

**INTRODUCTION:** Over the past 18 years, military medicine made great strides in the management of traumatically injured patients. Significant advancements were made in the treatment and rehabilitation after limb trauma. These advancements can be attributed to the large number of patients presenting to military treatment facilities with complex injuries and multiple traumatic amputations. The concern now is to maintain the clinical skills needed for the next conflict. To meet this need, the Extremity Trauma and Amputation Center of Excellence initiated the documentation of knowledge, skills and abilities (KSAs) to ensure the skill set needed to treat this unique population is not lost. The development of learning objectives derived from those KSAs will drive curricula development for enduring education. The goal of this project is a program of education to sustain advanced physical therapy competencies in amputation care. **METHODS:** Using a pseudo-Delphi method, a group of six clinical subject matter experts (SMEs) convened from within the DOD Advanced Rehabilitation Centers to draft the initial KSAs. All experts had specific expertise in treating individuals with highly complex lower and upper limb amputation injuries. The KSAs underwent five cycles of review and comment by over fifteen experts in clinical practice, education and research. The document describes the terminal learning objectives expected of an advanced practice physical therapist treating patients with traumatic limb loss. Weaknesses of this document include the focus on traumatic amputation and military specific needs, although many of the central advanced practices are universal to all amputation. This document is a platform for future inclusion of other etiologies. **CONCLUSION:** To our knowledge, these advanced practice KSAs are unique. This work forms the framework for future curricula development for use in training advanced practice physical therapists.