

# Case Study: Prothotics Corporation

**Business:**  
Orthotic Inserts

**Challenge:**  
Too many variables to consider. Orthotics  
unaided by the computer are entirely subjective

**Solution:**  
Used simulation to study kinematic and kinetic  
effects of an orthotic device

**Value:**  
Visualized the effects of various orthotic insert  
designs to find the best for each patient

***“This approach has the ability to  
revolutionize the way we treat lower-limb  
pain, disability, and rehabilitation. We’ve  
already used the software to help hundreds of  
patients, and have plans to expand operations  
to clinics in other cities.”***

-- Brent Konantz, President, Prothotics



Biomechanics  
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