Supplementary Materials for "A Metacognitive Intervention of Narrative Imagery (MINI)

for Young People with Cystic Fibrosis: A Feasibility Study"

Supplementary Table 1: Median Scores of Participant Ratings of the Intervention at Post Treatment.

The following questions are about the conversations you had in the 3 sessions. Please select an answer on each row from 'Not at all' = 0, 10, 20, 30, 40, 'Not sure' = 50, 60, 70, 80, 90, 'A lot' = 100.	Median	IQR*
1. I liked the conversations I had in the sessions.	80	75-100
2. These conversations helped me to tell my story.	90	70-100
3. I felt comfortable telling my story.	100	90-100
4. I feel like my problems don't have as much power over me as they did before the sessions.	90	60-95
5. I am better at imagining myself doing well, even when I have a lot of problems.	90	75-100
6. I am better at coping with my problems.	90	70-100

*= Interquartile Range.

Supplementary Table 2: Median Scores of Parent Ratings of the Intervention at Post Treatment.

The following questions are about your impression of the study and your child's experience of the study. Please select an answer on each row from 'Not at all' = 0, 10, 20, 30, 40, 'Not sure' = 50, 60, 70, 80, 90, 'A lot' = 100.	Median	IQR*
1. The sessions were helpful to my child.	70	55-90
2. I learned new things about my child's story from the sessions.	80	65-85
3. The sessions have helped me to know how to be more supportive of my child.	80	55-95
4. Since participating in this study, my child is better at coping with her/his problems.	60	50-80

*= Interquartile Range.

Supplementary Table 3: Median Scores of Participant Ratings of the Storybook at Post Treatment and Follow-up.

	Post Treatment		Follow-up	
The following questions are about the storybook you received that tells something of your story. Please select an answer for question 1 to 5 from 'Not at all' = 0, 10, 20, 30, 40, 'Not sure' = 50, 60, 70, 80, 90, 'A lot' = 100.	Median	IQR*	Median	IQR*
1. I like the storybook.	100	90-100	100	80-100
2. The storybook told the most important parts of my story.	100	85-100	100	65-100
3. The storybook helped me to share my story with someone else.	90	70-100	90	75-100
4. The storybook has been a comfort to me.	80	70-100	80	50-100
5. The storybook has helped to remind me of ways that I can cope with my problems.	90	75-100	100	65-100
6. Since I have received the storybook, I have looked at it (Not at all= 1, once a month= 2, once a week= 3, a couple times a week= 4, daily= 5)	4.0	2.0-4.5	3.0	2.0-4.0

*= Interquartile Range.

Supplementary Table 4: Median Scores of Parent Ratings of Storybook at Post Treatment and Follow-up.

	Post Treatment		Follow-up	
The following questions are about your, and your child's, experience of the storybook that was created in the study. Please select an answer for question 1 to 4 from 'Not at all' = 0, 10, 20, 30, 40, 'Not sure' = 50, 60, 70, 80, 90, 'A lot' = 100.	Median	IQR*	Median	IQR*
1. The storybook has helped me to know how to be more supportive of my child.	90	70-100	80	70-95
2. I learned new things about my child's story from the storybook.	80	65-100	80	60-80
3. The storybook captured the most important parts of my child's story.	100	75-100	80	75-90
4. The storybook has been a comfort to my child.	70	60-100	70	50-90
5. Since my child has received the storybook, she/he has look at it: (Not at all = 1, once a month = 2, once a week = 3, a couple times a week = 4, daily = 5)	3.0	2.0-4.0	3.0	2.0-3.5

*= Interquartile Range.

Supplementary Table 5: Table of CFQ-R Emotional Functioning over time by Participant.

Participant	Baseline	Post Tx	Follow-up
1	87.5 [d]	58.3 [c]	75.0
2	29.2 [a b]	41.7	62.5 [b]
3	91.7	75.0 [a b c]	79.2 [a]
4	70.8	58.3 [b]	87.5 [b]
5	79.2 [a]	87.5	83.3
6	50.0	54.2	45.8 [b c]
7	37.5 [b]	75.0	79.2
8	79.2	91.7	83.3
9	41.7 [b]	91.7 [a b]	100.0 [b]
10	87.5	83.3 [a]	83.3
11	83.3	75.0	66.7
12	58.3 [b]	75.0 [a b c]	66.7 [b]
13	58.3 [b]	75.0	79.2
Median	70.8	75.0	79.2
IQR*	45.8-85.4	58.3-85.4	66.7-83.3
MEAN	65.71	72.44	76.28
SD	21.2	15.3	13.4

[a] Inpatient Stay. [b] Physically Unwell (per Child or Parent Report). [c] Major Life Event. [d] Documented Under-Report.
Note: Higher levels indicate positive emotional functioning. *= Interquartile Range.

