

Supplementary material 4. Extracted data

First author and year of publication	Study characteristics (Study name and design, information about the patient sample, including orthopaedic condition an type of surgery, the number of participants, relevant inclusion/exclusion criteria, percentages of females, age and country)	Intervention characteristics (Intervention description, element, start and duration of the intervention and number of measurement occasions)	Control condition	Outcome measures	Effect sizes		
					Intervention group	Control group	Intervention vs control
Archer, 2016; Archer, 2014	<u>Study name:</u> - <u>Study design:</u> RCT <u>Orthopaedic condition:</u> Patients undergoing a laminectomy with or without arthrodesis for a lumbar degenerative condition (spinal stenosis, spondylosis, and degenerative	<u>Intervention description:</u> Cognitive-behavioural-based rehabilitation approach to reduce pain and disability through reductions in fear of movement and increase in self-efficacy, with focus on: <ul style="list-style-type: none"> • Self-management • Problem solving • Cognitive restructuring • Relaxation training. The main components of the program include education on the relationship between the body, mind, and one's activity level, a graded activity plan and	Education program on postoperative recovery, consisting of topics commonly covered by physical therapists during outpatient treatment, for example benefits of physical therapy,	Disability (Roland Disability questionnaire; on a 0 to 100 scale) with lower scores representing lower levels of disability.	<u>Pre-treatment</u> Mean(SD)=38.8 (17.3) <u>Post-treatment</u> Mean(SD)=28.6 (17.6) Change=-9.8 [-12.1 - 7.5] <u>3 months</u> Mean(SD)=21.1 (16.7) Change=-17.3 [-20.3 -14.4]	<u>Pre-treatment</u> Mean(SD)=34.0 (16.7) <u>Post-treatment</u> Mean(SD)=27.9 (19.4) Change=-6.1 [-10.5 -1.7] <u>3 months</u> Mean(SD)=26.5 (20.5) Change=-7.5 [-12.1 -2.9]	<u>Post-treatment</u> Change=-3.7 [-8.6 1.2]# <u>3 months</u> Change=-9.8 [-15.3 -4.4]#
				QoL (SF-12 – physical score; on a 0 to 100 scale)	<u>Pre-treatment</u> Mean(SD)=29.8 (0.5) <u>Post-treatment</u>	<u>Pre-treatment</u> Mean(SD)=32.0 (9.8) <u>Post-treatment</u>	<u>Post-treatment</u> Change=1.7 [-1.9 5.3]

<p>spondylolisthesis)</p> <p><u>Inclusion:</u> Patients >21 years of age, with back and/or lower extremity pain for >6 months and high fear of movement, without a history of a neurological movement disorder; and no presence of psychotic disease in the medical record.</p> <p><u>Exclusion:</u> Patients with spinal deformity as the primary indication for surgery, surgery for pseudarthrosis, trauma, infection, or tumor; and with microsurgical techniques as the primary procedure.</p> <p>n= 86 (baseline);</p>	<p>weekly activity and walking goals. Goals were rated by patients on a scale from 0 to 10 (completely confident), and scores of 8 or greater indicated a realistic goal. Patients received weekly sessions from a physical therapist for 6 weeks: 1 in person (1 hour) and 5 by telephone (30 minutes).</p> <p><u>Intervention element:</u> Active referral and goal setting</p> <p><u>Start of the intervention:</u> 6 weeks after surgery</p> <p><u>Duration of the intervention:</u> From six weeks to 3 months after surgery.