

Alex Ashton

Education

Yale University School of Medicine 2000 - 2002
Physician Associate Program – Class of 2002
Masters of Medical Science

- Thesis – Pre-hospital use of Metoprolol by paramedics in the setting of a MI.

Metropolitan State College of Denver 1991 - 1996
Bachelor of Science – Chemistry with a minor in Biology

Medical Experience

Physician Assistant 3/2003 - Present
Physician Assistant with Boulder Neurosurgical Associates covering both Longmont United Hospital and Boulder Community Hospital. Responsibilities include first assisting in the operating room, patient rounds in the ICU and floor, inpatient and outpatient consultations, along with outpatient follow-up and evaluation.

Physician Associate Student 2000 - 2002
Clinical rotations at Yale New Haven Hospital and affiliated institutions included Internal Medicine, Family Practice, Obstetrics and Gynecology, Emergency Medicine, Pediatrics, Psychiatry and General Surgery. Elective rotations included Renal/Endocrinology, Orthopedics, Trauma Surgery/Critical Care, Cardiology and Neurosurgery.

Paramedic 1994 - Present
Paramedic in several diverse settings, including mountain, urban and rural environments, providing 911 Advanced Life Support and transfer services under standing and direct order protocols. Agencies include Boulder County Paramedics, Weld County Ambulance, AMR Boulder County, Summit County Ambulance and Medtrans of the Rockies.

Emergency Medical Technician 1991 – 1994
EMT with Summit County Ambulance and the Keystone Ski Patrol providing basic life support care in a difficult mountain environment.

Professional Memberships

American Academy of Physician Assistants

Accreditations and Licenses

Nationally Certified Physician Assistant
Colorado Certified Physician Assistant
Colorado Certified Paramedic
Advanced Cardiac Life Support
Pediatric Advance Life Support
Audited Advanced Trauma Life Support
Basic Life Support

Research Experience

Restoration of Cervical Sagittal Alignment and Clinical Outcomes in Anterior Cervical Discectomy and Fusion Patients. Sponsor – Justin Parker Neurosurgical Research Foundation, Boulder Neurosurgical Associates. (2003 – 2008)

Role: Research Assistant

Prospective Randomized Clinical study evaluating use of Perioperative Antibiotics in Neurosurgery Sponsor – Boulder Neurosurgical Associates. (2003 –2004)

Role: Research Assistant

Clinical Outcome Correlation with Serum, CSF, Brain Extracellular Magnesium and other Biochemical Markers Following Traumatic Brain Injury and Intracranial Hemorrhage. Sponsors – Colorado Department of Human Services, Nova Biomedical, Microdialysis, Justin Parker Neurosurgical Research Foundation, Boulder Neurosurgical Associates. (08/2005 – 04/2007)

Role: Research Assistant

A Prospective, Randomized Controlled Clinical Investigation of MAVERICK™ Total Disc Replacement in Patients with Degenerative Disc Disease. Sponsor – Medtronic Sofamor Danek. (2004 – 2008)

Role: Research Assistant

Normal Pressure Hydrocephalus (NPH) Registry. Managed by AANS, Neuro-Knowledge and Outcome, Sponsored by Codman and Shurtleff, Inc. (2005 – 2008)

Role: Research Assistant

Pivotal IDE Study of the Wallis Mechanical Normalization System. Sponsor – Abbott Spine, Inc. (2005 – present)

Role: Research Assistant

A Multicenter, Prospective, Randomized, Controlled Study to Compare Balloon Kyphoplasty to Non-Surgical Fracture Management in the Treatment of Painful, Vertebral Body Compression Fractures in Cancer Patients. Sponsor – Kyphon, Inc. (February, 2006 – 2008)

Role: Research Assistant

Prospective, Multi-center, Randomized, Active-Controlled Study of the Wallis® System for the Treatment of Mild to Moderate Degenerative Disc Disease of the Lumbar Spine.

Sponsor – Abbott Spine. (2007 – present).

Role: Research Assistant

Clinical Trial Comparing the Blackstone Advent™ Cervical Disc to Anterior Cervical Discectomy and Fusion (ACDF) for the Treatment of One Level Degenerative Disc Disease. Sponsor – Blackstone Medical. (2008 – present).

Role: Research Assistant