**Supplementary Table 1.** Psychometric Properties of the Quantitative Measures Used in this Study (Where Available)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | | | | | |
| Questionnaire used | Number of items | Scoring information | Score range (where relevant) | Internal consistency (Cronbach’s alpha coefficient) | Test-retest reliability | |
| Voice hearing questionnaire (Anilmis et al, 2015) | 4 | Questions 1-3 scored 0, 1 or 2 (‘not true’, ‘somewhat true’ or ‘certainly true’  Question 4 scored 0 or 1 (yes or no) | Questions 1-3 coded 0= no, 1 or 2= yes | NA | NA | |
| MFQ-SI (Hammerton et al, 2014) | 4 | 0, 1, 2 or 3 (‘never’ to ‘always’) | 0-12 for total; 0-3 for individual items | .87- .91 for child self-report (Hammerton et al, 2014) | NA | |
| Treatment credibility measure (Ehlers et al, 2003) | 4 | 1-10, ( ‘definitely do not agree’ to ‘definitely agree’) | 1-10 for individual items | NA | NA | |
| WAI-S (Tracey & Kokotovic, 1989) | 12 | 1-7, (‘never’ to ‘always’) | 1-7 for individual items | NA | NA | |
| Children’s PTSD Inventory (CPTSD-I) (Saigh et al, 2000) | 25 | ‘yes’ or ‘no’ | Not applicable | .95 for diagnosis (Strand, 2005) | 97.6% agreement for diagnosis (Yasik et al, 2001) | |
| CRIES-13 (Perrin et al, 2005) | 13 | 0, 1, 3 or 5 (‘not at all’ to ‘often’) | 0-65 (total score) | .89 (total score; Giannopoulou et al, 2006) | .85 (total score; Verlinden et al, 2014) | |
| CRIES-8 (Perrin et al, 2005) | 8 | 0, 1, 3 or 5 (‘not at all’ to ‘often’) | 0-40 (total score) | .86 (total score; Verlinden et al, 2014) | .78 (total score; Verlinden et al, 2014) | |
| Child PTSD Symptom Scale (CPSS; Foa et al, 2001) | 17 + 6 | Symptom items: 0, 1, 2 or 3, (‘not at all or only one time’ to ‘5 or more times a week/ almost always’); Impairment items: yes (1) or no (0) | 0-51 (symptom total); 0-6 for impairment | .89 for symptom severity scale (Strand, 2005) | .84 for symptom severity scale (Strand, 2005) | |
| Difficulties in Emotion Regulation Scale: child version (Gratz & Roemer, 2004 | 36 | 1-5 (‘almost never (0-10%)’ to ‘almost always (91-100%)’) | 5-25 (goal-directed; emotional clarity); 6-30 (nonacceptance; impulse control; emotional awareness); 8-40 (emotion regulation) | .93 (total score); >.80 (each subscale) | ρ*I* = .88 for total score ρ*I* *s;* = .57- .89 for subscales | |
| Interviewer scored Children’s Global Assessment Scale (CGAS; Shaffer et al, 1983) | 1 | 1-100 (‘extremely impaired’ to ‘doing very well’) | 1-100 | NA | NA | |
| Child administered Revised Child Anxiety and Depression Scale (RCADS-c; Chorpita et al 2005). | 47 | 0, 1, 2 or 3 (‘never’ to ‘always’) | 0-27 (social phobia; panic disorder); 0-30 (depression); 0-21 (separation anxiety); 0-18 (generalized anxiety; obsessions & compulsions) | .79-.88 (de Ross et al, 2002) | .66-.90 (de Ross et al, 2002) | |
| Trauma Memory Quality Questionnaire (TMQQ; Meiser-Stedman et al, 2007) | 11 | 1-4 (‘disagree a lot’ to ‘agree a lot’) | 4-44 (total score) | .82 | NA | |
| Multidimensional Scale of Perceived Social Support (MSPSS; Zimet et al, 1988) | 12 | 1-7 (‘very strongly disagree’ to ‘very strongly agree’) | 7-84 (total score) | .88 (total score) | .85 (total score) | |
| Self-blame (Meiser-Stedman et al, 2017) | 2 | 1-4 (‘disagree a lot’ to ‘agree a lot’) | 2-8 (total score) | .94 | NA | |
| Trauma-related rumination (Meiser-Stedman et al, 2017) | 3 | 1-4 (‘disagree a lot’ to ‘agree a lot’) | 3-12 (total score) | NA | NA | |
| Thought suppression (Meiser-Stedman et al, 2017) | 5 | 1-4 (‘disagree a lot’ to ‘agree a lot’) | 5-20 (total score) | NA | NA | |
| Children’s Posttraumatic Cognitions Inventory (CPTCI; Meiser-Stedman et al, 2009) | 25 | 1-4 (‘don’t agree at all’ to ‘agree a lot’) | 25-100 | .93 and .88 (two sub-scales) | .78 and .72 (two-subscales) | |
| Child safety behaviour scale (CSBS; Alberici et al, 2018). | 22 | 0-3 (‘never’ to ‘always’) | 0-66 (total score) | = .90 | .64 | |

*Note.* NA=Not available.