</p> <p><u>Measurements:</u> Pre intervention, post intervention (3 months after surgery) and after a 3 months follow-up (6 months after surgery)</p>	<p>importance of daily exercise and ways to promote healing. Information on stress reduction, sleep hygiene, energy management, communication with health providers, and preventing future injury were also provided. Patients received weekly sessions with a physical therapist for 6 weeks. The first session was conducted in person (1 hour), the remaining sessions (30 minutes) were delivered over the telephone.</p>	<p>Mean(SD)=36.5 (10.8) Change=6.6 [4.2–8.9] <u>3 months</u> Mean(SD)=43.0 (10.9) Change=13.4 [10.4–16.4]</p>	<p>Mean(SD)=36.9 (11.6) Change=4.8 [2.1–7.6] <u>3 months</u> Mean(SD)=38.3 (11.4) Change=6.3 [3.3–9.3]</p>	<p><u>3 months</u> Change=7.1 [2.9 11.3]</p>
			<p>QoL (SF-12 – mental score; on a 0 to 100 scale)</p>	<p><u>Pre-treatment</u> Mean(SD)=43.6 (11.9) <u>Post-treatment</u> Mean(SD)=50.9 (10.0) Change=7.4 [5.3–9.5] <u>3 months</u> Mean(SD)=56.6 (8.1) Change=12.5 [9.6–15.4]</p>	<p><u>Pre-treatment</u> Mean(SD)=53.9 (10.1) <u>Post-treatment</u> Mean(SD)=53.7 (12.2) Change=-0.2 [-3.0 2.6] <u>3 months</u> Mean(SD)=53.4 (12.0) Change=-0.5 [-3.7 2.7]</p>

	80 (analysed) <u>%female</u> : 80.2% <u>Age</u> : 57.6 (SD: 12.2) <u>Country</u> : USA						
Damkjær, 2015	<u>Study name</u> : - <u>Study design</u> : Controlled before-after studies (comparison between a retrospective and a prospective cohort). <u>Orthopaedic condition</u> : Patients undergoing an arthroscopic Bankart operation (anterior shoulder dislocation repair) <u>Inclusion</u> : Patients that had undergone surgery, were	<u>Intervention description</u> : American Society of Shoulder and Elbow Therapist (ASSET) guidelines consisting of three phases during which specific goals were targeted. The third phase targets to return to work and return to sport. <u>Intervention element</u> : Active referral and goal setting <u>Start of the intervention</u> : - <u>Duration of the intervention</u> : 18 weeks (on average) <u>Measurements</u> : Pre- and post-intervention (18 weeks after surgery).	Standard care rehabilitation protocol	WOSI index on shoulder-related function and QoL (%; on a 0 to 100 scale)	<u>Baseline</u> Mean(SD)=41.6 (16.1) <u>Follow-up</u> Mean(SD)=78.5 (16.7) Change=29.3 (15.9)	<u>Baseline</u> Mean(SD)=57.2 (17.5) <u>Follow-up</u> Mean(SD)=79.7 (11.8) Change=27.8 (17.3)	Change=1.48 [-5.59 8.56]
				WOSI (total; on a 0 to 2100 scale)	<u>Baseline</u> Mean(SD)=1224.3 (338.1) <u>Follow-up</u> Mean(SD)=425.0 (340.8) Change=644.5 (335.3)	<u>Baseline</u> Mean(SD)=898.3 (368.8) <u>Follow-up</u> Mean(SD)=428.6 (271.9) Change=574.8 (361.7)	Change=69.64 [-79.41 218.68]
				WOSI (physical symptoms; on a 0 to 1000 scale)	<u>Baseline</u> Mean(SD)=468.7 (181.1) <u>Follow-up</u> Mean(SD)=160.9 (161.2) Change=240.5 (180.3)	<u>Baseline</u> Mean(SD)=325.9 (167.9) <u>Follow-up</u> Mean(SD)=126.6 (111.6) Change=243.2 (196.9)	Change=2.63 [-78.03 83.30]
				WOSI (sport/recreation/work; on a 0 to 400 scale)	<u>Baseline</u> Mean(SD)=300.9 (75.9) <u>Follow-up</u> Mean(SD)=95.0	<u>Baseline</u> Mean(SD)=229.8 (92.7) <u>Follow-up</u> Mean(SD)=101.9	Change=3.89 [-43.63 51.36]

