

**Feasibility study** 

### **BASELINE QUESTIONNAIRE**

## Confidential

Dear Participant,

The aim of this questionnaire is find out your current health state and get to know how you feel about living with chronic pain before you participate in the MEMPHIS study. You don't have to answer

any question you are not comfortable with but we would appreciate you completing as much as possible.

Please read the questions carefully. If you have any difficulties with the questionnaire please contact the study team.

Please write date completed: DD / MMM / YYYY

# **1**. About you and your pain

Please tell us a bit about who you are:

	1						
1.1 What is your age			_Years				
1.2 What is your weight			_ kg				
1.3 What is your height			_cm				
<b>1.4 What are your living arrangements?</b> (please tic	k <u>one</u> box)	Alone		With o	thers [		
<b>1.5 Which of the</b> <b>following best describes</b> <b>you?</b> (please tick <u>one</u> box)	Employed (f including se Unemployed At school or Other (pleas	lf-employme d and looking in full time o	ent) g for worł		term sick Looking a home/far	fter your	ong
4 ( 11		· · · · · ·	1 - 4 4 -		A	40	
1.6 How old were you when you left full time	I did not rec	eive a forma	il educatio	on 🗋	Age 17 to	0 19	
education (e.g. school, college or university?	Age 12 or le	SS			Age 20 or	rover	
(please tick <u>one</u> box)	Age 13 to 16	5			I am still i educatior	in full time n	
	Other (pleas	se specify)					
1.7. How long have you ha	ad your pain?	Please tick of	one box				
0-6 months 7-12 mor	nths 1-2	years	3-5 years	6	-10 years	More than 1	0 years
	[						
1.9. How would you rate		r the past w	vook on o	scale of (	) - 10 .who		n' and 10
1.8. How would you rate y is 'Pain as bad as could be			eek on a	scale of C	5 - 10, whe	re o is no pai	
No pain						Pain as bad	as can be
0 1 2	3	4	5	6	7	8 9	10

# 2. Treatment of your pain

#### What types of treatments have you tried for your pain in the last 6 months?

(please indicate with a tick whether you have used the following:)

Treatment name	No	Yes	Treatment name	No	Yes
Acupuncture			Massage		
Gabapentin			Nutrition/diet		
Amitriptyline			Codeine or Morphine type painkillers		
Biofeedback			Nerve blocks		
Botox injection			Over the counter medication		
Contraceptive pills/patch/ ring			Physiotherapy		
Exercise, yoga or pilates			Psychological (talking) therapy		
Injections to suppress ovaries (e.g. Prostap, Zoladex)			Transcutaneous Electrical Nerve Stimulation (TENS)		
Herbal Medicine			Surgery		
Meditation or relaxation exercises			Other – please state		

Are you using any pain treatment currently?

Yes No 🗆

## 3. General Health

These questions ask for your views about your health. This information will help keep track of how you feel and how well you are able to do your usual activities.

Please answer <u>every question</u> by marking the answer as indicated. If you are unsure about how to answer a question, please give the best answer you can. When answering the question please asses how you felt <u>in the last four weeks</u>.

3.1. In general, wou	ıld you say your health	is? (Please tick <u>one</u>	box)	
Excellent	Very good	Good	Fair	Poor

3.2. Compared to o	ne year ago, how wou	ld you rate your hea	Ith in general now? (F	Please tick <u>one</u> box)
Much better now than one year ago	Somewhat better now than one year ago	About the same	Somewhat worse now than one year ago	Much worse than one year ago

**3.3** The following items are about activities you might do during a typical day. Does your health now limit you in these activities? If so, how much?

a. Vigorous activities, such as running, lifting		b. Moderate activities, such as moving a	table,
heavy objects, participating in strenuous spor	ts	pushing a vacuum cleaner, bowling, or p	laying
(Please tick <u>one</u> box)		<b>golf</b> (Please tick <u>one</u> box)	
Yes, limited a lot		Yes, limited a lot	
Yes, limited a little		Yes, limited a little	
No, not limited at all		No, not limited at all	
c. Lifting or carrying groceries		d. Climbing several flights of stairs	
(Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Yes, limited a lot		Yes, limited a lot	
Yes, limited a little		Yes, limited a little	
No, not limited at all		No, not limited at all	

e. Climbing one flight of stairs (Please tick <u>one</u> box)	<b>f. Bending, kneeling or stooping</b> (Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all
g. Walking more than a mile	h. Walking several hundred yards
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all
i. Walking one hundred yards	j. Bathing or dressing yourself
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all

**3.4** During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?

a. Cut down the amount of time you spen	t on	b. Accomplished less than you would like	
work or other activities (Please tick one bo	x)	(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	

### General Health continued...

<b>c. Were limited in the kind of work or other</b> <b>activities</b> ( <i>Please tick <u>one</u> box</i> )		d. Had difficulty performing the work or other activities (for example, it took extra effort) (Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	

Participant ID No.:		
None of the time	None of the time	

**3.5** During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?

a. Cut down the amount of time you spent or	n	b. Accomplished less than you would like	
work or other activities (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	
c. Did work or other activities less carefully th	han		
<b>usual</b> (Please tick <u>one</u> box)			
All of the time			
Most of the time			
Some of the time			
A little of the time			
None of the time			

Participant ID No.:
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		extent has your physical l vities with family, friends		-
Not at all	Slightly	Moderately	Quite a bit	Extremely
3.7. How much b	odily pain have you h	ad during the <u>past 4 wee</u>	<u>ks</u> ? (Please tick <u>one</u>	box)
None	Very mild	Mild Modera	te Severe	Very severe
None	Very mild	Mild Modera	te Severe	Very severe
None	Very mild	Mild Modera	te Severe	Very severe
3.8. During the particular	ast 4 weeks, how muc	Mild Modera		
3.8. During the particular	ast 4 weeks, how muc	ch did pain interfere with		

**3.9.** These questions are about how you feel and how things have been with you during <u>the past 4</u> <u>weeks</u>. For each question, please give the answer that comes closest to the way you have been feeling.

a. Did you feel full of life? (Please tick one bo	ox)	b. Have you been very nervous?	
		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	
c. Have you felt so down in the dumps that		d. Have you felt calm and peaceful?	
nothing could cheer you up? (Please tick one	<u>e</u> box)	(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	

### General Health continued...

e. Did you have lots of energy?	f. Have you felt downhearted and depressed?	
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)	
All of the time	All of the time	

Participant ID No.:	
Most of the time	Most of the time
Some of the time	Some of the time
A little of the time	A little of the time
None of the time	None of the time
g. Did you feel worn out? (Please tick <u>one</u> box)	h. Have you been happy? (Please tick <u>one</u> box)
All of the time	All of the time
Most of the time	Most of the time
Some of the time	Some of the time
A little of the time	A little of the time
None of the time	None of the time
i. Did you feel tired? (Please tick <u>one</u> box)	
All of the time	
Most of the time	
Some of the time	
A little of the time	
None of the time	

3.10. During the past 4 weeks, how much of the time has your physical health or emotional problems
interfered with your social activities (like visiting friends, relatives, etc.?) (Please tick one box)

All of the time	Most of the time	Some of the time	A little of the time	None of the time

3.11 How true or false is each of the following statements for you?

a. I seem to get sick a little easier than oth	er	b. I am as healthy as anybody I know	
<b>people</b> (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Definitely true		Definitely true	
Mostly true		Mostly true	
Don't know		Don't know	
Mostly false		Mostly false	
Definitely false		Definitely false	
c. I expect my health to get worse		d. My health is excellent	
(Please tick <u>one</u> box)		(Please tick <u>one</u> box)	

Participant ID No.:		
Definitely true	Definitely true	
Mostly true	Mostly true	
Don't know	Don't know	
Mostly false	Mostly false	
Definitely false	Definitely false	

## 4. Your main symptoms

**4.1. Choose one or two symptoms** (physical or mental), which bother you the most.

- Write them on the lines.