Supplementary Table 2. PTSD diagnostic outcomes

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Alternative algorithm | | | DSM-IV PTSD | | |
| Case | Pre | Post | 6MFU | Pre | Post | 6MFU |
| 1 | yes | no | yes | yes | no | no |
| 2 | yes | no | no | yes | no | no |
| 3 | yes | no | no | yes | no | no |
| 4 | yes | yes | no | yes | yes | no |
| 5 | yes | yes | no | yes | no | no |
| 6 | yes | no | missing | yes | no | missing |
| 7 | yes | no | no | yes | no | no |
| 8 | yes | no | no | yes | no | no |
| 9 | yes | no | missing | yes | no | missing |
| N (%) | 9 (100%) | 2 (22.2%) | 1 (14.3%) | 9 (100%) | 1 (11.1%) | 0 (0.0%) |

Supplementary Table 3. Evaluation of reliable improvement on CRIES-8 and RCADS subscales

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CRIES-8 reliable improvement | | Social phobia (RCADS) reliable improvement | | Major depressive disorder (RCADS) reliable improvement | | Generalised anxiety (RCADS) reliable improvement | | Obsessions and compulsions (RACDS) reliable improvement | | Panic disorder (RCADS) reliable improvement | | Separation anxiety (RCADS) reliable improvement | |
| Case | Pre-post | Pre-6MFU | Pre-post | Pre-6MFU | Pre-post | Pre-6MFU | Pre-post | Pre-6MFU | Pre-post | Pre-6MFU | Pre-post | Pre-6MFU | Pre-post | Pre-6MFU |
| 1 | yes | no | yes | no | yes | no | no | no | yes | no | no | deterioration\* | no | no |
| 2 | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes |
| 3 | yes | yes | no | no | no | no | yes | no | yes | no | yes | yes | no | yes |
| 4 | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | yes | no | no |
| 5 | yes | yes | yes | yes | yes | yes | yes | yes | yes | no | no | yes | yes | yes |
| 6 | yes | missing | no | missing | no | missing | no | missing | yes | missing | no | missing | no | missing |
| 7 | yes | yes | yes | no | yes | no | yes | no | yes | yes | no | yes | no | no |
| 8 | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing | missing |
| 9 | yes | missing | no | missing | yes | missing | yes | missing | yes | missing | yes | missing | no | missing |
| % sample reliable change  (total n) | 100.0  (n=8) | 83.3  (n=6) | 62.5  (n=8) | 50.0  (n=6) | 75.0  (n=8) | 50.0  (n=6) | 75.0  (n=8) | 50.0  (n=6) | 100.0  (n= 8) | 50.0  (n= 6) | 50.0  (n= 8) | 100  (n= 6) | 25.0  (n=8) | 50.0  (n=6) |

*Note*: \*reliable deterioration was demonstrated, rather than reliable improvement. Case 8 removed due to missing data. RCADS= revised children’s anxiety and depression scale (child administered), CRIES= child revised impact of events scale, reliable change index scores taken from figures published by Wolpert et al, 2016

Supplementary Table 4. PTSD symptom scores

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | CRIES-8 | | | CRIES-13 | | | CPSS | | |
| Case | Pre | Post | 6MFU | Pre | Post | 6MFU | Pre | Post | 6MFU |
| 1 | 16 | 0 | 14 | 29 | 0 | 27 | 24 | 0 | 13 |
| 2 | 28 | 0 | 0 | 49 | 0 | 0 | 22 | 0 | 1 |
| 3 | 30 | 4 | 1 | 44 | 4 | 10 | 22 | 7 | 3 |
| 4 | 34 | 1 | 0 | 53 | 7 | 1 | 15 | 3 | 1 |
| 5 | 28 | 0 | 0 | 45 | 0 | 5 | 19 | 1 | 3 |
| 6 | 22 | 7 | missing | 38 | 12 | missing | 5 | 3 | missing |
| 7 | 32 | 0 | 0 | 43 | 0 | 9 | 22 | 0 | 4 |
| 8 | missing | missing | 16 | missing | missing | 26 | 19 | 0 | 5 |
| 9 | 40 | 2 | missing | 65 | 19 | 27 | 50 | 18 | 13 |

Supplementary Table 5. RCADS-c anxiety and depression scores above cut-off for each participant at baseline, and its trajectory across the intervention*.*

|  |  |  |  |
| --- | --- | --- | --- |
|  | Above clinical cut off at baseline\* | Remaining above clinical cut off post-intervention | Remaining above clinical cut off post-intervention at 6MFU |
| Case 1 | D (T= 78) | No | D (T= 75) |
| Case 2 | SA (T= 75); GA (T> 80); P (T> 80) SOC (T= 77); OC (T> 80); D (T> 80) | No | No |
| Case 3 | P (T= 72) | No | No |
| Case 4 | P (T= 72); OC (T> 80) | No | No |
| Case 5 | SA (T= 76) | No | No |
| Case 6 | None | N/A | N/A |
| Case 7 | P (T= 75) | No | No |
| Case 8 | Missing | Missing | Missing |
| Case 9 | SA (T> 80); GA (T= 76); P (T> 80); D (T> 80) | SA (T> 80); P (T= 80) | No data |

*Note*: Results excluded total anxiety and total anxiety and depression. 6MFU = six month follow up; D=Depression; GA= Generalised anxiety; N/A= not applicable (no baseline scores above cut-off); OC=Obsessions and compulsions; P=panic; RCADS= revised children’s anxiety and depression scale (child administered); SA=Separation anxiety.