referred to 'Bankart rehabilitation' by their surgeon and did not return to the hospital prior to the beginning of the operation. n= 157 (baseline); 84 (analysed) %female: Control group: 17%, Intervention group 64%. Age: Control group: 28.8 (8.9) years. Intervention group: 30.5 (8.7) years. Country: Denmark					(78.7) Change=167.9 (106.9)	(70.1) Change=164.1 (115.3)	
				WOSI (lifestyle/social; on a 0 to 400 scale)	<u>Baseline</u> Mean(SD)=261.9 (71.7) <u>Follow-up</u> Mean(SD)=91.3 (74.4) Change=133.4 (89.2)	<u>Baseline</u> Mean(SD)=183.4 (86.7) <u>Follow-up</u> Mean(SD)=84.0 (57.5) Change=120.7 (95.6)	Change=12.7 3 [-26.67 52.13]
				WOSI (emotions; on a 0 to 300 scale)	<u>Baseline</u> Mean(SD)=192.6 (62.6) <u>Follow-up</u> Mean(SD)=104.6 (77.7) Change=72.3 (87.4)	<u>Baseline</u> Mean(SD)=160.1 (79.8) <u>Follow-up</u> Mean(SD)=115.0 (76.5) Change=58.2 (94.3)	Change=14.1 1 [-24.76 52.98]
				The ability to take part in three self-chosen activities with the patient-specific functional scale; PSFS; on a 0 to 30 scale)	<u>Baseline</u> Mean(SD)=2.1 (12.6) <u>Follow-up</u> Mean(SD)=7.7 (17.9) Change=5.03 (3.9)	<u>Baseline</u> Mean(SD)=2.7 (12.9) <u>Follow-up</u> Mean(SD)=7.3 (10.1) Change=4.61 (4.3)	Change=0.41 [-1.35 2.16]
				Return to work (in weeks since the surgery and in %)	Mean(SD)=7.0 (6.5) Percentage=38.9%	Mean(SD)=5.2 (6.9) Percentage=45.9%	Change=1.78 [-1.89 4.65]
				Return to sports (in weeks since the surgery and in %)	Mean(SD)=13.1 (7.9) Percentage=28.7%	Mean(SD)=13.8 (8.8) Percentage=31.6%	Change=0.68 [-5.36 3.99]
Donceel, 1999	<u>Study name</u> : - <u>Study design</u> : RCT <u>Orthopaedic</u>	<u>Intervention description</u> : A rehabilitation oriented program with the following guidelines for the insurance physician: • Patient contact	Practice as usual by the insurance physician	Percentage workers not returning to work after one year	10.1%	18.1%	between-group difference: p=0.002

	<p><u>condition:</u> Patients undergoing open discectomy for herniated lumbar intervertebral disc</p> <p><u>Inclusion:</u> Participants from the working population, 15-64 years of age and work incapacity prior to surgery <1 year were included through their medical advisors of a social security sickness fund (i.e. insurance physicians).</p> <p><u>n</u>= 710 (unclear whether this is the baseline or the follow-up sample)</p> <p><u>%female:</u> 35%</p> <p><u>Age:</u> 39.2 years</p> <p><u>Country:</u> Belgium</p>	<ul style="list-style-type: none"> ○ Strictly timed visits ○ Functional evaluation using the Oswestry Disability Scale ○ Providing information about national history of the disease and expected work incapacity ○ Encouraging personal activities ○ Clear advise about expectations ○ Recognize medical and psychosocial stressors impacting on disability ● Contact with treating physicians <ul style="list-style-type: none"> ○ Ask for sufficient and correct information about diagnosis, treatment, therapeutic planning ○ Encourage professional rehabilitation measures in therapeutic planning ○ Promote a multi- 					
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		<p>disciplinary approach</p> <ul style="list-style-type: none"> • Contact with colleagues <ul style="list-style-type: none"> ○ Case discussion <p><u>Intervention element:</u> Active referral and goal setting</p> <p><u>Start of the intervention:</u> 6 weeks after the surgery</p> <p><u>Duration of the intervention:</u> Until one year after the surgery</p> <p><u>Measurements:</u> Pre- and post-intervention (1 year after surgery)</p>					
