

AARON KEIL PT, DPT, OCS

University of Illinois at Chicago

EDUCATION / SPECIALIST CERTIFICATIONS

Doctor of Physical Therapy

August 2011

- University of New England

Board Certified Orthopedic Clinical Specialist

March 2002 and April 2013

- American Physical Therapy Association

Bachelor of Science Physical Therapy

May 1994

- California State University Long Beach

PRACTICE EXPERIENCE:

Asst. Head of Clinical Affairs / Clinical Assoc. Professor UIC *Chicago, IL Sept 2014 Current*

- Provide leadership and ongoing oversight of residency and fellowship programs
- Responsible for creation, modification and instruction of various aspects of academic program curricula within UIC's Doctor of Physical Therapy program
- Oversee daily operations of Faculty Practice
- Primary Course Coordinator for Diagnostic Imaging and Modalities
- Serve as Faculty Advisor to students
- Director: Faculty Practice
- Director: Orthopedic Residency

Outpatient Rehab Manager: The Johns Hopkins Hospital *Baltimore, MD June 2012 – Sept 2014*

- Oversee outpatient clinical and administrative activities for Physical Therapy, Occupational Therapy and Speech and Language Pathology services (45 FTEs)
- Serve as Clinical Faculty for Orthopedic Residency Program
- Participate in screening, interviewing and selection of orthopedic residency candidates
- Provide administrative input for the outpatient neurologic residency program
- Determine annual plan for hosting onsite continuing education courses for staff
- Develop, oversee and manage outpatient budget
- Oversee performance improvement initiatives related to cost containment, clinical excellence (best practices), employee engagement, patient satisfaction and productivity
- Ensure department-wide compliance with Federal and State regulations and hospital policies
- Provide direct patient care for patients with orthopaedic conditions

Clinical Leader: Georgetown University Hospital

Washington D.C. Jan 2009 – June 2012

- Oversee daily operations of hospital-based outpatient physical therapy clinic
- Serve as Clinical Faculty for Orthopedic Residency Program
- Serve as clinical consultant to staff members for complex foot and ankle cases
- Provide clinical in-services to staff therapists
- Conduct annual performance reviews of senior clinical staff
- Oversee program development and quality improvement initiatives
- Conduct interviews and select candidates for employment
- Provide direct patient care (approximately 25 hrs/wk)

Rehab Department Supervisor – P.A.C.E

San Diego, CA 2008

- Oversee daily operations of rehab dept. (OT, PT and ST).
- Coordinate staff and patient scheduling.
- Responsible for training all staff on appropriate documentation and billing procedures.
- Represent OT, PT and Speech at all Interdisciplinary Team Meetings.
- Track Quality Assurance Indicators and report as necessary.
- Provide direct patient care (30 hours/week)

Owner / Director - Aaron Keil Physical Therapy, Inc.

San Diego, CA

2005-2008

- Provide one on one services to clients in their home.
- Partnered with referring agencies to cover multiple regions of San Diego County
- Evaluation and treatment of patients with a variety of movement disorders

Owner / Director – PainFreeRunning

San Diego, CA

2005-2006

- Private practice dedicated solely to the running athlete.
- Responsible for financial forecasting, marketing, hiring and training of staff.
- Biomechanical analysis of runners using slow motion digital video analysis.
- Direct patient care for patients with running-related injuries (approximately 20 hours /week)
- Provided shoe wear analysis and recommendations, specialized exercise programs, custom orthotics.

