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Version: Supplemental Material

Article:

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Supplementary material S1: WHO Borg CR-10 pacing protocol

Phase	RPE (0-10)	Example activities						
1 – preparation for return to activity	0-1	Diaphragmatic breathing exercises, gentle stretches, Yoga Nidra practice, short walks						
2 – low intensity activity	2-3	Walking, light household or gardening tasks,						
3 – moderate intensity activity	4-5	Brisk walking, introducing inclines, gentle jogging, resistance exercises						
4 – high intensity exercise	5-7	Running, cycling, swimming, dancing						
5 – return to baseline	8-10	Usual exercise, sports or daily activities with usual routine and vigour.						

Supplemental Material S2: Leeds PESE Questionnaire and 4-item Likert scale for active

resting PESE Service Evaluation Patient Questionnaire

Initials-

Date completed-

Activity Goal-

Week questionnaire completed (1-8)-

Q1) Have you managed to successfully follow the	YES / NO
pacing advice over the past 7 days? This means you have	
been able to follow the guidance 7/7 days.	
State which activity phase has been followed (1-5)-	
	Phase of activity-
Q1b) If no, could you please identify the reason(s) why:	
Q2a) Have you managed to practice restful activity over	YES / NO
the past 7 days? This means you have been able to follow the	
guidance 7/7 days.	
	Restful activity-
Q2b) If no, could you please identify the reason(s) why:	
Q3a) Have you experienced any post-exertional	YES / NO
symptom exacerbation (PESE) episodes over the past 7 days?	
Q3b) If yes, can you please state how many PESE	
episodes you have experienced over the past 7 days:	
Q3c) If yes, was this triggered by <i>physical</i> exertion over the past 7 days?	YES / NO
Q3d) If yes, was this triggered by <i>cognitive exertion</i> over the past 7 days?	YES / NO
Q3e) If yes, was this triggered by <i>emotional stress</i> over the past 7 days?	YES / NO
Q3f) If yes, was this triggered by <i>social stress</i> over the past 7 days?	YES / NO
Q3g) If yes, was this triggered by <i>environmental</i> stress over the past 7 days?	YES / NO

Q4a) Have your normal activities of daily living (ADLs)-	YES / NO
self care, work, rest and play, been affected by PESE over	
the past 7 days?	
Q4b) If yes to the above, how have your ADL – (self care,	
work, rest and play) been affected?	

Q5) If you have experienced PESE	<1 hr	2-3 hrs	4-10 hrs	11-13rs	14-23hrs	≥24 hrs	If >24hr how long:
over the past 7 days, how long							
have your symptoms typically							
lasted for?							

Please list any symptoms you have experienced during a PESE episode(s) over the past 7 days and rate the severity on a 0-3 scale.

Note: If no PESE symptoms experienced, progress on to next activity phase if suitable.

Symptom and consequence (following PESE	Severity (0-3):								
episode)	0= None; no problem								
	1= Mild problem; does not affect daily life								
	2 = Moderate problem; affects daily life to a certain extent								
	3 = Severe problem; affects all aspects of daily life; life- disturbing								
	0 1 2 3								
	0 1 2 3								
	0 1 2 3								
	0 1 2 3								
	0 1 2 3								
	0 1 2 3								
	0 1 2 3								

Other comments/ notes-

Questio	n:										
1.	Are y	ou al	ble to	notio	ce the	diffe	rence	betw	zeen f	tense	and calm in your body?
	0	1	2	3	4	5	6	7	8	9	10
Not abl	e to no	tice									Able to notice
2.	How	muc	h doe	s the	feelir	ng of	pain/	disco	mfor	t in y	our body worry you?
	0	1	2	3	4	5	6	7	8	9	10
Wor	rying										Not worrying
3.	How	able	are y	ou in	lister	ning t	o the	fatig	ue cu	es in	your body?
	0	1	2	3	4	5	6	7	8	9	10
Body ig	noring	;									Body listening
4.	How	able	are y	ou to	cons	cious	ly bre	eath n	asall	y, sof	tly, and slowly with your diaphragm
	0	1	2	3	4	5	6	7	8	9	10
Unable	to cont	trol									Able to control

Supplmentary material S3: Intervention process measures across time points

Outcome	Week 0	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 12
	Start of intervention				Midway				End of intervention	After intervention
Median number of PESE episodes (IQR)	2 (2,3)	1 (1,2)	1 (1,2)	1 (1,2)	1 (0,1)	1 (0,1)	1 (0,2)	1 (0,1)	0 (0,1)	1 (0,1)
Median number of symptoms (IQR)	3 (2,4)	3 (2,4)	2 (2,3)	3 (2,3)	2 (0,4)	2 (1,3)	2 (1,3)	2 (0,3)	2 (0,3)	2 (0,3)
Median symptom severity (IQR)	2.5 (2,3)	2 (2,2.5)	2 (2,2.5)	2 (2,3)	2 (0,3)	2 (1,2)	2 (2,3)	2 (0,2.5)	1 (0,2)	2 (0,2)
Median duration of episodes (IQR)(hours)	.25 (0,18.5)	.25 (0,12)	.25 (0,18.5)	.25 (0,7)	.25 (0,7)	.25 (0,7)	.25 (0,7)	.25 (0,7)	.25 (0,.5)	.25 (0,2.5)
Median phase of activity (IQR)	4 (3,5)	2 (2,3)	2 (2,3)	2 (2,3)	3 (2,3)	3 (2,3)	3 (2,3)	3 (2,4)	3 (2,4)	3 (2,4)
Median active resting score (0-40)(IQR)	23 (19,27)	28 (24,30)	28 (24,31)	27 (25,31)	28 (24,31)	30 (26,32)	29 (25,33)	30 (27,33)	30 (27,33)	30 (26,34)