- Now consider how bad each symptom is, over the last week, and score it by ticking the number.

SYMPTOM 1	0	1	2	3	4	5	6
(specify):							
	As good as	it					oad as it
	could be			_			could be
SYMPTOM 2	0	1	2	3	4	5	6
(specify):							
	As good as	it				As b	oad as it
	could be						could be
4.2. Now choose one ac	tivity (physica	al, social o	or mental) th	at is impor	tant to you,	and that yo	our
problem makes difficult	or prevents y	ou doing/	. Score how l	oad it has b	een in <u>the l</u>	<u>ast week</u> .	
ACTIVITY (specify):	0	1	2	3	4	5	6
	As good as	it				As b	oad as it
	could be						could be
<b>4.3.</b> Lastly how would yo	u rate your g	eneral fee	ling of wellbe	eing during	<u>the last wee</u>	<u>:k</u> ?	
FEELING OF	0	1	2	3	4	5	6
WELLBEING							
	As good as	it				As b	oad as it
	could be						could be
	•						
4.4. How long have you	had Symptor	n 1, eithe	r all the time	or on and	off? (Please	<u>circle</u> )	
0 - 4 weeks 5- :	12 weeks	12	s – 1 year	Potwoon	1 - 5years	Mara th	an 5 years
$0-4$ weeks $J^-$ .	IZ WEEKS	13 Week	.s - 1 yeur	Detween	I - Jyeurs	More the	iii J yeuis
4 E Ave ver teline env	n adiantian F					/FC / N	
4.5. Are you taking any I	nedication F			ieuse <u>circie</u> ,	/ 1	(ES / N	10
<u>IF YES</u>							
4.5. a. Please write in name of medication, and how much a day/week							

Name:	Dose:	mg	<u>day/week (please circle)</u>
Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)

4.5. b. Is cutting down this medication: (Please <u>circle</u>)

Participant ID No.: Not important	 A bit important	Very important	Not applicable
IF NO (to Q.4.5):			
	ation for this problem: (Ple	ease circle)	
Not important	a bit important	very important	not applicable

## 5. Mood

Please read each item and tick the reply which comes closest to how you have been feeling **in the past week**.

Don't take too long over your replies: your immediate response to each item will probably be more accurate than a long thought out response.

5.1. I feel tense or "wound up" (Please tick one		5.2. I still enjoy the things I used to enjoy	
box)		(Please tick <u>one</u> box)	
Most of the time		Definitely as much	
A lot of the time		Not quite as much	
From time to time, occasionally		Only a little	
Not at all		Hardly at all	

5.3. I get a sort of frightened feeling as if	5.4. I can laugh and see the funny side of things
something awful is about to happen (Please tick	(Please tick <u>one</u> box)
<u>one</u> box)	
Very definitely and quite badly	As much as I always could
Yes, but not too badly	Not quite so much now
A little but it doesn't worry me	Definitely not so much now
Not at all	Not at all

5.5. Worrying thoughts go through my mind		5.6. I feel cheerful (Please tick <u>one</u> box)		
(Please tick <u>one</u> box)				
A great deal of the time		Not at all		
A lot of the time		Not often		
From time to time but not too often		Sometimes		
Only occasionally		Most of the time		

## Mood continued...

5.7. I can sit at ease and feel relaxed	5.8. I feel as if I am slowed down	
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)	
Definitely	Nearly all of the time	
Usually	Very often	

Participant ID No.:			
Not often		Sometimes	
Not at all		Not at all	
5.9. I get a sort of frightened feeling like	9	5.10. I have lost interest in my appearance	e
"butterflies" in the stomach (Please tick	( <u>one</u> box)	(Please tick <u>one</u> box)	
Not at all		Definitely	
Occasionally		I don't take as much care as I should	
Quite often		I may not take quite as much care	
Very often		I take just as much care as ever	
5.11. I feel restless as though I have to b	be on the	5.12. I look forward with enjoyment to th	ings
<b>move</b> (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Very much indeed		As much as I ever did	
Quite a lot		Rather less than I used to	
Not very much		Definitely less than I used to	
Not at all		Hardly at all	
5.13. I get sudden feelings of panic		5.14. I can enjoy a good book or radio or T	ΓV
(Please tick <u>one</u> box)		programme (Please tick <u>one</u> box)	
Very often indeed		Often	

Not at all	Very seldom	
Not very often	Not often	
Quite often	Sometimes	
Very often indeed	Often	

# 6. Mental focus

Please respond to <u>each</u> item by marking one box per row.

Items		Rarely/ Not at All	Sometimes	Often	Almost Always
6.1	It is easy for me to concentrate on what I am doing.				
6.2	I am preoccupied by the future.				
6.3	I can tolerate emotional pain				
6.4	I can accept things I cannot change.				
6.5	I can usually describe how I feel at the moment in considerable detail.				
6.6	I am easily distracted.				
6.7	I am preoccupied by the past				
6.8	It's easy for me to keep track of my thoughts and feelings.				
6.9	I try to notice my thoughts without judging them				
6.10	I am able to accept the thoughts and feelings I have.				
6.11	I am able to focus on the present moment				
6.12	I am able to pay close attention to one thing for a long period of time.				

## 7. Pain acceptance

Below you will find a list of statements. Please rate the truth of each statement as it has applies to you by ticking one response, where 0 is 'never true' and 6 is 'always true'.

7.1. I am gettin	g on with the	business of livir	ng no matter w	hat my level of	<b>pain is</b> (Please	e tick <u>one</u> box)
Never true						Always true
0	1	2	3	4	5	6
<b>7.2. Although t</b> (Please tick <u>one</u>	-	anged, I am livir	ng a normal life	e despite my chr	onic pain	
Never true						Always true
0	1	2	3	4	5	6
7.3. I lead a ful	l life even thou	ıgh I have chror	n <mark>ic pain</mark> (Please	e tick <u>one</u> box)		
Never true						Always true
0	1	2	3	4	5	6
7.4. Keeping m	y pain level un	der control tak	es first priority	whenever I'm c	loing somethi	ng
(Please tick <u>one</u>	<u>e</u> box)					
Never true						Always true
0	1	2	3	4	5	6
7.5. Before I ca	n make any se	rious plans, I ha	ave to get some	e control over m	<b>iy pain</b> (Please	e tick <u>one</u> box)
Never true						Always true
0	1	2	3	4	5	6

#### Pain acceptance (continued...)

**7.6. When my pain increases, I can still take care of my responsibilities** (*Please tick <u>one</u> box*)

Participant ID	No.:					
Never true						Always true
0	1	2	3	4	5	6
7.7. I avoid put	tting myself in	situations wher	e my pain migl	h <b>t increase</b> (Plea	ase tick <u>one</u> bo	ox)
Never true						Always true
0	1	2	3	4	5	6
7.8. My worrie	s and fears ab	out what pain w	/ill do to me ar	<b>e true</b> (Please ti	ck <u>one</u> box)	
Never true						Always true
0	1	2	3	4	5	6