- Running Analysis Clinic Coordinator
- Clinical Instructor to multiple graduate students.
- Clinical mentor to staff physical therapists.
- Functioned in primary care role for patients suffering from Acute Back Pain (ABC clinic).
- Lectured for in-house peer continuing education: Multiple subjects related to Foot and Ankle Complex.
- Provide direct patient care for patients with various orthopedic diagnosis (40 hours/week)

QUALITY IMPROVEMENT / PROGRAM DEVELOPMENT / LEADERSHIP

Director: UIC Physical Therapy Faculty Practice: The University of Illinois at Chicago, Chicago II

- Oversaw opening of inaugural Physical Therapy Faculty Practice at UIC
 - Oversight of scheduling, documentation and billing procedures
 - Creation of policies and procedures
 - Successfully achieved JCAHO accreditation
- Process / quality improvement:
 - Enhancement of patient access and through-put
 - Demonstrated reduction in no-show rate from ~30% to <15%
- Clinical initiatives:
 - Spearheaded effort to formally incorporate dry needling into clinical practice at UIC
 - Creation of dry needling policies and procedures
 - Incorporation of the use of Diagnostic Ultrasound into PT practice

UIC office-based PT practice:

The University of Illinois at Chicago, Chicago II

- Provide leadership and ongoing oversight of our inaugural UIC office-based billing arm now comprised of multiple clinicians
- Successfully navigated the complex processes involved with credentialing
- The financial structure provides direct revenue to the UIC Physical Therapy Dept. in order to fund further innovation and advance clinical practice.

Director: UIC Orthopaedic Physical Therapy Residency:

UIC, Chicago, Chicago IL

- Oversaw process to achieve residency accreditation through the American Physical Therapy Association
- Achieved and maintained a 100% first-time pass rate for all residents taking the board certification exam in orthopaedics
- Oversight of numerous resident-led, IRB supported research projects
- Residents regularly present their research at national conferences
- A very unique element of our program is that our residents are enrolled as graduate students while in the residency and ultimately receive 20 graduate credits for completing the residency
- Residents are involved in teaching orthopaedic exam skills to our UIC Medical Students

No Show Reduction Initiative: - The Johns Hopkins Hospital, Baltimore MD

- Reduced department no-show rate by 10% (25% to 15%) in 3 months
- Decreased total no-show appointments by ~200 missed visits per month
- Resulted in significant improvement in patient access and decreased wait times
- Increased net monthly revenue by ~\$30,000.

Employee Access Initiative: The Johns Hopkins Hospital, Baltimore MD

- Spearheaded collaborative effort with leadership from the departments of Employee Health, Nursing, Facilities / Environmental Services and The Johns Hopkins Hospital Employer Health Programs (EHP) in order to:
 - Improve Hopkins employee awareness of outpatient therapy services
 - Expedite employee access to outpatient services by creation of dedicated employee hotline
 - Increased Employee referrals by 25% in 3 months.

Outpatient clinic space re-design: The Johns Hopkins Hospital, Baltimore MD

- Provided project oversight for re-design of ~6,000 square feet of clinic space
- Responsible for overall design of clinic space and the selection, purchasing and installation of new equipment and supplies

Direct Access Initiative / Program leader: - Georgetown University Hospital, Washington D.C.

- Responsible for creating and overseeing initiative to incorporate direct access provisions for physical therapy patients at Georgetown University Hospital
- Responsible for submitting proposal for updates to Hospital Bylaws
- Developed all Clinical Competencies required for therapists to function as Direct Access Providers
- Secured District of Columbia PT Board approval for direct referral by physical therapists for advanced radiology studies

Foot and Ankle Specialty Clinic – Georgetown University Hospital, Washington D.C.

- Responsible for collaborating with foot and ankle surgeons in order to integrate physical therapy services within the department of foot and ankle surgery
- Develop new methods / pathways to expedite patient access into outpatient therapy
- Promote improved inter-departmental communication between surgeons and rehab services
- Provide quarterly teaching sessions to entire outpatient orthopedic staff

Acute Back Care (ABC) Clinic.- Sharp Rees-Stealy, San Diego, CA

- Collaborative effort between physical therapy and rehab medicine to provide expedited acute care evaluation, diagnosis, and treatment of the orthopedic spine patient.
- Develop procedures for the co-examination by Physical Therapist and Physiatrist.
- Altered referral process to streamline patient entry into rehab services.
- Conduct Physician education related to ABC clinic model and availability.