Supplementary Table 6: Table of HADS Anxiety over time by Participant.

Participant	Baseline	Post Tx	Follow-up
1	4 [d]	9 [c]	5
2	11 [a b]	12	9 [b]
3	0	7 [a b c]	1 [a]
4	6	5 [b]	0 [b]
5	2 [a]	1	1
6	9	4	7 [b c]
7	12 [b]	8	3
8	4	0	3
9	8 [b]	3 [a b]	2 [b]
10	2	1 [a]	4
11	2	4	7
12	7 [b]	6 [a b c]	4 [b]
13	6 [b]	4	1
Median	6.0	4.0	3.0
IQR*	2.0-8.5	2.0-7.5	1.0-6.0
MEAN	5.62	4.92	3.62
SD	3.7	3.5	2.8

[a] Inpatient Stay. [b] Physically Unwell (per Child or Parent Report). [c] Major Life Event. [d] Documented Under-Report.
Note: Higher levels indicate greater Anxiety. *= Interquartile Range.

Supplementary Table 7: Table of HADS Depression (Anhedonia in the HADS tripartite model) over time by Participant.

Participant	Baseline	Post Tx	Follow-up
1	0 [d]	0 [c]	1
2	4 [a b]	6	6 [b]
3	0	3 [a b c]	1 [a]
4	2	0 [b]	0 [b]
5	2 [a]	0	3
6	5	1	3 [b c]
7	2 [b]	1	1
8	2	1	0
9	3 [b]	1 [a b]	0 [b]
10	0	0 [a]	0
11	1	0	0
12	6 [b]	3 [a b c]	3 [b]
13	2 [b]	2	0
Median	2.0	1.0	1.0
IQR*	0.5-3.5	0.0-2.5	0.0-3.0
MEAN	2.23	1.38	1.38
SD	1.9	1.8	1.9

[a] Inpatient Stay. [b] Physically Unwell (per Child or Parent Report). [c] Major Life Event. [d] Documented Under-Report.
Note: Higher levels indicate greater Depression. *= Interquartile Range.

Supplementary Table 8: Negative Affect (HADS tripartite model) over time by Participant.

Participant	Baseline	Post Tx	Follow-up
1	3 [d]	8.0 [c]	5.0
2	6 [a][b]	7.0	6.0 [b]
3	0.0	4.0 [a][b][c]	1.0 [a]
4	5.0	2.0 [b]	0.0 [b]
5	2.0 [a]	0.0	1.0
6	6.0	3.0	5.0 [b][c]
7	7.0 [b]	6.0	3.0
8	2.0	0.0	2.0
9	3.0 [b]	2.0 [a][b]	1.0 [b]
10	2.0	1.0 [a]	1.0
11	1.0	3.0	3.0
12	4.0 [b]	3.0 [a][b][c]	3.0 [b]
13	4.0 [b]	2.0	1.0
Median	3.0	3.0	2.0
IQR*	2.0-5.5	1.5-5.0	1.0-4.0
MEAN	3.46	3.15	2.46
SD	2.1	2.5	1.9

[a] Inpatient Stay. [b] Physically Unwell (per Child or Parent Report). [c] Major Life Event. [d] Documented Under-Report. Note: Higher levels indicate greater Neg. Affect. *= Interquartile Range.

Supplementary Table 9: Autonomic Anxiety (HADS tripartite model) over time by Participant.

Participant	Baseline	Post Tx	Follow-up
1	1.0 [d]	1.0 [c]	0.0
2	5.0 [a][b]	5.0	3.0 [b]
3	0.0	3.0 [a][b][c]	0.0 [a]
4	1.0	3.0 [b]	0.0 [b]
5	0.0 [a]	1.0	0.0
6	3.0	1.0	2.0 [b][c]
7	5.0 [b]	2.0	0.0
8	2.0	0.0	1.0
9	5.0 [b]	1.0 [a][b]	1.0 [b]
10	0.0	0.0 [a]	3.0
11	1.0	1.0	4.0
12	3.0 [b]	3.0 [a][b][c]	1.0 [b]
13	2.0 [b]	2.0	0.0
Median	2.0	1.0	1.0
IQR*	0.5-4.0	1.0-3.0	0.0-2.5
MEAN	2.15	1.77	1.15
SD	1.9	1.4	1.4

[a] Inpatient Stay. [b] Physically Unwell (per Child or Parent Report). [c] Major Life Event. [d] Documented Under-Report. Note: Higher levels indicate greater Autonomic Anxiety. *= Interquartile Range.