

Spencer Doty, MBA, CPO

Orthotics & Prosthetics Expert Witness | Board-Certified Prosthetist & Orthotist
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Professional Profile

Board-Certified Prosthetist & Orthotist with more than 20 years of experience in clinical care, program development, and clinical leadership within prosthetics, orthotics, burn scar management, and complex DME services. Former full-time treating clinician who has personally evaluated, treated, and managed care for thousands of orthotic and prosthetic patients across pediatric, adult, and medically complex populations.

Extensive expertise in accepted standards of care, clinical decision-making, device and component selection, and long-term treatment planning. Regularly developed prosthetic and orthotic component recommendations, replacement schedules, and future care projections for patients with progressive, lifelong, or catastrophic conditions, including collaboration with Life Care Planners on orthotic and prosthetic elements of comprehensive Life Care Plans.

Former NCOPE Residency Director with responsibility for the supervision, training, and clinical evaluation of aspiring orthotists and prosthetists, and extensive experience educating clinicians, graduate students, and interdisciplinary care teams on orthotic and prosthetic standards of care.

Recognized for deep expertise in clinical documentation, medical necessity, reimbursement policy, and regulatory compliance. Well-positioned to serve as an expert witness in matters involving standard of care, scope of practice, causation, damages, billing and coding, component selection, future care needs, and clinical operations in orthotics and prosthetics. Maintains current knowledge of accepted standards of care through ongoing clinical practice review, peer-reviewed literature, professional continuing education, national scientific meetings, manufacturer certification programs, payer policy review, and consultation on complex clinical cases. Regularly participates in educational programming focused on emerging prosthetic and orthotic technologies, evidence-based practice, reimbursement policy, documentation standards, regulatory compliance, and interdisciplinary rehabilitation.

Expert Witness Role

Opinions are offered based on professional education, board certification, published standards of care, peer-reviewed literature, and more than two decades of direct clinical experience as a treating orthotist and prosthetist. Expert opinions are independent, case-specific, and rendered without regard to the identity of the

retaining party. Testimony and report preparation are distinct from any advisory or consulting services and are grounded in accepted clinical practice and standards of care.

Areas of Expert Testimony

- Orthotics & Prosthetics standards of care
- Clinical decision-making and medical necessity
- Prosthetic and orthotic design, fitting, and outcomes
- Pediatric orthotics and prosthetics
- Burn scar management and compression therapy
- Documentation, coding, and reimbursement compliance
- DMEPOS regulatory and accreditation standards
- Life Care Planning and future care projections
- Provider supervision, training, and quality assurance
- Causation, damages, and future care needs

Clinical, Teaching & Standards-of-Care Experience

President & Clinical Director / NCOPE Residency Director

Active Life | Western United States | 2004 – 2020

- Served as Clinical Director and lead treating clinician for a multi-state orthotic and prosthetic practice with 12+ clinic locations.
- Personally evaluated, treated, and managed care for thousands of orthotic and prosthetic patients across pediatric, adult, and medically complex populations.
- Specialized clinical programs included pediatrics, cranial remolding, post-mastectomy care, burn scar and compression therapy, and complex lower- and upper-extremity prosthetics.
- Developed prosthetic and orthotic component recommendations, replacement schedules, and long-term treatment plans for patients with lifelong and catastrophic conditions.
- Collaborated with Life Care Planners on orthotic and prosthetic elements of comprehensive Life Care Plans, including future device needs and anticipated functional progression.
- Served as NCOPE Residency Director, responsible for supervision, training, and competency evaluation of aspiring orthotists and prosthetists.
- Established and enforced clinical protocols, documentation standards, and quality-assurance programs aligned with ABC, Medicare, and commercial payer requirements.
- Acted as primary clinical liaison with physicians, surgeons, physical therapists, occupational therapists, and hospital systems.
- Frequently consulted on complex or disputed cases involving medical necessity, device selection, functional outcomes, and adverse patient events.

