

Table of published results in included studies.

Author, year, reference Follow-up Type of outcome Scale-construct *Lower scores desirable	Intervention group Measures	Control group Measures	Difference Measures
<b>Aho-Mustonen et al, 2011 [1], 3 Months Inventories (self-report and nurse assessments)</b>	<b>Intervention group (n=19) Mean change (SD)</b>	<b>Control group (n=20) Mean change (SD)</b>	<b>p, Cohens' d</b>
Knowledge about Schizophrenia, KASQ	1.4 (2.8)	-0.5 (2.6)	p= 0.04, d=0.68
Unawareness of Mental Disorder, SUMD	-0.7 (1.1)	-0.2 (0.8)	p= 0.09, d=-0.61*
Compliance rating scale, CRS	-0.4 (1.1)	-0.2 (1.1)	p=0.81, d=-0.21
The Drug Attitude Inventory-10, DAI-10	0.9 (5.3)	0.8 (3.3)	p=0.96, d=0.02
The Brief Psychiatric Rating Scale, BPRS	-4.6 (8.0)	-4.0 (4.6)	p=0.76, d=0.10*
The Nurses' Observation Scale for Inpatient Evaluation, NOSIE-30	-2.1 (3.8)	-0.5 (3.9)	p=0.21, d=0.41
Beck Depression Inventory-II, BDI-II	-2.5 (6.2)	-0.1 (7.9)	p=0.30, d=0.34*
The Rosenberg Self-Esteem Scale, RSE	2.0 (2.8)	-0.2 (4.3)	p=0.06, d=0.62
Health-related quality of life, 15D	0.00 (0.06)	0.04 (0.08)	p=0.09, d=-0.57
Perceived Stigma Questionnaire* (Only post-treatment data available)	-0.1 (0.5)	-0.4 (0.6)	p=0.08, d=-0.59*
<b>Cavezza et al, 2013 [2] Post experiment Inventories -constructs (self-report)</b>	<b>Intervention group (n=24) Mean change (SD)</b>	<b>Control group (n=24) Mean change (SD)</b>	<b>Post intervention Mean (SD) Fishers F. p</b>
Compliance	5.9 (1.1)	5.5 (0.9)	F=3.91, p=0.055
Brief psychiatric rating scale	39.8 (12.8)	34.5 (10.1)	F=1.81, p=0.185
Drug attitude inventory	8.8 (14.7)	3.5 (15.0)	F=4.30, p=0.044
Patient attitude questionnaire -Dissatisfaction*	18.5 (6.5)	16.1 (7.7)	F=1.60, p=0.213
-Stress*	19.9 (6.8)	16.3 (8.5)	F=0.59, p=0.447
-Detachment*	10.1 (3.9)	8.9 (4.6)	F=0.03, p=0.859
Patient motivation inventory -Internal motivation	5.4 (2.4)	5.4 (2.1)	F=0.38, p=0.539
-Lack of confidence*	3.1 (2.4)	3.0 (2.0)	F=0.00, p=0.975
-Feelings of failure	1.6 (1.2)	1.3 (1.2)	F=0.73, p=0.396
Patient perception questionnaire -Treatment engagement	65.5 (19.2)	59.0 (22.5)	F=1.18, p=0.284
-Reluctance to open up*	41.2 (12.3)	37.9 (11.3)	F=0.21, p=0.650
-Readiness for discharge*	19.5 (5.3)	23.7 (4.1)	F=4.05, p=0.050
<b>Yip et al, 2013 [3] Post experiment Inventories, -constructs (self-report)</b>	<b>Intervention group (n=30) Mean (SD)</b>	<b>Control group (n=29) Mean (SD)</b>	<b>ITT F-value (Cohen's d) *p &lt; .05, ** p &lt;01, ***p&lt; .001.</b>
MVQ*	14.60 (11.22)	21.34 (14.67)	6.26 (.52)*
-Machismo scale	8.00 (9.21)	12.86 (12.05)	4.33 (.45)*
-Acceptance scale	6.60 (3.12)	8.48 (3.97)	7.62 (.53)**
NAS-PI total*	80.00 (16.02)	81.00 (18.45)	(18.45) 0.01
-Cognitive domain	28.33 (5.27)	28.59 (5.80)	(5.80) 0.02
--Arousal domain	26.47 (7.07)	26.28 (6.63)	(6.63) 0.38
-Behavior domain	25.20 (5.91)	26.14 (7.30)	(7.30) 0.06
WAYS total	61.50 (23.31)	33.41 (24.04)	35.56 (1.19)***
-Confrontive coping	7.97 (3.77)	4.83 (3.26)	15.15 (0.89)***
-Distancing coping	8.93 (4.22)	4.45 (3.58)	20.42 (1.14)***
-Self-controlling coping	6.33 (2.89)	3.24 (2.84)	13.20 (1.08)***
-Seeking social support coping	11.57 (7.10)	6.31 (4.80)	18.74 (0.87)***
-Accepting responsibility coping	3.90 (2.50)	1.59 (2.38)	10.40 (0.95)**
-Escape-avoidance coping	6.50 (3.03)	4.93 (3.57)	9.73 (0.47)**