Participa	ant ID No.	:								
8. Pa	in in yo	ur daily	/ life							
8.1 In th	e past six	months, ł	now much	n has this p	pain interf	ered with	your daily	activities	rated on	a 1-10
scale wh	ere 0 is "N	lo interfer	ence" and	d 10 is "un	able to ca	rry on act	ivities"? (I	Please tick	( <u>one</u> box)	
No inter	ference						I	Unable to	carry on	activities
0	1	2	3	4	5	6	7	8	9	10
8.2 In th	e past six	months, ł	now much	has this p	pain chang	ged your a	bility to ta	ike part in	recreatio	nal,
social an	d familv a	ctivities w	here 0 is	"No chang	e" and 10	is "Extrer	ne change	e"? (Pleas	e tick <u>one</u>	box)
					,		0	•		'
No chan	ge								Extrem	e change
No chan 0	ge 1	2	3	4	5	6	7	8	Extrem 9	e change 10
	-	2	3	4	5	6	7	8		-
	-	2	3	4	5	6	7	8		-
0 	1								9	-
0	1 e past six	months h	ow much	has this p	ain chang	ed your at	Dility to we	Dork (inclue	9	-
0 	1 e past six prk) where	months h	ow much		ain chang	ed your at	Dility to we	Dork (inclue	9	10
0 8.3 In th housewo No chan	1 e past six ork) where ge	months h e 0 is "No d	ow much	has this p nd 10 is "E	ain chang	ed your at	Dility to we	Drk (incluc	9 D ding Extrem	10 e change
0 	1 e past six prk) where	months h	ow much	has this p	ain chang	ed your at	Dility to we	Dork (inclue	9	10
0 8.3 In th housewo No chan	1 e past six ork) where ge	months h e 0 is "No d	ow much	has this p nd 10 is "E	ain chang	ed your at	Dility to we	Drk (incluc	9 D ding Extrem	10
0 8.3 In th housewo No chan	1 e past six ork) where ge	months h e 0 is "No d	ow much	has this p nd 10 is "E	ain chang	ed your at	Dility to we	Drk (incluc	9 D ding Extrem	10

## 9. Confidence

Please indicate how **confident** you are that you can do the following things **<u>at present</u>**, despite the pain, where 0 is 'not at all confident' and 6 is 'completely confident'

\*\* Remember, these questions are not asking whether or not you have been doing these things, but rather how confident you are that you could do them **<u>at present</u>**, despite the pain

9.1. I can enjo	y things, despi	te the pain (Plea	ase tick <u>one</u> box	x)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
9.2. I can do m	nost household	chores (e.g. tid	lying up, washi	ing dishes etc), c	lespite the pair	n
(Please tick <u>on</u>	<u>e</u> box)					
Not confident					comple	etely confident
0	1	2	3	4	5	6
<b>9.3. I can soci</b> a (Please tick <u>on</u>		iends or family	members as o	ften as I used to	, despite the pa	ain
Not confident	<u> </u>				comple	etely confident
0	1	2	3	4	5	6
9.4. I can cope	with my pain	in most situatio	<b>ns</b> (Please tick	<u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
<b>9.5. I can do s</b> (Please tick <u>on</u>		ork, despite the	e pain ('work' iı	ncludes housew	ork, paid and u	Inpaid work)
Not confident					comple	etely confident
0	1	2	3	4	5	6
Confidence	(continued)	)				

**9.6.** I can still do many of the things I enjoy doing, such as hobbies or leisure activity, despite the pain (*Please tick <u>one</u> box*)

Participant ID	No.:					
Not confident					comple	etely confident
0	1	2	3	4	5	6
9.7. I can cope	with my pain	without medica	<b>tion</b> (Please tid	ck <u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
9.8. I can still a	accomplish mo	st of my goals i	n life, despite t	<b>he pain</b> (Please	tick <u>one</u> box)	
Not confident					comple	etely confident
0	1	2	3	4	5	6
9.9. I can live a	a normal lifesty	le, despite the	pain (Please tid	ck <u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
9.10. I can grad	dually become	more active de	spite the pain	(Please tick <u>one</u>	box)	
Not confident					comple	etely confident
0	1	2	3	4	5	6

# 10. Intimate life

Satief	action	
10.1	During <u>the past 4 weeks</u> , how satisfied were you with the frequency of your sexual activity (with or without a	Very satisfied
	partner)?	Somewhat satisfied
		Neither satisfied nor dissatisfied
		Somewhat dissatisfied
		Very dissatisfied
10.2	During the past 4 weeks, how satisfied in general have	Very satisfied
	you been with your ability to have and enjoy sex with/without a partner?	Somewhat satisfied
		Neither satisfied nor dissatisfied
		Somewhat dissatisfied
		Very dissatisfied
		I don't have a partner/
		I don't have sex without a
		partner
Orgas	m	
10.3	During <u>the past 4 weeks</u> , when you had sexual activity, how much of the time did you experience orgasm?	Never
	now much of the time did you experience orgasin:	Rarely
		Sometimes
		Sometimes Most of the time
		Most of the time
10.4	During <u>the past 4 weeks</u> , when you had sexual activity,	Most of the time All of the time
10.4	how much of the time did you feel satisfied after sexual	Most of the time All of the time I did not have sexual activity
10.4		Most of the time All of the time I did not have sexual activity Never
10.4	how much of the time did you feel satisfied after sexual	Most of the time All of the time I did not have sexual activity Never Rarely
10.4	how much of the time did you feel satisfied after sexual	Most of the time All of the time I did not have sexual activity Never Rarely Sometimes
10.4	how much of the time did you feel satisfied after sexual	Most of the time All of the time I did not have sexual activity Never Rarely Sometimes Most of the time
10.4	how much of the time did you feel satisfied after sexual	Most of the time All of the time I did not have sexual activity Never Rarely Sometimes Most of the time All of the time

	ied)	
Orgasm		
	<u>weeks,</u> when you experienced orgasm, ense was the orgasm on average?	Did not experience any orgasms Mild Moderate
		Strong
<b>10.6</b> During <u>the past 4</u> difficulty in having	<u>weeks</u> , how much of a problem was g an orgasm?	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity
Desire		
<b>10.7</b> During <u>the past 4</u> lack of sexual inte	<u>weeks,</u> how much of a problem was rest?	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity
<b>10.8</b> During <u>the past 4</u> (with or without a	<u>weeks.</u> how often did you desire sex partner?)	Never Once or twice 3-4 times 5-6 times More than 6 times
<b>10.9</b> During <u>the past 4</u> inability to relax a	<u>weeks</u> , how much of a problem was nd enjoy sex?	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity

Participant ID No.: Pelvic problem interference	
<b>10.10</b> During <u>the past 4 weeks</u> , to what extent has your bleeding interfered with your normal or regular sexual activity (with or without a partner)?	<ul> <li>Not at all</li> <li>Slightly</li> <li>Moderately</li> <li>Quite a bit</li> <li>Extremely</li> </ul>
<b>10.11</b> During <u>the past 4 weeks</u> , to what extent has your pelvic pain or discomfort interfered with your normal or regular sexual activity (with or without a partner)?	<ul> <li>Not at all</li> <li>Slightly</li> <li>Moderately</li> <li>Quite a bit</li> <li>Extremely</li> </ul>
<b>10.12</b> During <u>the past 4 weeks</u> , to what extent have your pelvic problems overall interfered with your normal or regular sexual activity (with or without a partner)?	<ul> <li>Not at all</li> <li>Slightly</li> <li>Moderately</li> <li>Quite a bit</li> <li>Extremely</li> </ul>

## **11. Additional details**

11.1. Which group best describes your ethnic group?	(please tick <u>one</u> box only)
---	-----------------------------------

White	Black	
Central Asian	Middle Eastern	
Southern Asian	Mixed	
Other ethnic group	Do not wish to say	

In order to understand better the mechanism you developed to cope with persistent pain, please answer below questions. The questionnaire is confidential and your answers will be used only for research purposes.