Hou, 2019	<p><u>Study name:</u> -</p> <p><u>Study design:</u> RCT</p> <p><u>Orthopaedic condition:</u> Patients agreed to receive lumbar spinal surgery and surgical intervention ≤ 3 columns (lumbar disc herniation, spinal stenosis, or lumbar spondylolisthesis)</p> <p><u>Inclusion:</u> 18-64 years, living</p>	<p><u>Intervention description:</u> Mobile phone eHealth program consisting of self-management, rehabilitation planning (rehabilitation for 20 min each time, twice a day) including video instructions, exercise and communication with practitioners. Doctors could view reports about the patients' daily exercise and adjust rehabilitation plans for patients. Two meetings were held to show the patients how to use eHealth and how to conduct the exercises.</p> <p><u>Intervention element:</u> eHealth</p>	<p>Usual care. Surgeons' usual practice, including advices to keep physically active and simple instructions to train the back muscles. Analgesia and other symptomatic treatments when necessary</p>	<p>Oswestry disability (0 to 100 scale)</p> <p>QoL (EQ5D; 0 to 100 scale)</p> <p>QoL (SF-36; general health; 0 to 100 scale)</p>	<p><u>3 months +</u> -7.27 (5.31)</p> <p><u>6 months</u> -18.43 (23.92)</p> <p><u>12 months</u> -21.58 (24.64)</p> <p><u>24 months</u> -30.43 (23.75)</p> <p><u>3 months</u> 0.09 (0.02)</p> <p><u>6 months</u> 0.23 (0.03)</p> <p><u>12 months</u> 0.24 (0.04)</p> <p><u>24 months</u> 0.35 (0.03)</p> <p><u>3 months</u> 40.01 (3.37)</p> <p><u>6 months</u></p>	<p><u>3 months +</u> -7.90 (4.53)</p> <p><u>6 months</u> -14.39 (4.64)</p> <p><u>12 months</u> -22.07 (5.56)</p> <p><u>24 months</u> -23.41 (6.65)</p> <p><u>3 months</u> 0.09 (0.02)</p> <p><u>6 months</u> 0.13 (0.08)</p> <p><u>12 months</u> 0.17 (0.03)</p> <p><u>24 months</u> 0.22 (0.04)</p> <p><u>3 months</u> 38.16 (2.43)</p> <p><u>6 months</u></p>	<p><u>3 months +</u> -0.63 (0.78)</p> <p><u>6 months</u> 4.0 (2.83)</p> <p><u>12 months</u> -0.49 (2.98)</p> <p><u>24 months</u> 7.02 (3.18)</p> <p><u>3 months</u> 0.00 (0.00)</p> <p><u>6 months</u> -0.10 (0.01)</p> <p><u>12 months</u> -0.05 (0.01)</p> <p><u>24 months</u> -0.12 (0.01)</p> <p><u>3 months</u> -1.85 (0.46)</p> <p><u>6 months</u></p>

	<p>>100km from the hospital</p> <p><u>Exclusion:</u> Having comorbidities, not able to complete the rehabilitation exercise because of mental retardation or other reasons</p> <p><u>n</u>= 168 (baseline), 162 (analysed)</p> <p><u>%female:</u> Intervention: 57%, control: 50%</p> <p><u>Age:</u> Intervention: 51(10) years, control: 49(10) years.</p> <p><u>Country:</u> China</p>	<p><u>Start of the intervention:</u> 3 month after surgery</p> <p><u>Duration of the intervention:</u> At least 2 months</p> <p><u>Measurements:</u> baseline, 3, 6, 12, 24 months</p>			<p>54.75 (4.59) <u>12 months</u> 56.25 (5.31) <u>24 months</u> 62.80 (6.61)</p>	<p>45.85 (3.43) <u>12 months</u> 55.53 (3.86) <u>24 months</u> 57.98 (5.26)</p>	<p>-8.90 (0.66) <u>12 months</u> -0.72 (0.78) <u>24 months</u> -4.82 (1.09)</p>
