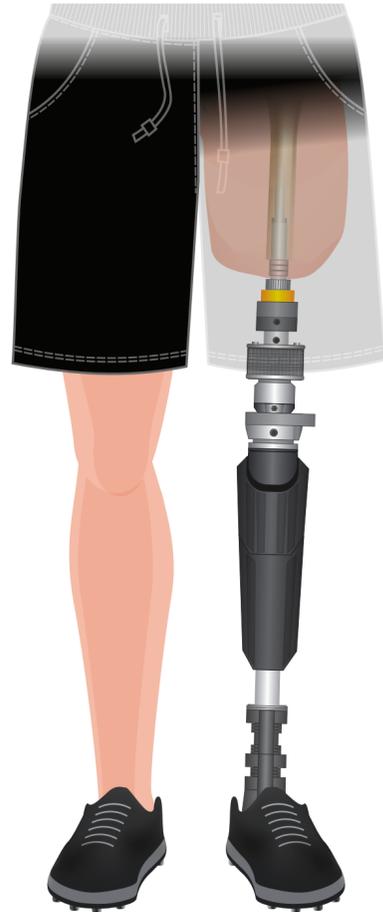
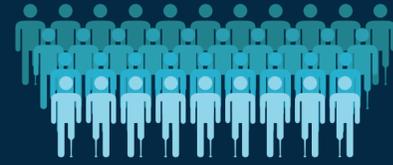


# Five-Year Assessment of Bone-Anchored Prosthesis in Individuals with Transfemoral Amputation

The use of a bone-anchored prosthesis (BAP) has been an alternative solution to conventional prosthetic socket technology for three decades



However, long-term outcomes related to safety, prosthesis-wearing time, and health-related quality of life (HRQoL) with BAP remains unknown



39 patients who received BAP

5-year follow-up

- Safety outcomes
- Patient-completed Questionnaire for Persons with a Transfemoral Amputation (Q-TFA)

Wearing time: Prosthetic use score  
HRQoL: Global score



## Safety outcomes

Infection (30 patients)

156 Infection events



Septic loosening (0 patients)

Intramedullary stem breakage (2 patients)



Soft-tissue refashioning (14 patients)



## Q-TFA scores



Prosthetic use score (n = 34)



Global score (n = 33)

Preoperative

71

33

Postoperative

100

75



**Despite adverse events, bone-anchored prosthesis significantly improved patient prosthetic use and HRQoL after transfemoral amputation**

Safety and Performance of Bone-Anchored Prostheses in Persons with a Transfemoral Amputation: A 5-Year Follow-up Study

Reetz et al. (2020) | DOI: 10.2106/JBJS.19.01169

www.jbjs.org

theJBJS

@JBJS

