

Bassel Mufarreh, CPO

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• Masters in Orthotics and Prosthetics • Human Physiology • Psychology Minor • BLS Certified •

PROFESSIONAL SUMMARY

Certified Prosthetist-Orthotist (CPO) with clinical experience providing comprehensive prosthetic and orthotic care across a wide range of patient populations. Experienced in patient evaluation, device design, fitting, follow-up care, and interdisciplinary rehabilitation. Clinical practice consists of approximately 60% prosthetics and 40% orthotics. Works with health insurance providers on documentation, appeals and peer to peer meetings. Instructor and developer of an Introduction to Orthotics & Prosthetics course at Gonzaga University.

PROFESSIONAL EXPERIENCE

Evergreen Prosthetics and Orthotics, Certified Prosthetist Orthotist (CPO) January 2023- Present

As a Certified Prosthetist-Orthotist, I provide comprehensive prosthetic and orthotic care, including patient evaluation, treatment planning, device design, fitting, and long-term follow-up. I work closely with physicians, therapists, and interdisciplinary healthcare teams, to help patients achieve their functional goals and maximize mobility with their prosthetic and orthotic systems. I also work extensively with insurance providers to secure medically necessary care, including documentation development, appeals, peer-to-peer discussions, and resolution of coverage denials.

Gonzaga University, Adjunct Professor

Spring 2025 - Present

I developed and teach Introduction to Orthotics and Prosthetics, an undergraduate course for Human Physiology majors at Gonzaga University. I designed the curriculum and course materials to provide students with a foundational understanding of the orthotics and prosthetics profession, including patient evaluation, biomechanics, device design, fabrication processes and emerging technologies. Through lectures, demonstrations, and hands-on learning experiences, I introduce students to the clinical and technical aspects of O&P.

EDUCATION & RESEARCH

Gonzaga University, Spokane, WA

Fall 2016 - Summer 2020

Human Physiology Major, Psychology Minor; 3.37/4.0

Loma Linda University, Loma Linda, CA

Fall 2020 – Winter 2022

Masters of Orthotics and Prosthetics; 3.91/4.0

Research:

1-2 kg Increase in a Transtibial Prosthesis and its Effect on Gait Mechanics

We tested the gait mechanics of 10 transtibial amputees through single-blind trials, after a distal weight addition. This study aims to understand the importance of the distal components in a transtibial prosthesis.

Ground Reaction Forces and Temporal Characteristics Define Cutting

Ten athletes and ten non-athletes performed moderate angle cuts (60 deg) upon a force- plate. The data we collected helps quantify what a good cut is, kinetically and kinematically.

Magnetically Repulsed Hip Joint Replacements

I assisted a team of engineers with the design of a magnetically repulsed hip joint replacement. The designs were tested using the finite element analysis (FEA) software in ANSYS Workbench.