				<p>QoL (SF-36; physical functioning; 0 to 100 scale)</p>	<p><u>3 months</u> 40.76 (3.05) <u>6 months</u> 56.12 (4.48) <u>12 months</u> 56.74 (5.83) <u>24 months</u> 62.45 (5.78)</p>	<p><u>3 months</u> 30.58 (2.29) <u>6 months</u> 46.35 (3.62) <u>12 months</u> 56.13 (4.79) <u>24 months</u> 59.07 (5.89)</p>	<p><u>3 months</u> -2.18 (0.42) <u>6 months</u> -9.77 (0.66) <u>12 months</u> -0.61 (0.89) <u>24 months</u> -3.38 (1.06)</p>
Levinger, 2017	<p><u>Study name:</u> -</p> <p><u>Study design:</u> RCT</p> <p><u>Orthopaedic condition:</u> Patients undergoing</p>	<p><u>Intervention description:</u> An internet-based intervention in addition to usual physiotherapy care. Patients received an interactive internet-based resource tailored to typical post-operative rehabilitation milestones through providing of</p>	Usual physiotherapy care	<p>KOOS was used to evaluate symptoms and function. KOOS pain (on a 0 to 100 scale)</p>	<p><u>Baseline</u> Mean=45.9 (10.8) <u>Follow-up</u> Mean=54.7 (12.4)</p>	<p><u>Baseline</u> Mean=56.2 (19.7) <u>Follow-up</u> Mean=61.2 (5.4)</p>	<p>Change=[-23.0 14.2]#</p>
				<p>KOOS symptoms (on a 0 to 100 scale)</p>	<p><u>Baseline</u> Mean=53.9 (9.4)</p>	<p><u>Baseline</u> Mean=52.0 (7.4)</p>	<p>Change=[-10.5 25.3]#</p>

<p>anterior cruciate ligament reconstruction surgery</p> <p><u>Inclusion:</u> Patients 18-45 years of age, able to speak English and with internet access on a daily basis.</p> <p><u>Exclusion:</u> Patients who have had ACL surgery where there was additional surgical intervention or findings that changed routine post-operative physiotherapy care (e.g. meniscal repair).</p> <p><u>n</u>= 32 (baseline); 17 (analysed)</p> <p><u>%female:</u> 28%</p> <p><u>Age:</u> 29.2(7.4)</p> <p><u>Country:</u> Australia</p>	<p>information and communication between the patient and physiotherapist. Participants were able to access the internet-based resource as often as they desired and were encouraged to access it at least: On a daily basis for the first week following the surgery, three times per week for weeks 2-3 following the surgery, once a week for weeks 4-12 following the surgery. The internet-based resource comprised two elements information and communication between the patients and physiotherapists.</p> <p><u>Intervention element:</u> e/mHealth</p> <p><u>Start of the intervention:</u> First week following the surgery</p> <p><u>Duration of the intervention:</u> Until 3 months after the surgery.</p> <p><u>Measurements:</u> Pre- and post-intervention (3 months after surgery).</p>					
				<p><u>Follow-up</u> Mean=52.1 (12.3)</p>	<p><u>Follow-up</u> Mean=58.7 (12.0)</p>	
		<p>KOOS ADL (on a 0 to 100 scale)</p>	<p><u>Baseline</u> Mean=49.8 (12.9)</p> <p><u>Follow-up</u> Mean=63.2 (12.0)</p>	<p><u>Baseline</u> Mean=62.4 (25.0)</p> <p><u>Follow-up</u> Mean=71.9 (5.8)</p>	<p>Change=[-20.1 19.1]#</p>	
		<p>KOOS quality of life (on a 0 to 100 scale)</p>	<p><u>Baseline</u> Mean=26.9 (16.1)</p> <p><u>Follow-up</u> Mean=61.2 (21.4)</p>	<p><u>Baseline</u> Mean=27.6 (20.4)</p> <p><u>Follow-up</u> Mean=50.9 (22.1)</p>	<p>Change=[-37.6 15.2]#</p>	

