| **Intervention category** | **Study** | **Age range (mean age)** | **Outcome** | **Followup (m)** | **Intervention group** | **Control group** | **P-value** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Cognitive behavioral therapy | Brown 2005126,168,169 | 18-66 (35) | % of participants with suicidal ideation as measured by the SSI | BL | 65.0 | 65.0 | NR |
| 1 | 44.4 | 46.4 | 0.99 |
| 3 | 38.5 | 44.4 | 0.66 |
| 6 | 24.0 | 30.8 | 0.49 |
| 12 | 20.4 | 24.5 | 0.63 |
| 18 | 15.6 | 22.5 | 0.41 |
| Marasinghe 2012142 | 15-74 (31) | BSI, mean (SD) | BL | 26.1 | 21.8 | <0.05\* |
| 6 | 3.6 | 7.6 | <0.05\* |
| 12 | 3.6 | 3.8 | NSD |
| Rudd 1996144 | “Young adult” (22) | MSSI, mean (SD) | BL | 23.0 (9.9) | 22.9 (10.5) | NR |
| 1 | 5.6 (9.6) | 4.7 (8.6) | NSD |
| Samaraweera 2007105 | 15-64 (36) | BSI, mean (SD) | BL | 11.2 (9.7) | 14.5 (9.2) | 0.62 |
| 2 | 0.2 (0.5) | 12.5 (6.2) | 0.003 |
| 3 | 0.2 (0.5) | 12.3 (5.9) | 0.002 |
| Problem-solving therapy | Bannan 2012109 | 18-53 (29) | BSS, mean (SD) | BL | 12.1 (6.3) | 15.8 (8.8) | NSD\* |
| 2 | 5.8 (8.3) | 12.6 (9.0) | NR |
| 4 | 1.3 (3.0) | 11.0 (10.2) | NR |
| Fitzpatrick 2005106 | 18-24 (19) | BSS, mean (SD) | BL | 13.0 (4.4) | 12.8 (5.3) | <0.05\* |
| Posttest | 10.4 (5.3) | 10.7 (7.6) |
| 0.25 | 8.0 (6.1) | 9.1 (6.8) |
| 0.5 | 8.9 (7.7) | 9.6 (7.4) |
| 1 | 8.2 (8.4) | 9.5 (8.0) |
| Hatcher 2011107 | ≥16 (34) | BSI, mean (SD) | BL | 11.3 (9.2) | 10.9 (9.9) | NR |
| 3 | 3.7 (6.8) | 7.1 (8.6) | <0.01 |
| 12 | 3.7 (6.7) | 4.8 (7.4) | 0.02 |
| Dialectical behavior therapy | Linehan 1991140 | 18-45 (NR) | SSI-Schotte, mean (SD) | 12 | NR | NR | NSD\* |
| Linehan 2006141,175,176 | 18-45 (29) | SBQ, mean (SD) | BL | 51.7 (20.3) | 59.9 (21.6) | 0.31\* |
| 12 | 29.8 (24.5) | 32.8 (26.3) |
| 24 | 24.1 (19.8) | 31.9 (26.8) |
| Psychodynamic or interpersonal therapy | Guthrie 2001135,179 | 18-65 (31) | SSI, mean (SD) | BL | 15.9 (9.9) | 14.3 (10.8) | 0.027 |
| 1 | 10.3 (8.6) | 12.4 (9.9) | 0.22 |
| 6 | 7.9 (8.6) | 12.8 (10.4) | 0.005 |
| Other therapy, with direct therapeutic contact | Comtois 2011131 | 19-62 (37) | SSI, mean (SD) | BL | 24 (NR) | 23 (NR) | NR |
| 2 | 8 (NR) | 13 (NR) | NR |
| 4 | 6 (NR) | 11 (NR) | NR |
| 6 | 8 (NR) | 8 (NR) | NR |
| 12 | 2 (NR) | 11 (NR) | NR† |
| Other therapy, without direct therapeutic contact | Kovac 2002138 | 18-42 (23) | ASIQ, mean (SD) | BL | 28.9 (20.5) | 28.0 (16.6) | NSD\* |
| Posttest | 24.7 (17.7) | 26.4 (15.4) |
| 1.5 | 28.2 (21.2) | 23.7 (14.8) |
| Practice-based interventions | Hassanian 2011136 | ≥12 (24) | % of participants answering “yes” to: “Did you have any suicidal thoughts during the study period?” | 12 | 29 | 41.7 | <0.05 |
| Improving treatment adherence with direct person-to-person contact | Cedereke 2002129 | NR (41) | SSI, mean (SD) | BL | NR | NR | NR |
| 1 | 7.9 (8.4) | 5.0 (6.8) | <0.10 |
| 12 | 5.8 (7.8) | 4.0 (6.2) | <0.05 |
| Currier 2010133 | 18-69 (33) | SSI, mean (SD) | BL | 9.8 (7.3) | 9.8 (8.3) | NR |
| 0.5 | 3.7 (6.2) | 3.8 (6.5) | NR |
| 3 | 3.9 (6.9) | 3.1 (5.9) | 0.74 |
| Improving treatment adherence without direct person-to-person contact | Bruce 2004114,181-187 | 60-94 (70) | % of participants with suicidal ideation as measured by the HRSD | BL | 29.4 | 20.1 | 0.01 |
| 4 | 16.5 | 17.1 | 0.01 |
| 8 | 17.2 | 18.6 | 0.003 |
| 12 | 14.6 | 13.4 | 0.12 |
| 18 | 12.5 | 9.9 | 0.43 |
| 24 | 11.4 | 12.2 | 0.11 |

\*Group by time interaction.

†Significant difference between groups, p-value NR.

**Abbreviations:** ASIQ = Adult Suicidal Ideation Questionnaire; BL = baseline; BSI = Beck Suicide Ideation Scale; BSS = Beck Suicide Scale; HRSD = Hamilton Psychiatric Rating Scale for Depression; MSSI = Modified Scale for Suicidal Ideation; NR = not reported; NSD = no significant difference; SBQ = Suicide Behavior Questionnaire; SD = standard deviation; SSI = Scale for Suicidal Ideation.