-Planful problem-solving coping	8.67 (3.35)	4.59 (4.20)	24.05 (1.07)***
-Positive reappraisal coping	7.63 (4.63)	3.45 (4.35)	15.98 (0.93)***
SPSI-RS total	12.95 (3.32)	11.01 (3.84)	3.07
-Positive problem orientation	12.13 (5.28)	7.86 (5.34)	10.73 (0.80)**
-Negative problem orientation	6.00 (3.92)	5.59 (4.35)	0.22
-Rational problem solving	10.80 (5.62)	6.17 (5.31)	6.72 (0.85)*
-Impulsivity/carelessness	6.70 (4.34)	5.72 (5.21)	1.20
-Avoidance style	5.57 (3.86)	4.00 (3.35)	4.20 (0.43)*
DBSP total	31.31 (12.96)	41.41 (13.34)	11.86 (0.77)**
-Disruptive behaviour*	13.81 (8.11)	18.15 (9.76)	5.20 (0.48)*
-Social and psychological	17.50 (7.93)	23.37 (6.93)	8.82 (0.79)**
<b>Kuokkanen et al, 2014 [4]</b> <b>6 Months</b> <b>Inventories, -constructs</b> <b>(self-report)</b>	<b>Intervention</b> <b>group (n=10)</b>	<b>Control group</b> <b>(n=10)</b>	Only Wald-test data available <sup>1</sup> *p<0.05; **p<0.01; ***p<0.001
PANSS Sum			19.35***
P6			10.82*
G12			2.22
PSYRATS Total			4.87
Amount of preoccupation			1.94
Duration of preoccupation			4.90
Conviction			3.92
Amount of distress			6.93
Intensity of distress			5.32
<b>Walker et al, 2013 [5]</b> <b>Post experiment Inventories, -constructs</b> <b>(self-report)</b>	<b>Intervention</b> <b>group (n=30)</b> <b>M (SD)</b>	<b>Control group</b> <b>(n=35)</b> <b>M (SD)</b>	<b>Difference between TAU</b> <b>and experiment</b>
Assessment of Insight, SAI	10.7 (5.1)	12.2 (5.4)	F (1,78)=2.34, p=0.13, partial $\eta^2$ =0.13
Forensic Assessment of Knowledge Tool, FAKT	29.6 (9.8)	36 (8.1)	F (1,74)=8.68, p≤ .01, partial $\eta^2$ =0.10
Positive and Negative Syndrome Scale	14.3 (6.2)	12.8 (3.9)	F (1,76)=2.437, p=0.12, partial $\eta^2$ =0.03
-PANSS -ve	17.9 (6.9)	15.2 (6.2)	F (1,76) =2.282, p=0.13, partial $\eta^2$ =0.02
PANSS comp composite t 6-	30.4 (9.8)	27.2 (7.2)	F (1,76)=0.175, p=0.67, partial $\eta^2$ =0.002
Calgary Depression Scale for Schizophrenia CDSS	2 (3.46)	1.8 (4.4)	U=0.712, p=0.320
SQLS-R4 total score	30.6 (16.1)	30.7 (19.1)	F (1,74)=1.65, p=0.203, partial $\eta^2$ =0.022
The Schizophrenia Quality of Life Scale Revision	22.4 (15.3)	23.8 (16.6)	F (1,74)=1.24, p=0.267, partial $\eta^2$ 0.017
SQLS-R4 vitality sub-scale	17.9 (7.11)	16.7 (9.1)	F (1,74)=1.77, p=0.186, partial $\eta^2$ =0.023
Quality of life and Behaviour total score, BEST	535.7 (96.2)	572 (99.1)	F (1,78)=0.667, p=.41, partial $\eta^2$ =0.008
BEST-Index empathy score	103 (26.1)	109 (25.2)	F (1,78)=4.96, p=0.029, partial $\eta^2$ =0.06

<sup>1</sup>The Wald test indicates whether the two groups differ from each other in the overall change throughout the study in all of the three-time intervals.

## References

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3. C-Y Yip V, Gudjonsson GH, Perkins D, Doidge A, Hopkin G, Young S. A non-randomised controlled trial of the R&R2MHP cognitive skills program in high risk male offenders with severe mental illness. *BMC Psychiatry* 2013;13:267-67.
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