Martinez-Rico, 2018	<p><u>Study name:</u> -</p> <p><u>Study design:</u> RCT</p> <p><u>Orthopaedic condition:</u> Patients with recurrent anterior shoulder instability undergoing arthroscopic Bankart repair</p> <p><u>Inclusion:</u> -</p> <p><u>Exclusion:</u> Prior surgery of the involved shoulder, posterior or multidirectional instability, and previous symptoms of rotator cuff injury.</p> <p><u>n</u>= 71 (baseline), 70 (analysed)</p> <p><u>%female:</u> intervention: 28%, control: 18%.</p> <p><u>Age:</u></p>	<p><u>Intervention description:</u> A phone intervention in addition to usual care. Patients were provided with additional coaching sessions about self-care, the importance of the exercises at home, instructions on performing the exercises, and responses to their questions (by a nurse who had access to a physiotherapist). Patients had contact by phone three times per week during the first month.</p> <p><u>Intervention element:</u> Referral</p> <p><u>Start of the intervention:</u> After removal of the sling</p> <p><u>Duration of the intervention:</u></p> <p><u>Measurements:</u> Preoperatively and postoperatively at 2, 4, 6, and 12 months.</p>	Usual care. 3 weeks of supervised physiotherapy at the outpatient clinic including verbal and written information about activities and exercises to perform daily at home	Activities of daily living (OSIS; 12 to 60 scale)	<p><u>Preoperative %</u> 36.4 [25-53] <u>4 months</u> 20.4 [12-36] <u>6 months</u> 14.5 [12-30] <u>12 months</u> 12.5 [12-23]</p>	<p><u>Preoperative %</u> 36.7 [24-53] <u>4 months</u> 26.4 [12-51] <u>6 months</u> 21.6 [12-33] <u>12 months</u> 17.2 [12-32]</p>	<p><u>Between group preoperative v:</u> p=0.090 <u>Between group 4 months:</u> p=0.037 <u>Between group 6 months:</u> p=0.070 <u>Between group 12 months:</u> p=0.181</p>
				Quality of Life (DASH; 11 to 55 scale)	<p><u>Preoperative</u> 28.9 [2-54] <u>4 months</u> 9.0 [0-36] <u>6 months</u> 2.9 [0-27] <u>12 months</u> 0.9 [0-18]</p>	<p><u>Preoperative</u> 30.1 [31-58] <u>4 months</u> 25.9 [9-86] <u>6 months</u> 9.7 [0-45] <u>12 months</u> 5.0 [0-45]</p>	<p><u>Between group preoperative v:</u> p=0.886 <u>Between group 4 months:</u> p=0.074 <u>Between group 6 months:</u> p=0.004 <u>Between group 12 months:</u> p=0.013</p>
				Functional shoulder outcomes (ROWE; 0 to 100 scale)	<p><u>Preoperative</u> 42.6 [15-75] <u>12 months</u> 93.4 [70-100]</p>	<p><u>Preoperative</u> 40.0 [5-75] <u>12 months</u> 89.1 [65-100]</p>	<p><u>Between group preoperative v:</u> p=0.648</p>

	intervention: 26.5 (18–40) years, control: 29.0 (21–60) years. <u>Country:</u> Spain						<u>Between group 12 months:</u> p=0.210
McGregor, 2010; McGregor, 2011; Morris, 2011	<u>Study name:</u> FASTER <u>Study design:</u> RCT (multi-centre) <u>Orthopaedic condition:</u> Patients presenting with symptoms, signs, and radiological findings of either lateral nerve root compression or disc prolapse scheduled for surgery. <u>Inclusion:</u> Patients awaiting spinal surgery. <u>Exclusion:</u> Patients with a condition where the intervention or the rehabilitation may have an	<u>Intervention description:</u> 2x2 factorial design: <ul style="list-style-type: none">A 6-week program of postoperative rehabilitation or the relevant surgeon's usual postoperative care (according to the surgeon's discretion and routine practice)An educational booklet or the surgeon's usual advice. (Only the results for the rehabilitation program as compared to usual care were extracted for the current review). Rehabilitation consisted of 12 standardized 1-hour classes run twice weekly by an experienced physiotherapist, including general aerobic fitness work; stretching; stability exercises; strengthening and endurance training for the back, abdominal, and leg muscles; ergonomic training; advice on lifting and setting, targets; and	Care according to the surgeon's usual practice. Previous work has shown this to be varied and limited.	