Supplementary material 1. Clinician reported-variables captured in the Swiss chiropractic practice-based research network

Construct	Item Content	Variable Code	Choices, Calculations, OR Slider Labels	Branching Logic
Identification	Record ID	record id	enores, carculations, or shuel Eabers	Dranching Lögic
Identification	I consent to participate in the Swiss ChiCo study clinician survey	clin consent	1, Yes 2, No	
	Clinic name:	clinic name	1, 103 2, 110	
	Clinic address:	clinic address		
Demographics	Sex	sex	1. Male 2. Female	
	bex.	Sex	1, Assistant / Resident, first year 2, Assistant / Resident, second year 3, Fully licensed	
	ChiroSuisse member classification	membership	chiropractor	
	Years of chiropractic practice	practice years	emopration	
	Average number of patients seen per week over the last 3 months	n_patients	$1, < 50 \mid 2, 50.99 \mid 3, 100.149 \mid 4, 150.199 \mid 5, 200.249 \mid 6, \ge 250$	
	Average number of new patients seen per week over the last 3 months	n new	1, 0 2, 1-3 3, 4-6 4, 7-9 5, 10-12 6, 13-15 7, 16-20 8, > 20	
	How many chiropractors work at your clinic?	n chiros	1, 1 = 2, 2 = 3, 3 = 4, 4 = 5, 5 = 6, 6 or more	
	Do you work with other healthcare professionals besides chiropractors?	other health	1, Yes 2, No	
	How many other healthcare professionals work at your clinic?	n otherhealth	1, 1 2, 2 3, 3 4, 4 5, 5 6, 6 or more	[other health] = '1'
	now many other neuraleare protessionals work at your onne.	_outerneutur	1, Physiotherapist 2, Massage therapist 3, Medical doctor 4, Acupuncturist 5, Nutritionist 6,	[outer_neutin]
	Other healthcare practitioners involved in the practice (select all that apply)	specify otherhealth	Other {specify otherhealth2}	[other health] = '1'
	(specify otherhealth2		[specify_otherhealth(6)] = '1'
	What language do you primarily use in your practice?	lang	1, Deutsch 2, Français 3, Italiano 4, Romansh 5, English 6, Other {otherlang}	[
		otherlang	(entertaine)	[lang] = '6'
Frequency with which each condition is managed in your practice	Neck pain without arm pain	msk 1	I, Often 2, Sometimes 3, Rarely 4, Never	
	Neck pain with arm pain	msk 2	1, Often 2, Sometimes 3, Rarely 4, Never	
	Neck pain with headache	msk 3	I, Often 2, Sometimes 3, Rarely 4, Never	
	Thoracic spine and rib pain	msk 4	1, Often 2, Sometimes 3, Rarely 4, Never	
	Low back pain without leg pain	msk 5	1, Often 2, Sometimes 3, Rarely 4, Never	
	Low back pain with leg pain	msk 6	1, Often 2, Sometimes 3, Rarely 4, Never	
	Shoulder pain	msk 7	1, Often 2, Sometimes 3, Rarely 4, Never	
	Elbow pain	msk 8	1, Often 2, Sometimes 3, Rarely 4, Never	
	Wrist and hand pain	msk 9	1, Often 2, Sometimes 3, Rarely 4, Never	
	Hip pain	msk 10	1, Often 2, Sometimes 3, Rarely 4, Never	
	Knee pain	msk 11	1, Often 2, Sometimes 3, Rarely 4, Never	
	Ankle and foot pain	msk 12	1, Often 2, Sometimes 3, Rarely 4, Never	
	Jaw pain / TMJ pain	msk 13	1, Often 2, Sometimes 3, Rarely 4, Never	
	Degenerative spine disorders	msk 14	1, Often 2, Sometimes 3, Rarely 4, Never	
	Other degenerative joint disorders	msk 15	1, Often 2, Sometimes 3, Rarely 4, Never	
	Postural disorders	msk 16	1, Often 2, Sometimes 3, Rarely 4, Never	
	Headaches	msk 17	1, Often 2, Sometimes 3, Rarely 4, Never	
	Tendinopathy	msk 18	1, Often 2, Sometimes 3, Rarely 4, Never	
	Chronic pain	msk 19	1, Often 2, Sometimes 3, Rarely 4, Never	
	Spinal health maintenance	msk 20	1, Often 2, Sometimes 3, Rarely 4, Never	
	Non MSK complaints	msk 21	1, Often 2, Sometimes 3, Rarely 4, Never	
Frequency with which each patient type is managed in your				
practice	Children (0-3 years of age)	patient_type1	1, Often 2, Sometimes 3, Rarely 4, Never	
	Children (4-18 years of age)	patient_type2	1, Often 2, Sometimes 3, Rarely 4, Never	
	Older persons (≥ 65 years of age)	patient_type3	1, Often 2, Sometimes 3, Rarely 4, Never	
	Pregnant women	patient_type4	1, Often 2, Sometimes 3, Rarely 4, Never	
	Motor-vehicular accident injuries	patient_type5	1, Often 2, Sometimes 3, Rarely 4, Never	