Rehab Department Supervisor - P.A.C.E., San Diego, CA

- Responsible for original design and implementation of multiple systems related to standard operating procedures, clinical performance measurements, inter-departmental communication, coordination of services and patient scheduling.
- Quality Assurance Team Member – Rehab Department Representative: responsible for selection and implementation of appropriate indicators to track quality of care.
- Design and implementation of disability-specific group therapy classes.

MENTORING / ADVISING:

- Univ. of Illinois at Chicago: Doctor of Physical Therapy Program (2014-current)
 - o Academic advisor
- The University of Illinois at Chicago Residency Program (2014-current)
 - o Clinical Faculty / Mentor
- Orthopaedic Section Mentorship Program (APTA) (2016-2018)
 - o Mentor
- The Johns Hopkins Hospital Orthopedic Residency Program (2013-2014)
 - o Clinical Faculty / Mentor
- Georgetown University Hospital Orthopedic Residency (2010-2012)
 - o Clinical Faculty Mentor

PROFESSIONAL MEMBERSHIP

- American Physical Therapy Association
 - Orthopedic Section
 - Foot and Ankle Special Interest Group
 - Imaging Special Interest Group

STATE LICENSES

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|------------------------|-----------|---------------|------|
| • Illinois | 2015 | | |
| • Maryland | 2012 | Massachusetts | 1996 |
| • District of Columbia | 2009 | Hawaii | 1996 |
| • California | 1994-2008 | New Jersey | 1995 |

PRESENTATIONS / SPEAKING:

Invited presentations:

- The John's Hopkins Hospital 2-Day Continuing Education 2019
 - *Physical Therapists as First-Contact Providers*
- St. Luke's University Hospital 1-Day Continuing Education 2018
 - *Essential Tools for PTs Functioning as First-Contact Providers*
- Aspen Valley Hospital 2-Day Continuing Education 2018
 - *Essential Tools for PTs Functioning as First-Contact Providers*
- Washington D.C. Board of Physical Therapy Examiners 2017
 - *Linking Direct Access with Diagnostic Imaging*

Conference presentations:

- APTA-Sponsored Webinar: Sept - 2019
 - *Direct ordering of Diagnostic Imaging by PTs: Updates from the Field*
- Educational Session: APTA Combined Sections Meeting 2019
 - *Referral for Imaging: Autonomy and Accountability*
- Educational Session: APTA Next Conference 2019
 - *Direct Ordering of Diagnostic Imaging: Updates from the Field*
- Educational Session: APTA Next Conference 2019
 - *Direct Access in a Hospital Setting: Roadmap to Success*
- Educational Session: APTA Next Conference 2017
 - *How to Make Your Residency Program Financially Viable*
- APTA-Sponsored Webinar: 2017
 - *Implementation of Hospital-Based Direct Access Highlighting Direct Ordering of Diagnostic Imaging*

Conference presentations (continued):

- Educational Session: Illinois APTA State Conference 2017
 - *Implementation of Hospital-Based Direct Access – Highlighting Direct Referral for Radiology and Reimbursement*
- Platform Presentation: APTA Combined Sections Meeting 2016
 - *Direct ordering of diagnostic imaging by physical therapists. Now is the time.*
- Educational Session: APTA Next Conference 2015
 - *The Use of Imaging to Guide Care*
- Educational Session: APTA Combined Sections Meeting 2015
 - *Pursuit and Implementation of Hospital-Based Direct Access – Highlighting Direct Referral for Radiology and Reimbursement: An Administrative Case Report*
- Platform Presentation: APTA Combined Sections Meeting 2014
 - *Pursuit and Implementation of Hospital-Based Direct Access – Highlighting Direct Referral for Radiology and Reimbursement: An Administrative Case Report*

Additional presentations:

- Guest Clinical Content Expert - APTA National Headquarters Alexandria, VA 2010
 - *National Tweet Chat on Foot and Ankle Health*
- Guest lecturer – National Pitching Association San Diego, CA 2004
 - *The Biomechanics of the Throwing Athlete*
- Guest lecturer – Sharp Rees-Stealy PT San Diego, CA 2004
 - *Differential Diagnosis of the Foot and Ankle*
- Guest lecturer – San Diego Chapter of the APTA San Diego, CA 2000
 - *Differential Diagnosis of the Foot and Ankle*
- Guest lecturer – California State Univ. Long Beach Long Beach, CA 1998
 - *Clinical Decision Making in the Real World*

PUBLICATIONS / POSTERS:

- Keil A, Baranyi B, Mehta S, Maurer A. Ordering of Diagnostic Imaging by Physical Therapists: A 5-Year Retrospective Practice Analysis. *Phys Ther* 2019; 99 (8): 1020-1026
- McInerney S, Keil A, Kim J “*Cervical Myelopathy Presenting as Bilateral Upper Extremity Weakness*” *JOSPT* 2017 47:9, 691-691
- Keil A, Brown S “*US Hospital-Based Direct Access with Radiology Referral: An Administrative Case Report*” *Physiotherapy Theory and Practice*: 2015;31(8):594-600
- Hazle C, Kirsch N, Keil A, White D “*Diagnostic and Procedural Imaging in Physical Therapist Practice*” May, 2016 APTA White Paper
- Arena A, Girolami G, Alexander A, Keil A, Sainsbury J, Phillips S “*Integrated approaches to physical therapy education: a new comprehensive model from the University of Illinois at Chicago*” *Physiotherapy Theory and Practice*: 2017;33(5)
- Wielechowski A, Keil A. “*Current decision making of physical therapists in the management of patients with foot drop secondary to nerve root compromise due to acute lumbar disc herniation: a survey study*” CSM Poster Presentation 2016
- McInerney S, Keil A. “*Patient and therapist perceptions of physical contact differ significantly and may influence therapeutic alliance*” CSM Platform Presentation 2017
- Babinec C, Baggett K, Keil A. “*Audiovisual Resources for the Instruction of Thoracic and Lumbar Spinal Thrust Joint Manipulation (TJM) Techniques: A Review of Evidence and Current Resources*” CSM Platform Presentation 2017
- Wielechowski A, Keil A, Chen Y, Hamstra-Wright K “*Current decision making of physical therapists in the management of patients with foot drop secondary to nerve root compromise due to acute lumbar disc herniation: a survey study.*” (in revision)

AWARDS / HONORS:

- Delphi Panel Content Expert 2016
 - o Development of National Musculoskeletal Imaging Competency Exam

- Georgetown University Hospital Employee of the Month 2009
 - o May 2009
 - o November 2009

- Elected to APTA House of Delegates: San Diego Chapter APTA 2005

- Employee of the Quarter – Sharp Rees-Stealy 2000

- Class Speaker - CSULB Graduation Ceremonies 1994

- Student Representative APTA House of Delegates 1993-1994

VOLUNTEER / COMMUNITY SERVICE:

- The Compass Church Wheaton, IL 2017 - current
 - o Small group facilitator
 - o Coordinator: Emergency Response Team
 - o Head Usher

- Mission Church Bloomingdale, IL 2015-2016
 - o Small group facilitator

- Hunt Valley Presbyterian Church Hunt Valley, MD 2012-2014
 - o Guest invocator
 - o Small group facilitator
 - o Lay leadership team

VOLUNTEER / COMMUNITY SERVICE (continued):

- Red Cross Chaplain San Diego, CA 2007
 - Disaster Response Team

- San Diego City Council San Diego, CA 2006-2007
 - Guest invocator

- Horizon Christian Fellowship San Diego, CA 2004-2008
 - Young Adult Ministry overseer
 - Pastoral Care intern

- Horizon USA (Disaster Response Team)
 - Hurricane Katrina Relief Efforts Bay St. Louis, MS Oct 2005
 - 911, New York Ground Zero New York, NY Dec 2001

- Hurricane Mitch Relief Efforts Leon, Nicaragua Dec 1998