11.2 Do you smoke?	Yes 🗌 No 🗌
If <u>yes</u> , how many cigarettes per week?	
11.3. Do you drink alcohol?	Yes No
If <u>yes,</u> how many units of alcohol do you drink per week?	?units
UnitsAn average pint of beer/ cider (5%) = 3 unitsGuideA 250ml glass of wine (11%) = 3 unitsA single measure (25ml) of spirits (e.g. vodka or gin)	= 1 unit

### THANK YOU FOR FILLING IN THE QUESTIONNAIRE



### FOLLOW-UP QUESTIONNAIRE

# Confidential

Dear Participant,

The aim of this questionnaire is find out your current health state and get to know how you feel about living with chronic pain before you participate in the MEMPHIS study. You don't have to answer

any question you are not comfortable with but we would appreciate you completing as much as possible.

Please read the questions carefully. If you have any difficulties with the questionnaire please contact the study team.

Please write date completed: DD / MMM / YYYY

## 1. General Health

These questions ask for your views about your health. This information will help keep track of how you feel and how well you are able to do your usual activities.

Please answer <u>every question</u> by marking the answer as indicated. If you are unsure about how to answer a question, please give the best answer you can. When answering the question please asses how you felt <u>in the last four weeks</u>.

1.1. In general, wou	ıld you say your health	is? (Please tick <u>one</u>	box)	
Excellent	Very good	Good	Fair	Poor

<b>1.2. Compared to one year ago, how would you rate your health in general now?</b> ( <i>Please tick one box</i> )						
Much better now than one year ago	Somewhat better now than one year ago	About the same	Somewhat worse now than one year ago	Much worse than one year ago		

**1.3** The following items are about activities you might do during a typical day. Does your health now limit you in these activities? If so how much?

a. Vigorous activities, such as running, lifti	ng	b. Moderate activities, such as moving a	table,
heavy objects, participating in strenuous sports		pushing a vacuum cleaner, bowling, or playing	
(Please tick <u>one</u> box)		<b>golf</b> (Please tick <u>one</u> box)	
Yes, limited a lot		Yes, limited a lot	
Yes, limited a little		Yes, limited a little	
No, not limited at all		No, not limited at all	
c. Lifting or carrying groceries		d. Climbing several flights of stairs	
(Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Yes, limited a lot		Yes, limited a lot	
Yes, limited a little		Yes, limited a little	
No, not limited at all		No, not limited at all	

e. Climbing one flight of stairs	f. Bending, kneeling or stooping
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all
g. Walking more than a mile	h. Walking several hundred yards
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all
i. Walking one hundred yards	j. Bathing or dressing yourself
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all

**1.4** During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?

a. Cut down the amount of time you spen	t on	b. Accomplished less than you would like	
work or other activities (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	

### General Health continued...

<b>c. Were limited in the kind of work or other</b> activities (Please tick <u>one</u> box)		d. Had difficulty performing the work or other activities (for example, it took extra effort) (Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	

Participant ID No.:		
None of the time	None of the time	

**1.5** During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?

a. Cut down the amount of time you spent on	n	b. Accomplished less than you would like	
work or other activities (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	
c. Did work or other activities less carefully th	nan		
<b>usual</b> (Please tick <u>one</u> box)			
All of the time			
Most of the time			
Some of the time			
A little of the time			
None of the time			

Participant	ID No.:

		extent has your physical ivities with family, friend		-
Not at all	Slightly	Moderately	Quite a bit	Extremely
1.7. How much bo	odily pain have you h	ad during the <u>past 4 wee</u>	<u>ks</u> ? (Please tick <u>one</u>	box)
	.,		4- C	
None	Very mild	Mild Modera	te Severe	Very severe
None	Very mild	Mild Modera		very severe
None	Very mild	Mild Modera		
1.8. During the pa	ast 4 weeks, how mu	Mild Modera		
1.8. During the pa	ast 4 weeks, how mu	ch did pain interfere with		

**1.9.** These questions are about how you feel and how things have been with you during <u>the past 4</u> <u>weeks</u>. For each question, please give the answer that comes closest to the way you have been feeling.

a. Did you feel full of life? (Please tick one b	oox)	b. Have you been very nervous?	
		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	
c. Have you felt so down in the dumps that	:	d. Have you felt calm and peaceful?	
nothing could cheer you up? (Please tick or	<u>ne</u> box)	(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	

### General Health continued...

e. Did you have lots of energy?	f. Have you felt downhearted and depressed?
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)

Participant ID No.:	
All of the time	All of the time
Most of the time	Most of the time
Some of the time	Some of the time
A little of the time	A little of the time
None of the time	None of the time
g. Did you feel worn out? (Please tick <u>one</u> box)	h. Have you been happy? (Please tick <u>one</u> box)
All of the time	All of the time
Most of the time	Most of the time
Some of the time	Some of the time
A little of the time	A little of the time
None of the time	None of the time
i. Did you feel tired? (Please tick <u>one</u> box)	
All of the time	
Most of the time	
Some of the time	
A little of the time	
None of the time	
1.10. During the past 4 weeks, how much of the tin	ne has your physical health or emotional problems
interfered with your social activities (like visiting fri	ends, relatives, etc.?) (Please tick one box)

All of the time	Most of the time	Some of the time	A little of the time	None of the time

1.11 How true or false is each of the following statements for you?

a. I seem to get sick a little easier than oth	er	b. I am as healthy as anybody I know	
<b>people</b> (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Definitely true		Definitely true	
Mostly true		Mostly true	
Don't know		Don't know	
Mostly false		Mostly false	
Definitely false		Definitely false	
c. I expect my health to get worse		d. My health is excellent	
(Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Definitely true		Definitely true	
Mostly true		Mostly true	
Don't know		Don't know	
Mostly false		Mostly false	
Definitely false		Definitely false	

# 2. Your main symptoms

**2.1.** Please circle the number to show how severe your problem has been IN THE LAST WEEK. This should be YOUR opinion, no-one else's! Please use the same symptoms and activity as on the baseline questionnaire.

<u>SYMPTOM 1</u> (specify):	0 As good as it could be	1	2	3	4		6 Dad as it could be
<u>SYMPTOM 2</u> (specify):	0 As good as it could be	1	2	3	4		6 Dad as it could be
ACTIVITY (specify):	0 As good as it could be	1	2	3	4		6 Dad as it could be
<b>2.2.</b> How would you rat	e your general	feeling	of wellbeing o	luring <u>the</u>	<u>last week</u> ?		
FEELING OF WELLBEING	0 As good as it could be	1	2	3	4		6 Dad as it could be
<b>2.3</b> . If an important new	symptom has a	ppeare	ed please desc	ribe it and	mark how ba	ad it is belo	w.
2.3. If an important new symptom has appeared please describe it and mark how bad it is below.         SYMPTOM 3       0       1       2       3       4       5       6         (specify):							

<u>IF YES</u>

### 2.5. a. Please write in name of medication, and how much a day/week

Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)

## 3. Mood

Please read each item and tick the reply which comes closest to how you have been feeling <u>in the</u> <u>past week</u>.

Don't take too long over your replies: your immediate response to each item will probably be more accurate than a long thought out response.