	Work-related injuries	patient_type6	1, Often 2, Sometimes 3, Rarely 4, Never	
	Sport-related injuries	patient_type7	1, Often 2, Sometimes 3, Rarely 4, Never	
	Post surgical care and rehabilitation	patient_type8	1, Often 2, Sometimes 3, Rarely 4, Never	
	Ethnic and minority groups	patient_type9	1, Often 2, Sometimes 3, Rarely 4, Never	
Practitoner confidence scale (PCS)	I lack the diagnostic tools or knowledge needed to effectively assess patients with low back pain	pcs_1	1, 1. Strongly agree 2, 2. Agree 3, 3. Not sure 4, 4. Disagree 5, 5. Strongly disagree	
	I know exactly what to do to effectively treat patients with low back pain	pcs_2	1, 1. Strongly agree 2, 2. Agree 3, 3. Not sure 4, 4. Disagree 5, 5. Strongly disagree	
	I am very comfortable treating patients with low back pain	pcs_3	1, 1. Strongly agree 2, 2. Agree 3, 3. Not sure 4, 4. Disagree 5, 5. Strongly disagree	
	How well prepared to manage low back pain are you?	pcs_4	1, 1. Very well 2, 2. Well 3, 3. Adequately 4, 4. Poorly 5, 5. Very poorly	
	I feel confident using psychological and behavioural elements in the treatment of low back pain			
	patients	pcs_5	1, 1. Strongly agree 2, 2. Agree 3, 3. Not Sure 4, 4. Disagree 5, 5. Strongly Disagree	
	I feel confident working with a patient with low back pain not basing this on a structural diagnosis	pcs_6	1, 1. Strongly agree 2, 2. Agree 3, 3. Not sure 4, 4. Disagree 5, 5. Strongly disagree	

Construct	Item Content	Variable Code	Choices, Calculations, OR Slider Labels	Branching Logic
Pain Attitudes and Beliefs Musculoskeletal (PABS-MSK)		pabs_med_1 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
Questionnaire - Biomedical	Pain is a nociceptive stimulus, indicating tissue damage	to Q17)	5, Largely agree 6, Totally agree	
		pabs_med_2 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	Patients with musculoskeletal pain should preferably practice only pain free movements	to Q7)	5, Largely agree 6, Totally agree	
		pabs med 3 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	Musculoskeletal pain indicates the presence of organic injury	to Q18)	5, Largely agree 6, Totally agree	
	If musculoskeletal pain increases in severity, I immediately adjust the intensity of treatment	pabs med 4 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	accordingly	to Q2)	5, Largely agree 6, Totally agree	
	If therapy does not result in a reduction in pain, there is a high risk of severe restrictions in the	pabs med 5 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	long term	to Q6)	5. Largely agree 6, Totally agree	
	iong term	pabs med 6 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	Pain reduction is a precondition for the restoration of normal functioning	to Q16)	5, Largely agree 6, Totally agree	
	i an reduction is a precondition for the restoration of normal functioning	pabs med 7 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	Increased nois indicates new ticeus domage on the encoded of existing domage	to Q3)	5, Largely agree 6, Totally agree	
	Increased pain indicates new tissue damage or the spread of existing damage	pabs med 8 (randomized		
		r – – ·	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	If patients complain of pain during exercise, I worry that damage is being caused	to Q9)	5, Largely agree 6, Totally agree	
		pabs_med_9 (randomized	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	The severity of tissue damage determines the level of pain	to Q11)	5, Largely agree 6, Totally agree	
	In the long run, patients with musculoskeletal pain have a higher risk of developing functional		1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	impairments	to Q15)	5, Largely agree 6, Totally agree	
Pain Attitudes and Beliefs Musculoskeletal (PABS-MSK)		pabs_biopsyc_1	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
Questionnaire - Biopsychosocial	Biological, psychological and social factors should be included in the clinical assessment	(randomized to Q19)	5, Largely agree 6, Totally agree	
