Table 4, Chapter 37. Studies reporting 30-day readmissions

| **Author, Year** | **Study Design** | **Bridging Intervention (Y/N)** | **Total number of interventions** | **30-day readmission rate - control group** | **30-day readmission rate - intervention group** | **ARR - 30-day readmissions** | **30-day ED visits - control group** | **30-day ED visits - intervention group** | **ARR - 30-day ED visits** | **Statistically significant ARR (for either readmits or ED visits)** | **Comment** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Al-Rashed et al, 20022 | CCT | Y | 2 | 29.5%\* | 11.1%\* | 18.4% |  |  |  | Y | \*Outcomes measured at 15-22 days post-discharge |
| Balaban et al, 20083 | RCT | Y | 5 | 8.2% | 8.5% | -0.3% | 2.0% | 2.1% | -0.1% | N |  |
| Coleman et al, 20046 | CCT | Y | 5 | 13.8% | 8.9% | 4.9% | 14.2% | 11.0% | 3.2% | Y | Significant difference for readmissions, but not ED visits |
| Coleman et al, 20067 | RCT | Y | 6 | 11.9% | 8.3% | 3.6% |  |  |  | Y | teⴀkkappears only in graphical format; p<0.05 for comparison with control for |
| Courtney et al, 20098 | RCT | Y | 6 | ~15%, only in graphics | ~5%, only in graphics |  |  |  |  | Y | Data presented only in graphical format; significant improvement for ED visits |
| Dellasega and Zerbe, 200010 | RCT | Y | 2 | NR | NR |  |  |  |  | N | Exact rates not supplied |
| Einstadler et al, 199611 | CCT | Y | 3 | 14.4% | 19.8% | -5.4% | 19.2% | 21.8% | -2.6% | N |  |
| Forster et al, 200512 | RCT | Y | 4 | 13.0% | 19.4% | -6.4% | 7.8% | 9.6% | -1.8% | N |  |
| Gow et al, 199915 | CCT | N | 1 | 15.2% | 16.7% | -1.5% |  |  |  | N |  |
| Jack et al, 200919 | RCT | Y | 8 | 20.7% | 14.9% | 5.8% | 24.5% | 16.5% | 8.0% | Y | Significant difference for ED visits only |
| Koehler et al, 200920 | RCT | Y | 7 | 38.1%† | 10.0%† | -28.1% |  |  |  | Y | †Composite outcome of ED visits and readmissionsie⼀CCTControl㄀Intervention㈀General Medical㌀Mixed㐀 |
| Lipton and Bird, 199421 | RCT | Y | 5 | 11.2% | 15.4% | -4.2% |  |  |  | N |  |
| Palmer et al, 200230 | CCT | N | 2 | 5.8% | 5.5% | 0.3% |  |  |  | N |  |
| Parry et al, 200931 | RCT | Y | 8 | 16.7% | 6.8% | 9.9% |  |  |  | N |  |
| Schnipper et al, 200633 | RCT | Y | 6 | 30%‡ | 30%‡ | 0% |  |  |  | N | ‡Composite outcome of total ED visits and readmissions |
| Steeman et al, 200637 | CCT | N | 3 | 5.1%§ | 2.8%§ | 2.3% |  |  |  | N | §Outcomes measured at 14 days post discharge |
| Voss, 201141 | CCT | Y | 6 | 18.6% | 12.8% | 5.8% |  |  |  | Y |  |
| Walker et al, 200942 | CCT | Y | 7 | 18.0% | 22.1% | -4.1% | 12.3% | 9.5% | 2.8% | N |  |