certified	2019 – Present

Expert Not Retained