		pabs_biopsyc_2	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	How a patient currently copes with their pain problem must be assessed	(randomized to Q13)	5, Largely agree 6, Totally agree	
		pabs_biopsyc_3	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	The reaction of a patient's family and friends will promote recovery	(randomized to Q5)	5, Largely agree 6, Totally agree	
		pabs biopsyc 4	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	A patient's beliefs about the cause of their musculoskeletal pain must be understood	(randomized to Q1)	5, Largely agree 6, Totally agree	
		pabs biopsyc 5	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	Specific and realistic goals for treatment must be agreed	(randomized to Q4)	5, Largely agree 6, Totally agree	
		pabs biopsyc 6	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	A patients perceived barriers to work must be assessed	(randomized to Q10)	5, Largely agree 6, Totally agree	
		pabs biopsyc 7	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	A patient's expectations about treatment for musculoskeletal pain affect their outcome	(randomized to Q14)	5, Largely agree 6, Totally agree	
	r patient's expectations about iteatment for museuloskeletar pain arreet tien outcome	pabs biopsyc 8	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	I consider a patient's social support network in my clinical management	(randomized to Q20)	5, Largely agree 6, Totally agree	
	A patient's physical activity level should be considered in the management of their			
		pabs_biopsyc_9	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	musculoskeletal pain problem	(randomized to Q12)	5, Largely agree 6, Totally agree	
		pabs_biopsyc_10	1, Totally disagree 2, Largely disagree 3, Disagree to some extent 4, Agree to some extent	
	Reducing a patient's fear is essential to the treatment process	(randomized to Q8)	5, Largely agree 6, Totally agree	
Digitalization of clinics	Do you use an electronic patient record (EPR) system for clinical record keeping in your practice	epr_use	1, Yes. I use only an EPR system 2, Partially. I use a mix of an EPR and paper	
			3, No. I use a paper-based system, but am considering switching 4, No. I use only a paper-	
			based system	
	Please indicate the Manufacturer Name and Product Name for the EPR information system that			[epr_use] = '1' or [epr_use
	you use in practice.	epr_manu_prod		2'
	Please indicate the Manufacturer Name and Product Name for the EPR information system that	epr_manu_prod_considerin		
	you are considering to use in practice	g		[epr_use] = '3'
	Do you use a secure/encrypted email system for patient communication in your practice (e.g.,			
	HIN or ProtonMail)?	secure_email_use	1, Yes 2, No	
	Please indicate the Product Name for the secure/encrypted email system you use in practice.	email_manu_prod		[secure_email_use] = '1'
	How would you compare your quality of life now, when compared to before the COVID-19			
	pandemic?	cov clin 1	1, Better 2, Similar 3, Worsened	
	How have your patient numbers been affected since the start of the COVID-19 pandemic?	cov clin 2	1, Increased 2, Unchanged 3, Decreased	
	Have you changed your work hours since the start of the COVID-19 pandemic?	cov clin 3	1, Increased 2, Unchanged 3, Decreased	
	Does your clinic offer telehealth/virtual care services?	cov_clin_5	1, Yes 2, No 3, No, but I am considering integrating it into my practice	
	How has patient use of telehealth or virtual care services changed since the start of the COVID-19	looonn_+	r, res 2, res 5, res, our run considering megrating it into my practice	
	how has patient use of telenealth or virtual care services changed since the start of the COVID-19 pandemic?	telehealth	1, Increased use 2, Unchanged 3, Decreased use	[cov clin 4] = '1'
	On a scale from 0 to 100 how motivated are you to participate in the patient cohort phase of the			t 1