Teaching & Curriculum Development

**Instructor & Curriculum Developer – Master’s in Orthotics & Prosthetics
Program, Loma Linda University**

- Developed and delivered graduate-level coursework in orthotic and prosthetic evaluation, device selection, standards of care, and clinical documentation.
- Educated and assessed future orthotists and prosthetists on clinical reasoning, ethics, and professional standards.

Education Consultant – Allard USA

- Provided continuing education to physical and occupational therapists on lower-limb orthotics, gait mechanics, patient assessment, and interdisciplinary care.

Executive Leadership & Healthcare Operations Experience

President / Chief Executive Officer

Active Life | Western United States | 2004 – 2020

- Founded and led a multi-state orthotic and prosthetic organization with 12+ clinic locations and approximately 100 employees.
- Oversaw regulatory compliance, accreditation, clinical governance, and risk management across all locations.
- Negotiated and managed payer contracts and reimbursement policies impacting clinical care.
- Led acquisition, integration, and scaling efforts while maintaining consistent clinical standards of care.

Vice President, Payor Relations & Business Development

SuperCare Health | Western United States | 2023 – 2024

- Led payer strategy and provider network governance for large-scale DME and clinical service lines, including orthotics- and prosthetics-adjacent services.
- Interpreted and implemented payer policies governing medical necessity, utilization management, and reimbursement.
- Participated in Joint Operating Committees addressing quality of care, utilization trends, and compliance concerns.
- Gained direct insight into payer-side decision-making impacting patient access to medically necessary devices.

Vice President / Director, West Region

Ottobock Patient Care North America | 2021 – 2022

- Oversaw multi-state orthotic and prosthetic clinic operations with responsibility for clinical quality and compliance.
- Supported post-acquisition integration with emphasis on consistent standards of care and documentation practices.
- Advised executive leadership on clinical risk, adverse events, and regulatory exposure.

Advisory Experience

Principal (Advisory)

ARCLYFT Health Consulting | 2025 – Present

ARCLYFT provides strategic advisory and operational consulting services to DME providers, health plans, provider organizations, and healthcare technology companies. I advise executive teams on growth strategy, operational performance, reimbursement, organizational transformation, and business development across complex healthcare service lines.

Areas of focus include:

- Executive Strategy & Operations: Advise healthcare leaders on multi-site operations, organizational performance, P&L management, process improvement, and post-acquisition integration.
- Payor Strategy & Reimbursement: Support payer contracting, reimbursement strategy, value-based care initiatives, provider network optimization, and contract performance.
- Business Development & Strategic Partnerships: Help organizations strengthen relationships with health systems, medical groups, strategic partners, and referral sources while identifying new growth opportunities.
- Service Line Development: Guide the planning, launch, and expansion of respiratory care, diabetes, sleep, orthotics, prosthetics, and other DME service lines.
- Healthcare Technology & Innovation: Advise on digital health, remote patient monitoring, data analytics, workflow optimization, and technology adoption to improve patient care and operational efficiency.
- Expert Witness & Strategic Advisory: Provide expert witness services and strategic consulting on complex orthotic, prosthetic, and DME matters involving clinical standards, reimbursement, and healthcare operations.

Continuing Education & Professional Development

Maintains board certification through the American Board for Certification (ABC) by completing extensive continuing education in orthotics, prosthetics, rehabilitation medicine, reimbursement, documentation, and healthcare operations. Continuing education includes national scientific meetings, peer-reviewed educational programming, manufacturer certification courses, and evidence-based clinical training that supports current knowledge of evolving standards of care. Continuing education has focused on the following areas:

Prosthetics

- Microprocessor technology and component selection
- Socket design and interface pressure analysis
- Partial foot prosthetic management
- Prosthetic outcomes research and mobility assessment
- Evidence-based component selection and clinical decision making
- Myoelectric prosthetic technology
- Partial hand prosthetics

- Upper extremity rehabilitation
- Osseointegration

Orthotics

- Pediatric orthotic management
- Gait biomechanics
- Custom composite AFOs
- Neuromuscular disorders
- Cranial remolding orthoses
- Upper extremity orthotics