<b>3.1. I feel tense or "wound up"</b> (Please tick <u>one</u>		3.2. I still enjoy the things I used to enjoy	
box)		(Please tick <u>one</u> box)	
Most of the time		Definitely as much	
A lot of the time		Not quite as much	
From time to time, occasionally		Only a little	
Not at all		Hardly at all	

<b>3.3. I get a sort of frightened feeling as if</b> <b>something awful is about to happen</b> ( <i>Please tick</i> <u>one</u> box)	<b>3.4. I can laugh and see the funny side of things</b> ( <i>Please tick <u>one</u> box</i> )
Very definitely and quite badly	As much as I always could
Yes, but not too badly	Not quite so much now
A little but it doesn't worry me	Definitely not so much now
Not at all	Not at all

3.5. Worrying thoughts go through my mind		<b>3.6. I feel cheerful</b> (Please tick <u>one</u> box)	
(Please tick <u>one</u> box)			
A great deal of the time		Not at all	
A lot of the time		Not often	
From time to time but not too often		Sometimes	
Only occasionally		Most of the time	

#### Mood continued...

3.7. I can sit at ease and feel relaxed	3.8. I feel as if I am slowed down	
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)	
Definitely	Nearly all of the time	
Usually	Very often	
Not often	Sometimes	
Not at all	Not at all	

3.9. I get a sort of frightened feeling like		3.10. I have lost interest in my appearance		
"butterflies" in the stomach (Please tick one box)		(Please tick <u>one</u> box)		
Not at all		Definitely		
Occasionally		I don't take as much care as I should		
Quite often		I may not take quite as much care		
Very often		I take just as much care as ever		

3.11. I feel restless as though I have to be on the		3.12. I look forward with enjoyment to things		
<b>move</b> (Please tick <u>one</u> box)		(Please tick <u>one</u> box)		
Very much indeed	]	As much as I ever did		
Quite a lot		Rather less than I used to		
Not very much		Definitely less than I used to		
Not at all		Hardly at all		

3.13. I get sudden feelings of panic		3.14. I can enjoy a good book or radio or TV		
(Please tick <u>one</u> box)		programme (Please tick <u>one</u> box)		
Very often indeed		Often		
Quite often		Sometimes		
Not very often		Not often		
Not at all		Very seldom		

## 4. Mental focus

Please respond to <u>each</u> item by marking one box per row.

Items		Rarely/ Not at All	Sometimes	Often	Almost Always
4.1	It is easy for me to concentrate on what I am doing.				
4.2	I am preoccupied by the future.				
4.3	I can tolerate emotional pain				
4.4	I can accept things I cannot change.				
4.5	I can usually describe how I feel at the moment in considerable detail.				
4.6	I am easily distracted.				
4.7	I am preoccupied by the past				
4.8	It's easy for me to keep track of my thoughts and feelings.				
4.9	I try to notice my thoughts without judging them				
4.10	I am able to accept the thoughts and feelings I have.				
4.11	I am able to focus on the present moment				
4.12	I am able to pay close attention to one thing for a long period of time.				

## 5. Pain acceptance

Below you will find a list of statements. Please rate the truth of each statement as it has applies to you by ticking one response, where 0 is 'never true' and 6 is 'always true'.

5.1. I am getting on with the business of living no matter what my level of pain is (Please tick one box)								
Never true						Always true		
0	1	2	3	4	5	6		
-	<b>5.2. Although things have changed, I am living a normal life despite my chronic pain</b> ( <i>Please tick <u>one</u> box</i> )							
Never true						Always true		
0	1	2	3	4	5	6		
5.3. I lead a full life even though I have chronic pain (Please tick <u>one</u> box)								
Never true						Always true		
0	1	2	3	4	5	6		
<b>5.4. Keeping my pain level under control takes first priority whenever I'm doing something</b> ( <i>Please tick <u>one</u> box</i> )								
Never true						Always true		
0	1	2	3	4	5	6		
5.5. Before I can make any serious plans, I have to get some control over my pain (Please tick one box)								
Never true Always true								
0	1	2	3	4	5	6		

#### Pain acceptance (continued...)

**5.6. When my pain increases, I can still take care of my responsibilities** (*Please tick one box*)

Participant ID	No.:							
Never true						Always true		
0	1	2	3	4	5	6		
5.7. I avoid put	5.7. I avoid putting myself in situations where my pain might increase (Please tick one box)							
Never true						Always true		
0	1	2	3	4	5	6		
5.8. My worrie	5.8. My worries and fears about what pain will do to me are true (Please tick one box)							
Never true						Always true		
0	1	2	3	4	5	6		

Participa	ant ID No.:	:								
<b>6.</b> Pai	6. Pain in your daily life									
6.1 In the	6.1 In the past six months, how much has this pain interfered with your daily activities rated on a 1-10									
scale wh	scale where 0 is "No interference" and 10 is "unable to carry on activities"? (Please tick one box)									
No inter	ference							Unable to	carry on a	activities
0	1	2	3	4	5	6	7	8	9	10
6.2 In the	e past six	months, h	now much	has this p	pain chang	ged your a	bility to ta	ike part in	recreation	nal,
social an	d family a	ctivities w	here 0 is '	'No chang	e" and 10	is "Extrer	ne change	e"? (Please	e tick <u>one</u> l	box)
No chan	ge								Extrem	e change
0	1	2	3	4	5	6	7	8	9	10
6.3 In th	e past six	months h	ow much	has this p	ain change	ed your al	oility to we	ork (incluc	ding	
housewo	ork) where	e 0 is "No o	change" a	nd 10 is "E	Extreme cl	hange"? (I	Please tick	( <u>one</u> box)		
No chan	ge								Extrem	e change
0	1	2	3	4	5	6	7	8	9	10

## 7. Confidence

Please indicate how **confident** you are that you can do the following things **<u>at present</u>**, despite the pain, where 0 is 'not at all confident' and 6 is 'completely confident'

\*\* Remember, these questions are not asking whether or not you have been doing these things, but rather how confident you are that you could do them **<u>at present</u>**, despite the pain

7.1. l can enjo	y things, despi	te the pain (Plea	ase tick <u>one</u> box	x)				
Not confident					comple	etely confident		
0	1	2	3	4	5	6		
7.2. I can do most household chores (e.g. tidying up, washing dishes etc), despite the pain								
(Please tick <u>on</u>	<u>e</u> box)							
Not confident					comple	etely confident		
0	1	2	3	4	5	6		
<b>7.3. I can socialise with my friends or family members as often as I used to, despite the pain</b> ( <i>Please tick <u>one</u> box</i> )								
Not confident					comple	etely confident		
О	1	2	3	4	5	6		
7.4. I can cope	with my pain	in most situatio	<b>ns</b> (Please tick	<u>one</u> box)				
Not confident					comple	etely confident		
0	1	2	3	4	5	6		
<b>7.5. I can do s</b> (Please tick <u>on</u>		ork, despite the	e pain ('work' iı	ncludes housew	ork, paid and u	Inpaid work)		
Not confident					comple	etely confident		
0	1	2	3	4	5	6		
Confidence	(continued)	)						

**7.6.** I can still do many of the things I enjoy doing, such as hobbies or leisure activity, despite the pain (*Please tick <u>one</u> box*)

Participant ID	No.:					
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.7. I can cope	with my pain	without medica	tion (Please tid	ck <u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.8. I can still a	accomplish mo	st of my goals ii	n life, despite t	<b>he pain</b> (Please	tick <u>one</u> box)	
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.9. I can live a	a normal lifesty	le, despite the	pain (Please tid	ck <u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.10. I can grad	dually become	more active de	spite the pain	(Please tick <u>one</u>	box)	
Not confident					comple	etely confident
0	1	2	3	4	5	6

### 8. Intimate life

Satisfaction		
<b>8.1</b> During <u>the past 4 weeks</u> , how satisfied were you with the frequency of your sexual activity (with or without a		Very satisfied
partner)?		Somewhat satisfied
		Neither satisfied nor dissatisfied
		Somewhat dissatisfied
		Very dissatisfied
<b>8.2</b> During the past 4 weeks, how satisfied in general have		Very satisfied
you been with your ability to have and enjoy sex with/without a partner?		Somewhat satisfied
		Neither satisfied nor dissatisfied
		Somewhat dissatisfied
		Very dissatisfied
		I don't have a partner/
		I don't have sex without a partner
Orgasm		
<b>8.3</b> During the past 4 weeks, when you had sexual activity,		Never
how much of the time did you experience orgasm?		Rarely
		Sometimes
		Most of the time
		All of the time
		I did not have sexual activity
<b>8.4</b> During the past 4 weeks, when you had sexual activity,		Never
how much of the time did you feel satisfied after sexual activity?		Rarely
		Sometimes
		Most of the time
		All of the time
		I did not have sexual activity
Intimate life (continued)		

