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SELF-MANAGEMENT & SELF-MONITORING

- Allows for better communication with healthcare provider
- More individualized and specific to individual life circumstances
- More self-directed and empowering, more motivating
- Gives patients more control





MS Fatigue:

An Interactive Education Resource for Persons with MS

Use "*Enter*" to advance the slides

What would you like to learn about first?

- Main Menu
 - Ways to track your fatigue
 - The factors that might be influencing your fatigue and strategies to manage them
 - Poor sleep
 - <u>Medication side effects</u>
 - <u>Lack of exercise</u>
 - <u>Mental exertion</u>
 - <u>Depression</u>
 - General fatigue management strategies
 - <u>Communicating to others about your fatigue</u>
 - Finding more information





SAMPLE

 Recruited from 2 Canadian Sites (N=35)



Gender Female Male	27 (77%) 8 (23%)
Average Age	49.1
Average Disease Duration	12.1
Average Disability (PDSS)	2.6
Type of MS Relapsing Progressive	24 (69%) 11 (31%)



DATA COLLECTION

	Baseline (in person)	3-Week (phone)	3-Month (phone)
Quantitative	 Demographic & Clinical Info Fatigue – MFIS Self-efficacy – SMES Perceived deficits - PDQ Usage log 	1. Usage log	 MFIS SMES PDQ
Qualitative	 Current fatigue management knowledge & strategies How to use the resource 	 Ease of use Relevance Application Facilitators Barriers 	 Ease of use Relevance Application Facilitators Barriers Fatigue mgmt knowledge & strategies



QUANTITATIVE RESULTS

Measure (mean, SD)	Baseline	3-Months	Paired t-test	p-Value
MFIS				
Total Score	48.6 (17.5)	42.8 (16.5)	2.64	.012*
Physical Subscale	24.1 (8.8)	21.5 (7.8)	1.95	.059
Cognitive Subscale	20.3 (9.3)	17.7 (9.2)	2.89	.007**
Psychosocial Subscale	4.2 (2.4)	3.6 (2.5)	2.84	.008**
SMES	6.6 (1.6)	7.0 (1.8)	-1.91	.065
PDQ	1.7 (0.9)	1.5 (0.8)	2.68	.011*
Knowledge about MS fatigue	6.5 (2.7)	7.6 (2.4)	-3.02	.005**
Confidence in managing MS fatigue	5.5 (2.9)	7.1 (2.6)	-3.68	.001**





CHANGES IN...

KNOWLEDGE:

"I'm so much better now just with that information that I've learned. It just makes me more aware. I can manage myself better. I'm more proactive with my health..."

Clearer thinking

Greater awareness

Less frustration

Normalization

EXPECTATIONS:

"Now I am more at ease with myself in not always trying to help or not always trying to keep up to others or in doing less than I used to, and I still feel alright with it."

Less worry and fear

Personal permission

Trust in self





✓ Improved quality of life

✓ Increased self-confidence

✓ More proactive







- Randomized controlled trial
- Versions mobile app, webbased



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