

Introduction

- Severe peripheral artery disease (PAD) can lead to major leg amputation, a life-altering event for patients and their caregivers
- Longitudinal patient and caregiver experiences are not well understood
- Objective: investigate patient-reported outcomes after major amputation in people with PAD and their caregivers throughout the first year post-amputation**

Methods

- Patients who underwent lower extremity major amputation beginning in September 2024 and their primary caregivers completed surveys at five discrete timepoints
- Surveys comprised of:
 - Clinical and demographic variables
 - PROMIS short form physical function (PF) measure (patients)
 - Zarit caregiver burden (caregivers)

Results

Table 1a. Patient characteristics. N=34, (%)

Mean age (± SEM)	65.5 ± 2.3
Female sex	18 (52.9)
Race	
Caucasian	12 (35.3)
Black or African American	18 (52.9)
Level of education	
Some college or less	21 (61.8)
College degree or higher	12 (35.3)
Annual household income	
<\$50,000	11 (32.4)
>\$50,000	11 (32.4)

Figure 1. PROMIS PF patient results

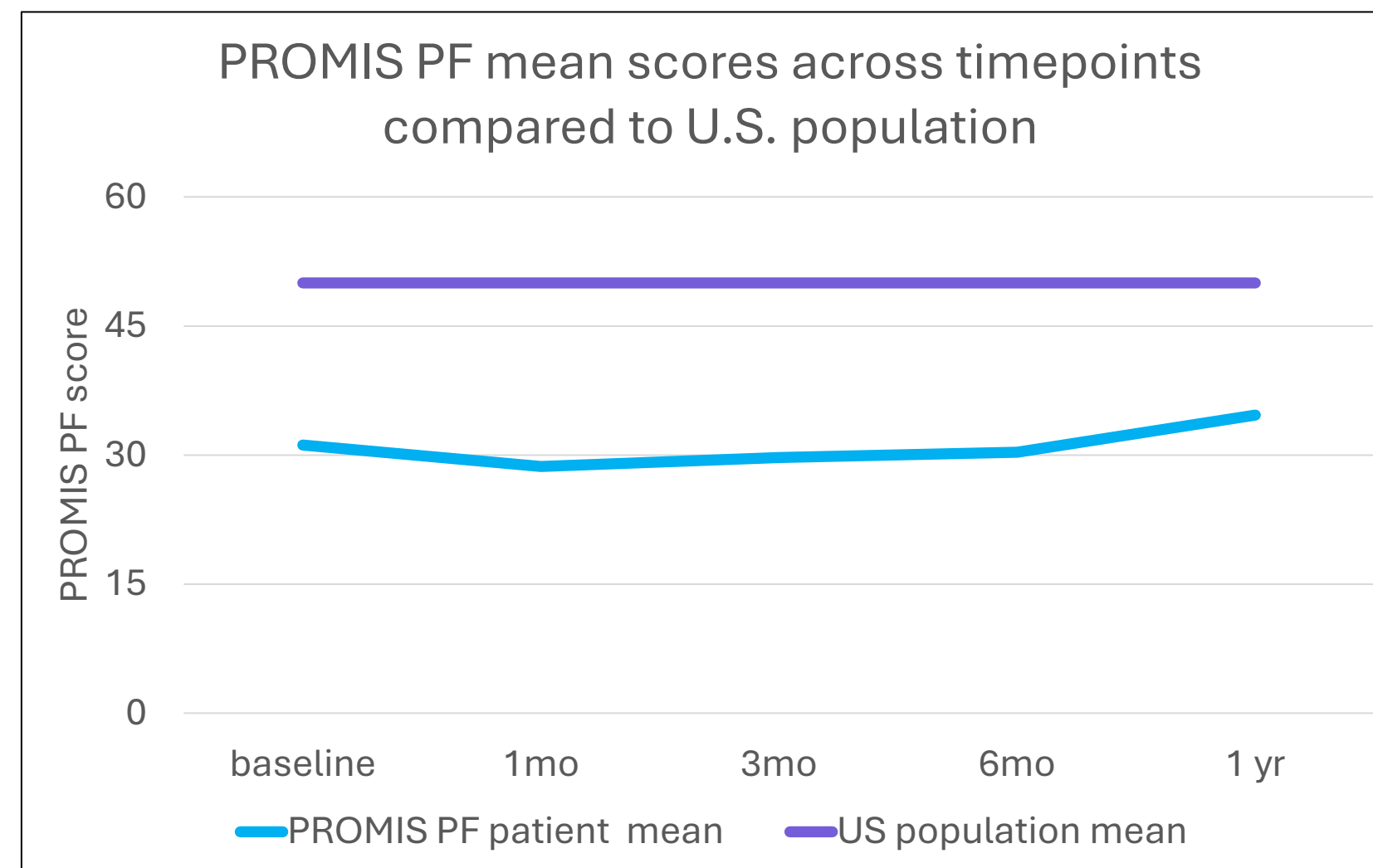