Clinical Documentation, Compliance & Reimbursement

- Medical necessity and documentation standards
- Medicare reimbursement and prior authorization
- Coding, regulatory compliance and outcomes measurement

Professional Leadership & Emerging Practice

- Clinical quality improvement
- Digital healthcare technologies and workflow optimization
- Evidence-based practice
- Practice management

Representative continuing education has been completed through the American Orthotic & Prosthetic Association (AOPA), American Academy of Orthotists & Prosthetists (AAOP), California Orthotic & Prosthetic Association (COPA), American Board for Certification (ABC), Allard USA, Ottobock, Össur, WillowWood, Orthomerica, and other nationally recognized educational organizations.

Education

Master of Business Administration (MBA) – La Sierra University

Bachelor's Degree – Rice University

Certificate in Orthotics – Northwestern University

Certificate in Prosthetics – California State University, Dominguez Hills

Certifications

Board Certified Prosthetist & Orthotist (CPO02845)

American Board for Certification (ABC), 2008 – Present

Board certification has been continuously maintained through completion of all required continuing education and professional competency requirements

established by the American Board for Certification in Orthotics, Prosthetics & Pedorthics (ABC).

Publications & Authorship

Bowen, R.E., Otsuka, N.Y., Doty, S.A. The Child with a Limb Deficiency. Chapter 29. In: Lovell and Winter's Pediatric Orthopaedics, 8th Edition. Wolters Kluwer, Philadelphia, PA.

Representative Continuing Education

The following is a representative summary of continuing education completed to maintain board certification and remain current with evolving standards of care. A complete ABC Continuing Education Activities Report documenting all educational activities is available upon request.

American Academy of Orthotists & Prosthetists (AAOP)

- Upper limb prosthetic innovations and myoelectric outcomes
- Targeted Muscle Reinnervation (TMR) and advanced bionic hands
- Partial hand prosthetics and socket design
- Osseointegration and bone-anchored prosthetic systems
- Lower extremity prosthetic outcomes, knees, feet, and socket design
- Shared decision-making in amputation management
- Pediatric orthotics and arthrogyrosis
- Cranial remolding and spinal orthotic treatment
- Clinical research, quality improvement, and standards of care
- Practice compliance, reimbursement, and accreditation standards

American Orthotic & Prosthetic Association (AOPA)

- National Assembly scientific sessions and technical workshops
- Prosthetic outcomes and evidence-based practice
- Pediatric orthotics and cerebral palsy management
- Osseointegration
- Medical necessity and clinical documentation
- Digital workflows and data collection
- Medicare reimbursement and payer policy
- 3D printing technologies
- Partial foot and lower extremity orthotic management

California Orthotic & Prosthetic Association (COPA)

- O&P Innovation & Technology Symposium
- Artificial intelligence in clinical practice
- Facility accreditation standards

- Advanced upper-limb prosthetics
- Composite AFO technologies
- Osseointegration and user mobility
- Medicare coverage and reimbursement updates

Manufacturer & Specialty Clinical Education

- Ottobock Microprocessor Knee Qualification
- Össur Rheo Knee technology
- Advanced osseointegration systems
- Motion Control upper extremity prosthetics
- Ohio Willow Wood prosthetic systems
- Orthomerica Whole Limb Solutions
- Cranial remolding certification
- Allard gait biomechanics and custom composite AFOs
- Pediatric gait and orthotic management
- Partial foot prosthetic management
- Compression therapy and burn scar management
- Functional electrical stimulation (WalkAide)

Professional Development

- Clinical documentation and medical necessity
- Coding and reimbursement compliance
- Evidence-based practice
- Practice leadership and quality improvement
- Healthcare technology and digital workflows
- Research, education, and interdisciplinary rehabilitation

ABC Continuing Education Summary: More than 680 hours of documented continuing education completed between 2001 and 2026, including 599.13 scientific credits and 81.25 business/professional development credits, satisfying and substantially exceeding the continuing competency requirements for ongoing board certification.