Part	icipant ID No.:	
Orga	asm	
8.5	During <u>the past 4 weeks</u> , when you experienced orgasm, how strong or intense was the orgasm on average?	Did not experience any orgasms Mild Moderate Strong
8.6	During <u>the past 4 weeks</u> , how much of a problem was difficulty in having an orgasm?	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity
Desi		
8.7	During <u>the past 4 weeks</u> , how much of a problem was lack of sexual interest? During <u>the past 4 weeks</u> , how often did you desire sex	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity Never
	(with or without a partner?)	Once or twice 3-4 times 5-6 times More than 6 times
8.9	During <u>the past 4 weeks</u> , how much of a problem was inability to relax and enjoy sex?	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity
	mate life (continued) ic problem interference	

	During <u>the past 4 weeks,</u> to what extent has your		Not at all
	bleeding interfered with your normal or regular sexual activity (with or without a partner)?		Slightly
			Moderately
			Quite a bit
			Extremely
pain or discomfort interfe	During <u>the past 4 weeks,</u> to what extent has your pelvic		Not at all
	pain or discomfort interfered with your normal or regular sexual activity (with or without a partner)?		Slightly
			Moderately
			Quite a bit
			Extremely
	During the past 4 weeks, to what extent have your pelvic		Not at all
	problems overall interfered with your normal or regular sexual activity (with or without a partner)?		Slightly
			Moderately
			Quite a bit
			Extremely

### THANK YOU FOR FILLING IN THE QUESTIONNAIRE





## **APP USABILITY QUESTIONNAIRE**

# APP USABILITY QUESTIONNAIRE Confidential

Dear Participant,

The following questionnaire will explore your current experience using the smartphone app. It will usually take 5 to 10 minutes to complete. It is comprised of **two parts**:

- Part 1: consists of 10 brief questions with five response options
- Part 2: consists of 10 brief questions, with response options and comments sections

We would appreciate you completing as much as possible.

Please read the questions carefully. If you have any difficulties with the questionnaire please contact the study team.

The questionnaire is confidential and your answers will be used only for research purposes.

Please write date completed: DD / MMM / YYYY

<u>PART 1</u>

System Usability Scale (SUS)

1. I think that I wou	ald like to use this	app frequently (Please	e tick <u>one</u> box)					
Totally	Somewhat	Neither agree	Somewhat	Totally				
Participant ID No.: disagree	disagree	nor disagree	agree	agree				
1	2	3	4	5				
2. I found the app u	Innecessarily com	plex (Please tick <u>one</u> b	ox)					
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
1	2	3	4	5				
3. I thought the app	3. I thought the app was easy to use (Please tick <u>one</u> box)							
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
1	2	3	4	5				
4. I think I would ne (Please tick <u>one</u> box	4. I think I would need the support of a technical person to be able to use this app (Please tick one box)							
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
1	2	3	4	5				
5. I found the various functions in the app worked well together (Please tick <u>one</u> box)								
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
1	2	3	4	5				
6. I thought there w	vas too much inco	nsistency in this app (I	Please tick <u>one</u> box)					
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
1	2	3	4	5				
7. I would imagine	that most people	would learn to use thi	s app very quickly (Ple	ease tick <u>one</u> box)				
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
1	2	3	4	5				
8. I found the app v	very cumbersome	to use (Please tick <u>one</u>	box)					
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	Disagree	nor disagree	agree	agree				
1	2	3	4	5				
9. I felt very confide	ent using the app	(Please tick <u>one</u> box)						
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	Disagree	nor disagree	agree	agree				

Partici	pant	D No.: _

Final Score (Only for research team)

		-

## <u>PART 2</u>

# **App Satisfaction Measurement**

1. It is easy to access the app whenever I wanted to use it (Please tick <u>one</u> box)								
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
2. After being show	n, I understood how	the app would work (P	lease tick <u>one</u> box)					
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
3. It was fun to wor	3. It was fun to work with the app (Please tick <u>one</u> box)							
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
4. The app worked	well (Please tick <u>one</u>	box)						
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
5. It was easy to we	ork through the modu	ıles (Please tick <u>one</u> bo	х)					
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
6. The number of m	nodules was annoying	g (Please tick <u>one</u> box)						
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
7. The modules we	re well-displayed on I	my smartphone (Please	e tick <u>one</u> box)					

Participant ID No.: _								
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
8. Using the app was	8. Using the app was difficult because of my daily activities (Please tick <u>one</u> box)							
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
9. Using the app too	k too long (Please tid	ck <u>one</u> box)						
Totally	Somewhat	Neither agree	Somewhat	Totally				
disagree	disagree	nor disagree	agree	agree				
10. Did you use the a	10. Did you use the app every day? If <u>no</u> , why: (Please tick one box)							
No       If no, please say why:								
MEMPHIS Feasibility study								

## **6 MONTH FOLLOW-UP QUESTIONNAIRE**

## Confidential

Dear Participant,

The aim of this questionnaire is to find out your current health state and get to know how you feel about living with chronic pain before you participate in the MEMPHIS study. You don't have to answer

any question you are not comfortable with but we would appreciate you completing as much as possible.

Please read the questions carefully. If you have any difficulties with the questionnaire please contact the study team.

Please write date completed: DD / MMM / YYYY

## 9. General Health

These questions ask for your views about your health. This information will help keep track of how you feel and how well you are able to do your usual activities.

Please answer <u>every question</u> by marking the answer as indicated. If you are unsure about how to answer a question, please give the best answer you can. When answering the question please asses how you felt <u>in the last four weeks</u>.

<b>1.1. In general, would you say your health is?</b> (Please tick <u>one</u> box)					
Excellent	Very good	Good	Fair	Poor	

<b>1.2. Compared to one year ago, how would you rate your health in general now?</b> (Please tick <u>one</u> box)				
Much better now than one year ago	Somewhat better now than one year ago	About the same	Somewhat worse now than one year ago	Much worse than one year ago

**1.3** The following items are about activities you might do during a typical day. Does your health now limit you in these activities? If so how much?

a. Vigorous activities, such as running, lifti	ng	b. Moderate activities, such as moving a	table,
heavy objects, participating in strenuous s	ports	pushing a vacuum cleaner, bowling, or p	olaying
(Please tick <u>one</u> box)		golf (Please tick <u>one</u> box)	
Yes, limited a lot		Yes, limited a lot	
Yes, limited a little		Yes, limited a little	
No, not limited at all		No, not limited at all	
c. Lifting or carrying groceries		d. Climbing several flights of stairs	
(Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Yes, limited a lot		Yes, limited a lot	
Yes, limited a little		Yes, limited a little	
No, not limited at all		No, not limited at all	

## General Health continued...

e. Climbing one flight of stairs	f. Bending, kneeling or stooping
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all
g. Walking more than a mile	h. Walking several hundred yards
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all
i. Walking one hundred yards	j. Bathing or dressing yourself
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)
Yes, limited a lot	Yes, limited a lot
Yes, limited a little	Yes, limited a little
No, not limited at all	No, not limited at all

**1.4** During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities as a result of your physical health?

a. Cut down the amount of time you spent on		b. Accomplished less than you would like	
work or other activities (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	

### General Health continued...

<b>c. Were limited in the kind of work or other</b> <b>activities</b> ( <i>Please tick <u>one</u> box</i> )	d. Had difficulty performing the work or ot activities (for example, it took extra effort) (Please tick <u>one</u> box)	
All of the time	All of the time	
Most of the time	Most of the time	
Some of the time	Some of the time	
A little of the time	A little of the time	

