

Table 3.

Postoperative outcomes associated with rehabilitation in different types of TTA dressing and management strategies from controlled or comparative studies.

| Outcomes | Number in Study | Soft Dressings | Thigh-Level Rigid Cast | Thigh-Level Rigid with IPOP | Short Removable Rigid Cast | Prefabricated Pneumatic IPOP | Reference |
|---|------------------------|-----------------------|-------------------------------|------------------------------------|-----------------------------------|-------------------------------------|------------------------|
| Use of Prosthesis | 27 | 12 (85.7%) | 10 (76.9%) | - | - | - | Nicholas & DeMuth [45] |
| | 52 | 4 (22%) | - | 19 (56%) | - | - | Kane & Pollak [48] |
| | 182 | 45 (59%) | 34 (65%) | 40 (74%) | - | - | Mooney et al. [12] |
| | 48 | 31 (79.8%) | - | 8 (83%) | - | - | Cohen et al. [46] |
| Time to Initial Rehabilitation (days) | 51 | 35.5 | 29.6* | - | - | - | Baker et al. [30] |
| Weeks to Permanent Prosthesis or Final Ambulation | 49 | 27.0 | - | - | 14.6 | - | Wu et al. [18] |
| | 100 | - | 17.8 | 4.6 | - | - | Moore et al. [17] |
| | 182 | 40.0 | 32.0 | 34.0 | - | - | Mooney et al. [12] |
| | 42 | 13.6 | - | - | - | 20.4 | Schon et al. [20] |
| Number of Falls | 42 | 11 ± 0.18 | - | - | - | 34 ± 0.42 | Schon et al. [20] |
| Length of Stay (days) | 27 | 34.0 | 35.0 | - | - | - | Nicholas & DeMuth [45] |
| | 52 | 25.0 | - | 34.0 | - | - | Kane & Pollak [48] |
| | 51 | 22.3 | 22.6 | - | - | - | Baker et al. [30] |
| Rehabilitation Failure | 52 | 5 (28%) | - | 4 (12%) | - | - | Kane & Pollak [48] |
| | 51 | 4 (17%) | 4 (15%) | - | - | - | Baker et al. [30] |
| | 48 | 1 (2.7%) | - | 7 (78%) | - | - | Cohen et al. [46] |
| | 70 | 7 (20%) | 3 (8.6%) | - | - | - | Barber et al. [47] |
| Mortality (%) | 182 | 8.0 | 5.0 | 6.0 | - | - | Mooney et al. [12] |
| | 100 | - | 8.0 | 0.0 | - | - | Moore et al. [17] |
| | 48 | 2.7 | - | 0.0 | - | - | Cohen et al. [46] |
| | 52 | 11.0 | - | 12.0 | - | - | Kane & Pollak [48] |
| | 70 | 5.7 | 8.6 | - | - | - | Barber et al. [47] |

* $p < 0.05$

Four of the seven caused by blistering secondary to incorrect technique (hot plaster).