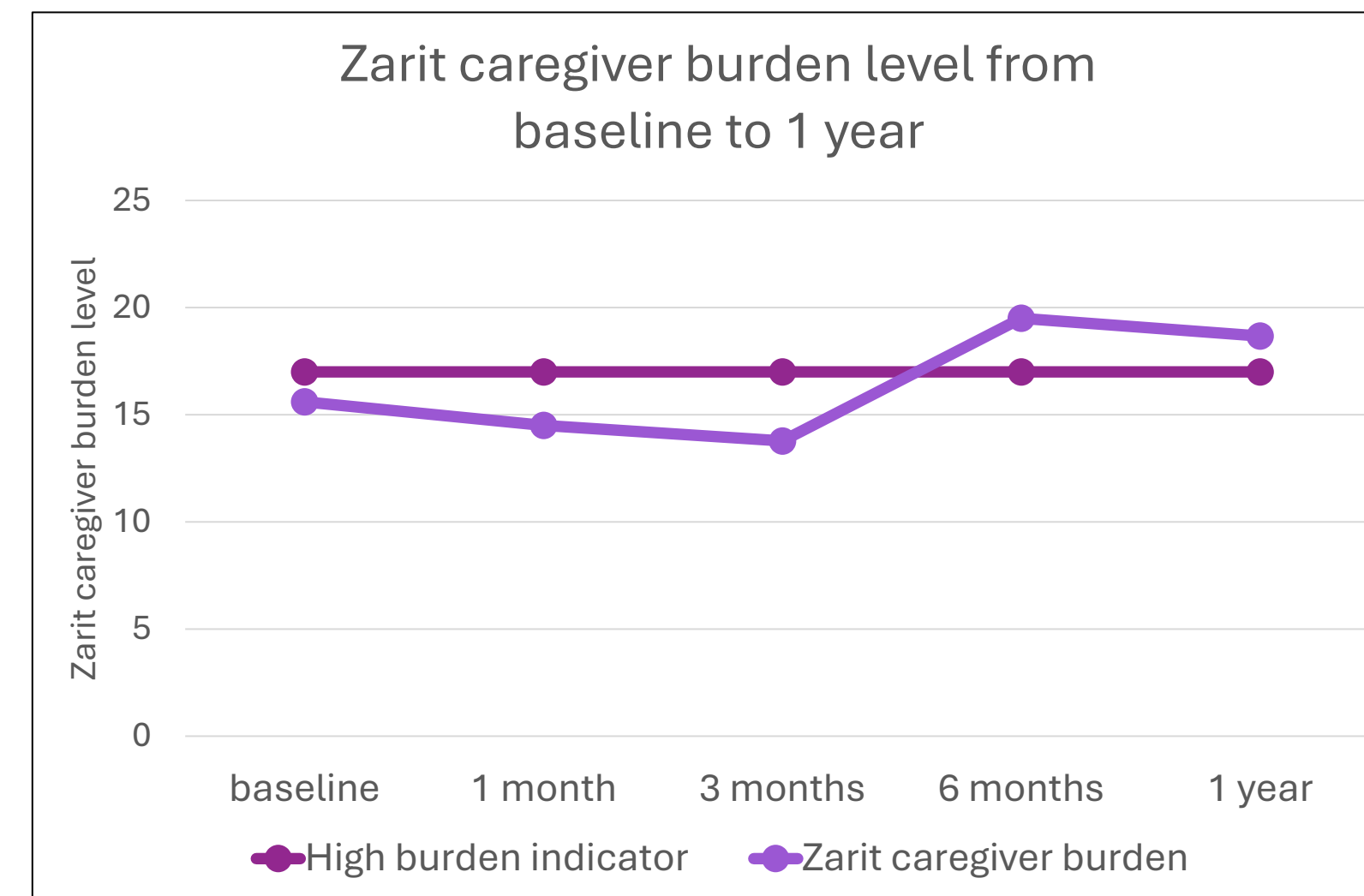


Table 1b. Caregiver characteristics. N=27, (%)

Mean age (± SEM)	60.1 ± 2.5
Female sex	18 (66.7)
Race	
Caucasian	7 (25.9)
Black or African American	16 (59.3)
Level of education	
Some college or less	15 (55.6)
College degree or higher	11 (40.7)
Length of caregiving	
<6 months	5 (18.5)
>6 months	22 (81.4)
Primary caregiver to others	12 (44.4)

Figure 2. Zarit caregiver burden results



Conclusions

Pilot analysis findings show **lack of significant improvement in patient- and caregiver-reported outcomes over 1 year**

Limitations

- Small sample size
- Pilot analysis

Future directions

- Future work will focus on completing enrollment, understanding findings in quantitative and qualitative detail, and identifying interventions to better support patients and caregivers



- 34 patient participants (**Table 1a**) and 27 caregiver participants (**Table 1b**) completed at least 1 survey
- PROMIS PF scores were 2 SDs below the general population and did not significantly change across timepoints (**Figure 1**)
- Zarit caregiver burden mean scores increased after 6 months (**Figure 2**)