Participant ID No.:		
None of the time	None of the time	

**1.5** During the **past 4 weeks**, have you had any of the following problems with your work or other regular daily activities as a result of any emotional problems (such as feeling depressed or anxious)?

a. Cut down the amount of time you spent on		b. Accomplished less than you would like	
work or other activities (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	
c. Did work or other activities less carefully th	nan		
<b>usual</b> (Please tick <u>one</u> box)			
All of the time			
Most of the time			
Some of the time			
A little of the time			
None of the time			

Participant	ID No.:

General Health continued...

		extent has your physical ivities with family, friend		-
Not at all	Slightly	Moderately	Quite a bit	Extremely
1.7. How much bo	odily pain have you h	ad during the <u>past 4 wee</u>	<u>ks</u> ? (Please tick <u>one</u>	box)
	.,		4- C	
None	Very mild	Mild Modera	te Severe	Very severe
None	Very mild	Mild Modera		very severe
None	Very mild	Mild Modera		
1.8. During the pa	ast 4 weeks, how mu	Mild Modera		
1.8. During the pa	ast 4 weeks, how mu	ch did pain interfere with		

**1.9.** These questions are about how you feel and how things have been with you during <u>the past 4</u> <u>weeks</u>. For each question, please give the answer that comes closest to the way you have been feeling.

a. Did you feel full of life? (Please tick one b	oox)	b. Have you been very nervous?	
		(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	
c. Have you felt so down in the dumps that	:	d. Have you felt calm and peaceful?	
nothing could cheer you up? (Please tick or	<u>ne</u> box)	(Please tick <u>one</u> box)	
All of the time		All of the time	
Most of the time		Most of the time	
Some of the time		Some of the time	
A little of the time		A little of the time	
None of the time		None of the time	

### General Health continued...

e. Did you have lots of energy?	f. Have you felt downhearted and depressed?
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)

Participant ID No.:	
All of the time	All of the time
Most of the time	Most of the time
Some of the time	Some of the time
A little of the time	A little of the time
None of the time	None of the time
g. Did you feel worn out? (Please tick <u>one</u> box)	h. Have you been happy? (Please tick <u>one</u> box)
All of the time	All of the time
Most of the time	Most of the time
Some of the time	Some of the time
A little of the time	A little of the time
None of the time	None of the time
i. Did you feel tired? (Please tick <u>one</u> box)	
All of the time	
Most of the time	
Some of the time	
A little of the time	
None of the time	
1.10. During the past 4 weeks, how much of the tin	ne has your physical health or emotional problems
interfered with your social activities (like visiting fri	ends, relatives, etc.?) (Please tick one box)

All of the time	Most of the time	Some of the time	A little of the time	None of the time

General Health continued...

1.11 How true or false is each of the following statements for you?

a. I seem to get sick a little easier than oth	er	b. I am as healthy as anybody I know	
<b>people</b> (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Definitely true		Definitely true	
Mostly true		Mostly true	
Don't know		Don't know	
Mostly false		Mostly false	
Definitely false		Definitely false	
c. I expect my health to get worse		d. My health is excellent	
(Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Definitely true		Definitely true	
Mostly true		Mostly true	
Don't know		Don't know	
Mostly false		Mostly false	
Definitely false		Definitely false	

# **10.** Your main symptoms

**2.1.** Please circle the number to show how severe your problem has been IN THE LAST WEEK. This should be YOUR opinion, no-one else's! Please use the same symptoms and activity as on the baseline questionnaire.

·							
SYMPTOM 1	0	1	2	3	4	5	6
(specify):							
	As good as	it					oad as it
	could be						could be
SYMPTOM 2	0	1	2	3	4	5	6
(specify):							
	As good as	it				As b	oad as it
	could be						could be
ACTIVITY (specify):	0	1	2	3	4	5	6
	As good as	:					bad as it
	could be	11					could be
<b>2.2.</b> How would you rat	e your genera	al feeling	of wellbeing	during <u>the l</u>	<u>ast week</u> ?		
FEELING OF	0	1	2	3	4	5	6
WELLBEING							
	As good as	it				Δς	oad as it
	could be	it.					could be
2.3. If an important new	symptom has	appeare	d please deso	cribe it and	mark how b	ad it is belo	w.
SYMPTOM 3	0	1	2	3	4	5	6
(specify):							
	As good as	it					bad as it
	could be				<u> </u>		could be
The treatment you are re					-		
else that you think is imp		-	=	-		things happ	ening
		ovorio at	IT VOU DOOD N	nore space)			
in your life, please write	it here (write	Uverieai	n you need n	fore space,			
in your me, please write	it here (write	ovenear	n you need n				
in your me, please write	it here (write	Overlear	n you need n				

<u>IF YES</u>

### 2.5. a. Please write in name of medication, and how much a day/week

Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)
Name:	Dose:	mg	day/week (please circle)

## 11. Mood

Please read each item and tick the reply which comes closest to how you have been feeling <u>in the</u> <u>past week</u>.

Don't take too long over your replies: your immediate response to each item will probably be more accurate than a long thought out response.

<b>3.1. I feel tense or "wound up"</b> (Please tick <u>one</u>	3.2. I still enjoy the things I used to enjoy	
box)	(Please tick <u>one</u> box)	
Most of the time	Definitely as much	
A lot of the time	Not quite as much	
From time to time, occasionally	Only a little	
Not at all	Hardly at all	

3.3. I get a sort of frightened feeling as if	3.4. I can laugh and see the funny side of things
something awful is about to happen (Please tick	(Please tick <u>one</u> box)
<u>one</u> box)	
Very definitely and quite badly	As much as I always could
Yes, but not too badly	Not quite so much now
A little but it doesn't worry me	Definitely not so much now
Not at all	Not at all

3.5. Worrying thoughts go through my mind		<b>3.6. I feel cheerful</b> (Please tick <u>one</u> box)	
(Please tick <u>one</u> box)			
A great deal of the time		Not at all	
A lot of the time		Not often	
From time to time but not too often		Sometimes	
Only occasionally		Most of the time	

#### Mood continued...

3.7. I can sit at ease and feel relaxed	3.8. I feel as if I am slowed down	
(Please tick <u>one</u> box)	(Please tick <u>one</u> box)	
Definitely	Nearly all of the time	
Usually	Very often	
Not often	Sometimes	
Not at all	Not at all	

3.9. I get a sort of frightened feeling like		3.10. I have lost interest in my appearance	9
"butterflies" in the stomach (Please tick on	<u>e</u> box)	(Please tick <u>one</u> box)	
Not at all		Definitely	
Occasionally		I don't take as much care as I should	
Quite often		I may not take quite as much care	
Very often		I take just as much care as ever	

3.11. I feel restless as though I have to be on the		3.12. I look forward with enjoyment to the	nings
<b>move</b> (Please tick <u>one</u> box)		(Please tick <u>one</u> box)	
Very much indeed	]	As much as I ever did	
Quite a lot		Rather less than I used to	
Not very much		Definitely less than I used to	
Not at all		Hardly at all	

3.13. I get sudden feelings of panic		3.14. I can enjoy a good book or radio or TV	
(Please tick <u>one</u> box)		programme (Please tick <u>one</u> box)	
Very often indeed		Often	
Quite often		Sometimes	
Not very often		Not often	
Not at all		Very seldom	

## **12.** Mental focus

Please respond to <u>each</u> item by marking one box per row.

