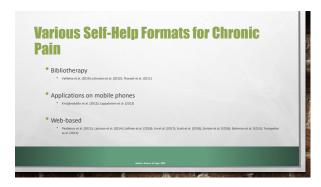






	Accessibility Remains a Major Challenge
•	Long wait lists
۰	Distance from major cities
•	Difficulties linked to mobility or transportation
•	Costs associated with treatment (\$)
•	Lack of qualified professionals
•	Stigma
•	Current barriers to face-to-face treatment due to Covid-19

What is a Self-He	-10-	
" Self-administered " and based on " e	evidence-based treatment " (Nice, 2004)	
"Guide and encourage the patient to r (Anderson et al., 2005; p. 387)	make changes rather than just provide info	ormation"
Level of guidance of therapy	Present study	
1. Self-Administered		
2. Predominantly Self-Help	1	
3. Minimal Contact		
4. Predominantly Therapist-Administered		



Beffectiveness results based on ACT self-help cannot be fully generalized and further research is required While self-help are well disseminated, there is criticism about over-claiming empirical support for published self-help books Results based on format (book vs web-based) of intervention remain unclear More research is needed to better understand psychological processes associated with outcomes and long-term benefits

nprovem hronic pa	the reduction of disability (primary), anxiety/depression and ent of quality of life (secondary variables) among people suffering from in
.) аст	Web-based > Education
	Bibliotherapy > Education -based > Bibliotherapy

Rando (educa	mized-controlled trial (RCT) comparing two experimental ACT groups to an active control group tion)
3-arm	ed – parallel groups
The in	ervention was over a period of 9 weeks
Longit	idinal with repeated measures
	• pre, post, 3 and 6 months
	• 11 weekly measures (7 diary items)

Ethics	certificate CDERS-17-11-06.05 (Feb 5, 2018)
Regist	tration on Clinicaltrials.gov – NCT03711851 (20 Oct. 2018)
Consc	ort-ehealth statement was followed to ensure optimal reporting of the protocol (Gysenbach et

	Method: Eligibility Criteria
v	18 years or older and residing in Canada
V	Non-cancer related pain every day for at least 6 months
~	Having an average pain level of at least 4/10 within the past week
~	Reading and writing abilities equivalent or superior to grade 8
V	Internet access at home as well as a valid e-mail address
~	Never having taken part in an ACT therapy and/or practiced mindfulness meditation and/or having read the book used in the study
V	Not being in an unstable psychological situation (e.g. severe suicidal thoughts)
V	Stable medication for at least one month

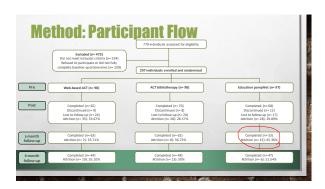








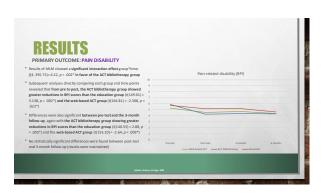






RESULTS				
Sociode magraphic Information	Web-based (n = 98)	Sibliotherapy (n = 98)	Education (n = 97)	
ige	M (SD)	M (SD)	M (SD)	
	50.97 (11.23)		51.37 (11.81)	
	n (%)		n (%)	
Women	88 (89.8%)	91 (91.9%)	86 (89.6%)	
Men	10 (10.2%)	8 (8.1%)	10 (10.4%)	
White/Caucasian	91 (93.8%)	87 (89.7%)	87 (90.6%)	
Black	-		1(1%)	
Aboriginal/First Nations/Metis	3 (3.1%)	3 (3.1%)	1 (1%)	
Hispanic	2 (2.1%)		2 (2.1%)	
Asian	1 (1%)	4	-	
High School	14 (14.3%)	21 (21.2%)	23 (24%)	
College studies or CEGEP	44 (44.9%)	40 (40.4%)	37 (28.5%)	
University (Undergraduate)	24 (24.5%)	29 (29.3%)	27 (28.1%)	
University (Graduate)	16 (16.3%)	9 (9.1%)	9 (9.4%)	

Sociodemographic information	Web-based (n = 98)	Bibliotherapy (n = 98)	Education (n = 97)	
fain diagnosis of chronic pain	N N	×	×	
Headaches (migraines)	2.0	6.1	11.5	
Fibromyalgia	37.6	39.4	44.0	
Back pain	11.2	12.1	12.5	
Neck pain	7.1	4.0	2.1	
Neuropathic Pain	8.2	7.1	3.1	
Musculoskeletal Pain	16.3	6.1	12.5	
Arthritis	5.1	5.1	1.0	
Chronic Post-Surgical Pain	1.0	3.0	3.1	
Complex Regional Pain Syndrome	2.0	4.0		
Other	9.2	13.1	9.4	
Yes	34.7	40.8	47.9	
Yes	37.6	20.2	31.6	



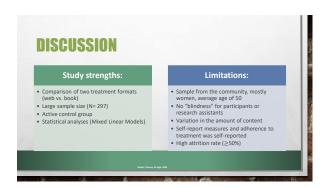
RESULTS	
SECONDARY OUTCOMES: ANXIETY	
Results of MLM showed a significant interaction effect group*time: (f(4, 380.24) = 3.10, p = .016) in favor of the ACT bibliotherapy group	HADSAnxiety
Subsequent analyses directly comparing each group and time points revealed that from pre to post, the ACT bibliotherapy group shows greater reductions in anxiety scores than the education group (t[143.08) = 2.41 , p = $.017^{\circ}$) and the web-based ACT group (t[145.40] = 3.04 , p = $.037^{\circ}$)	26
Between pre-test and the 3-month follow-up, there was a statistically significant difference in favor of the ACT bibliotherapy group compared to the education group ($t(13.07) - 2.45, p - 0.43$), and a marginally significant difference compared to the web-based ACT group ($t(131.01) = -1.78, p = 0.77$).	5
Between post-test and the 3-month follow-up, there was a marginally significant difference in favor of the ACT bibliotherapy group compared to the web-based ACT group (t(110.16) = 1.75, p = .083)	Pro-Cent Post-dest à months G-months

	SULTS ARY OUTCOMES: DEPRESSION
	is of MLM showed a significant effect for time ($f(2, 373.20) = 19.17$, $\rho = .0001^{\circ}$), suggesting the more time advanced, the more scores of depression decreased
• Differ	ences in groups were not statistically significant and neither was the interaction effect
	_

RESU	ILTS
SECONDARY (DUTCOMES: QUALITY OF LIFE
	MLM showed a significant effect for time $(f(2, 357.78) = 36.15, p = .0001^*)$, suggesting time advanced, the more quality of life scores increased
Difference	s in groups were not statistically significant and neither was the interaction effect



Pain-related disability Anxiety and depression Quality of life	
Quality of life	
Quality of file	
T bibliotherapy showed greater reductions in pain disability and anxiety but not operation or quality of life	on
b-based ACT was not more effective than ACT bibliotherapy or education on pain	



Analyze longitud	nal data for the study (diary items)	and process variables	
 Identify and de 	scribe trajectories of change (6) in di	sability during the intervention	
 Identify charac 	eristics and baseline predictors of tra	ajectory membership	
 Identify traject 	ory groups associated with greater/p	porer outcomes	

