

Table S1. Characteristics of the matched population (n=90)

| | Rehabilitation with TP (n=45) | Rehabilitation without TP (n=45) | <i>p</i> -Value ^a |
|---|-------------------------------------|--|------------------------------|
| Sex (men) | 32 (71.1) | 32 (71.1) | 1 |
| Age (years) | 64 (55-70) | 62 (55.5-70.5) | 0.67 |
| BMI (kg/m²) | 23.4 (20.6-29.7) | 26.5 (20.9-31.4) | 0.22 |
| Vascular etiology (yes) | 2 (4.44) | 5 (11.1) | 0.43 ^b |
| Site of amputation | | | 0.23 |
| Unilateral above-knee amputation (yes) | 24 (53.3) | 16 (35.5) | |
| Unilateral below-knee amputation (yes) | 20 (44.4) | 27 (60.0) | |
| Bilateral (yes) | 1 (2.22) | 2 (4.44) | |
| Time between amputation and entrance into the rehabilitation center (days) | 17 (11-27) | 20 (14-28) | 0.20 |

TP: Training Prothesis; BMI: Body Mass Index

Qualitative variables are expressed in absolute (n) and relative (%) frequencies; quantitative variables are expressed in median and interquartile range (P25-P75)

^ap-values obtained from the Mann-Whitney U test for continuous variables and the X² test for categorical variables

^b p-value obtained from the exact Fisher test

Table S2. Outcomes associated with rehabilitation with or without TP in matched population (n=90)

| | n | Rehabilitation with TP | Rehabilitation without TP | <i>p</i> -Value ^a |
|---|----|---------------------------|------------------------------|------------------------------|
| Orientation at discharge | 90 | | | 0.33 |
| Back to home | | 38 (84.4) | 41 (91.1) | |
| To nursing facilities | | 7 (15.5) | 4 (8.89) | |
| Length of stay in rehabilitation center (days) | 88 | 70 (54-92) | 99 (80-154) | <0.001 |
| Number of sockets required | 86 | | | 0.049 |
| 1 socket | | | | |

| | | | | |
|--|----|-----------|-----------|------|
| 2 sockets | | 42 (97.7) | 37 (86.1) | |
| Interventions for size adaptation of the first socket of EP | | 1 (2.32) | 6 (13.9) | |
| | 86 | 1 (0-2) | 0 (0-1) | 0.38 |
| Functional group | 71 | | | 0.78 |
| Group 0 | | 10 (24.4) | 4 (13.3) | |
| Group 2 | | 2 (4.88) | 1 (3.33) | |
| Group 3 | | 18 (43.9) | 16 (53.3) | |
| Group 4 | | 5 (12.2) | 5 (16.7) | |
| Group 5 | | 6 (14.6) | 4 (13.3) | |

TP: Training Prothesis; EP: Evaluation prothesis

Qualitative variables are expressed in absolute (n) and relative (%) frequencies; quantitative variables are expressed in median and interquartile range (P25-P75)

^ap-values obtained from the Mann-Whitney U test for continuous variables and the χ^2 test for categorial variables