Items		Rarely/ Not at All	Sometimes	Often	Almost Always
4.1	It is easy for me to concentrate on what I am doing.				
4.2	I am preoccupied by the future.				
4.3	I can tolerate emotional pain				
4.4	I can accept things I cannot change.				
4.5	I can usually describe how I feel at the moment in considerable detail.				
4.6	I am easily distracted.				
4.7	I am preoccupied by the past				
4.8	It's easy for me to keep track of my thoughts and feelings.				
4.9	I try to notice my thoughts without judging them				
4.10	I am able to accept the thoughts and feelings I have.				
4.11	I am able to focus on the present moment				
4.12	I am able to pay close attention to one thing for a long period of time.				

## 13. Pain acceptance

Below you will find a list of statements. Please rate the truth of each statement as it has applies to you by ticking one response, where 0 is 'never true' and 6 is 'always true'.

5.1. I am gettin	g on with the	business of livir	ng no matter w	hat my level of	<b>pain is</b> (Please	e tick <u>one</u> box)
Never true						Always true
0	1	2	3	4	5	6
<b>5.2. Although t</b> (Please tick <u>one</u>		anged, I am livir	ng a normal life	e despite my chr	onic pain	
Never true						Always true
0	1	2	3	4	5	6
5.3. I lead a ful	l life even thou	ıgh I have chror	n <mark>ic pain</mark> (Please	e tick <u>one</u> box)		
Never true						Always true
0	1	2	3	4	5	6
5.4. Keeping m	y pain level un	der control tak	es first priority	whenever I'm c	loing somethi	ng
(Please tick <u>one</u>	<u>e</u> box)					
Never true						Always true
0	1	2	3	4	5	6
5.5. Before I ca	n make any se	rious plans, I ha	ave to get some	e control over m	<b>iy pain</b> (Please	e tick <u>one</u> box)
Never true						Always true
0	1	2	3	4	5	6

#### Pain acceptance (continued...)

**5.6. When my pain increases, I can still take care of my responsibilities** (*Please tick <u>one</u> box*)

Participant ID	No.:					
Never true						Always true
0	1	2	3	4	5	6
5.7. I avoid put	tting myself in	situations whe	re my pain migl	h <b>t increase</b> (Plea	ase tick <u>one</u> bo	ж)
Never true						Always true
0	1	2	3	4	5	6
5.8. My worrie	es and fears ab	out what pain v	vill do to me ar	<b>e true</b> (Please ti	ick <u>one</u> box)	
Never true						Always true
0	1	2	3	4	5	6

	a <b>nt ID No.</b> Pain in you									
			now much ence" and							a 1-10
No inter	ference						I	Unable to	carry on a	activities
0	1	2	3	4	5	6	7	8	9	10
	-		now much here 0 is "		-					
No chan	ge								Extreme	e change
0 □	1	2 □	3 □	4	5	6	7	8	<b>9</b>	<b>10</b>
	-		ow much   change" ar		-				ling	
No chan	ge								Extreme	e change
0	1	2	3	4	5	6	7	8	9	10

## 15. Confidence

Please indicate how **confident** you are that you can do the following things **<u>at present</u>**, despite the pain, where 0 is 'not at all confident' and 6 is 'completely confident'

\*\* Remember, these questions are not asking whether or not you have been doing these things, but rather how confident you are that you could do them **<u>at present</u>**, despite the pain

7.1. I can enjo	y things, despi	te the pain (Plea	ase tick <u>one</u> box	x)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.2. I can do m	nost household	chores (e.g. tid	lying up, washi	ing dishes etc), c	lespite the pair	n
(Please tick <u>on</u>	<u>e</u> box)					
Not confident					comple	etely confident
0	1	2	3	4	5	6
<b>7.3. I can socia</b> (Please tick <u>on</u>		iends or family	members as o	ften as I used to	, despite the pa	ain
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.4. I can cope	with my pain	in most situatio	ons (Please tick	<u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
<b>7.5. I can do s</b> (Please tick <u>on</u>		ork, despite the	e pain ('work' i	ncludes housew	ork, paid and u	Inpaid work)
Not confident					comple	etely confident
0	1	2	3	4	5	6
Confidence (	(continued)	)				

**7.6.** I can still do many of the things I enjoy doing, such as hobbies or leisure activity, despite the pain (*Please tick <u>one</u> box*)

Participant ID	No.:					
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.7. I can cope	with my pain	without medica	<b>tion</b> (Please tid	ck <u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.8. I can still a	accomplish mo	st of my goals i	n life, despite t	<b>he pain</b> (Please	tick <u>one</u> box)	
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.9. I can live a	a normal lifesty	le, despite the	pain (Please tid	ck <u>one</u> box)		
Not confident					comple	etely confident
0	1	2	3	4	5	6
7.10. I can grad	dually become	more active de	spite the pain	(Please tick <u>one</u>	box)	
Not confident					comple	etely confident
0	1	2	3	4	5	6

### **16.** Intimate life

Satisfaction		
<b>8.1</b> During <u>the past 4 weeks</u> , how satisfied were you with th frequency of your sexual activity (with or without a	e 🗌	Very satisfied
partner)?		Somewhat satisfied
		Neither satisfied nor dissatisfied
		Somewhat dissatisfied
		Very dissatisfied
<b>8.2</b> During <u>the past 4 weeks</u> , how satisfied in general have		Very satisfied
you been with your ability to have and enjoy sex with/without a partner?		Somewhat satisfied
		Neither satisfied nor dissatisfied
		Somewhat dissatisfied
		Very dissatisfied
		I don't have a partner/
		I don't have sex without a partner
Orgasm		
<b>8.3</b> During the past 4 weeks, when you had sexual activity,		Never
how much of the time did you experience orgasm?		Rarely
		Sometimes
		Most of the time
		All of the time
		I did not have sexual activity
<b>8.4</b> During the past 4 weeks, when you had sexual activity,		Never
how much of the time did you feel satisfied after sexual activity?		Rarely
		Sometimes
		Most of the time
		All of the time
		I did not have sexual activity
Intimate life (continued)		

Part	icipant ID No.:	
Orga	asm	
8.5	During <u>the past 4 weeks</u> , when you experienced orgasm, how strong or intense was the orgasm on average?	Did not experience any orgasms Mild Moderate Strong
8.6	During <u>the past 4 weeks</u> , how much of a problem was difficulty in having an orgasm?	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity
Desi		
8.7	During <u>the past 4 weeks</u> , how much of a problem was lack of sexual interest? During <u>the past 4 weeks</u> , how often did you desire sex	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity Never
	(with or without a partner?)	Once or twice 3-4 times 5-6 times More than 6 times
8.9	During <u>the past 4 weeks</u> , how much of a problem was inability to relax and enjoy sex?	Not a problem Little of a problem Somewhat of a problem Very much of a problem I did not have sexual activity
	mate life (continued) ic problem interference	

Parti	cipant ID No.:	
8.10	During the past 4 weeks, to what extent has your	Not at all
	bleeding interfered with your normal or regular sexual activity (with or without a partner)?	Slightly
		Moderately
		Quite a bit
		Extremely
8.11	During the past 4 weeks, to what extent has your pelvic	Not at all
	pain or discomfort interfered with your normal or regular sexual activity (with or without a partner)?	Slightly
		Moderately
		Quite a bit
		Extremely
8.12	During the past 4 weeks, to what extent have your pelvic	Not at all
	problems overall interfered with your normal or regular sexual activity (with or without a partner)?	Slightly
		Moderately
		Quite a bit
		Extremely

## **17.** Smartphone app

9.1. Did you use the smartphone app for MEMPHIS? (Please tick one box)

<sup>:</sup> Yes, Do you think you rece se tick <u>one</u> box)	eived the new treatment app or the comp	arison treatment app?
New treatment app	Comparison treatment app	Don't Know
THANK	YOU FOR FILLING IN THE QUESTION	NAIRE
	MEMPHIS	
	MEMPHIS	