**Baseline characteristics of the sample**

|  |  |  |
| --- | --- | --- |
|  | CBT (n=36) | TCBT (n=36) |
| Male, n (%) | 19 (53%) | 20 (56%) |
| Age in years, median (range) | 14.50 (11-18) | 14.00 (11-18) |
| CY-BOCS score, mean (s.d.) | 24.61 (4.10) | 25.14 (4.02) |
| EQ-5D visual analogue scale score, mean (s.d.) | 7.52 (1.45) | 7.85 (1.63) |
| EQ-5D utilities score, mean (s.d.) | 0.76 (0.15) | 0.80 (0.27) |
| Cost (£) per week, mean (s.d.) | 48 (101) | 25 (38) |

**Service utilisation by participants with full economic data between baseline and 12-month post-treatment follow-up**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | CBT  (n=21) |  | TCBT  (n=22) |  |
| Service (Unit) | Mean (s.d.) | % using service | Mean (s.d.) | % using service |
| Intervention sessions | 12.3 (2.7); n=36 | 100 | 12.8 (2.5); n=36 | 100 |
| Hospital services |  |  |  |  |
| Inpatient nights | 0.3 (0.9) | 10 | 0.0 (0.0) | 0 |
| Outpatient contacts | 2.8 (5.6) | 38 | 2.2 (5.5) | 32 |
| A&E contacts | 0.3 (0.8) | 14 | 0.2 (0.4) | 14 |
| Community health and social service contacts | |  |  |  |
| General practitioner | 3.4 (4.2) | 81 | 1.7 (2.2) | 68 |
| Practice nurse | 0.8 (1.4) | 38 | 0.4 (0.7) | 23 |
| Clinical psychologist | 1.5 (2.8) | 24 | 0.3 (0.7) | 23 |
| Community psychiatric nurse | 0.1 (0.5) | 10 | 0.0 (0.0) | 0 |
| Paediatrician | 0.0 (0.2) | 5 | 0.0 (0.0) | 0 |
| Occupational therapist | 0.3 (1.3) | 5 | 0.1 (0.2) | 5 |
| Physiotherapist | 0.1 (0.4) | 10 | 0.3 (0.9) | 14 |
| Educational psychologist | 0.2 (0.5) | 5 | 0.2 (0.7) | 13 |
| Education welfare officer | 0.1 (0.4) | 5 | 0.0 (0.0) | 0 |
| Social worker | 0.0 (0.2) | 5 | 0.0 (0.0) | 0 |

**Sensitivity analyses in total cost per participant (£)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | CBT  (n= 36) | TCBT  (n=36) |  |  |
|  | Mean £ (s.d.) | Mean £ (s.d.) | Mean difference  (95% CI) | p-value |
| Primary analysis | 2965 (1548) | 2475 (1024) | 490 (-127 to 1107) | 0.118 |
| Complete case\* | 2677 (1133) | 2135 (1110) | 542 (-149 to 1233) | 0.121 |
| NHS/social services perspective | 2396 (1198) | 1975 (686) | 421 (-38 to 880) | 0.072 |
| TCBT cost reduced by 10% | 2965 (1548) | 2334 (1014) | 631 (16 to 1247) | 0.044 |

\*n=21 face-to-face CBT; n=22 TCBT