Oswestry Disability Index (ODI) and a disability percentage (on a 0 to 100 scale) with lower scores representing lower levels of disability.	<u>Baseline</u> Mean=49 (18) <u>12 month</u> Mean=24 (21)	<u>Baseline</u> Mean=46 (19) <u>12 month</u> Mean=27 (23)	Change=-2.7 [-6.8 1.5]#
				Return to work			Not reported
				HrQoL (measured in QALYs with the EQ- 5D)			Change=0.00 2 [-0.044 0.048]

	<p>adverse effect on, previous spinal surgery; spinal surgery where a fusion procedure was planned, pregnant women, or those unable to attend or unsuitable for rehabilitation classes were excluded.</p> <p><u>n</u>= 338 (baseline); 316 (analysed)</p> <p><u>%female</u>: 53%</p> <p><u>Age</u>: 54 (SD 15)</p> <p><u>Country</u>: Great Britain</p>	<p>self-motivation along with an open group discussion at the end of each class.</p> <p><u>Intervention element</u>: Active referral and goal setting</p> <p><u>Start of the intervention</u>: 6 to 8 weeks after surgery</p> <p><u>Duration of the intervention</u>: 6 weeks</p> <p><u>Measurements</u>: preoperatively (baseline) and then at 6 weeks, 3 months, 6 months, 9 months, and 12 months post-surgery</p>					
Oestergaard, 2015	<p><u>Study name</u>: -</p> <p><u>Study design</u>: RCT</p> <p><u>Orthopaedic condition</u>: Patients undergoing lumbar spinal fusion surgery</p> <p><u>Inclusion</u>:</p>	<p><u>Intervention description</u>: Patients were referred to a case manager (occupational therapist, medical doctor specialized in social medicine and a social work). Patient and case manager plan the patient's return to daily (work) activities according to the following schedule:</p> <ul style="list-style-type: none"> • 2-3 weeks pre-surgery: 	Usual rehabilitation (without a case manager)	Return to work (in weeks – defined as the first spell of four weeks return to work)	Mean=29 weeks	Mean=45 weeks	RR=1.18 [0.8 1.7] (in favour of intervention group)

	<p>Patients undergoing lumbar spinal fusion surgery.</p> <p>n= 83 (baseline); 82 (analysed)</p> <p><u>%female:</u> intervention group: 51%; control group: 49%</p> <p><u>Age:</u> Intervention group 46.01(8.7), control group: 47.4(8.9).</p> <p><u>Country:</u> Denmark</p>	<p>meeting</p> <ul style="list-style-type: none"> • 4 weeks post-surgery: phone meeting • 6-7 weeks post-surgery: meeting • 10-12 weeks post-surgery: phone meeting <p>If necessary roundtable meeting (with the patient, case manager, employer, social worker) and workplace visits were planned</p> <p><u>Intervention element:</u> Active referral</p> <p><u>Start of the intervention:</u> 2-3 weeks pre-surgery.</p> <p><u>Duration of the intervention:</u> From 2-3 weeks pre- surgery to 10-12 weeks post-surgery</p> <p><u>Measurements:</u> During a 2 year follow-up period</p>					
Paxton, 2018	<p><u>Study name:-</u></p> <p><u>Study design:</u> RCT</p> <p><u>Orthopaedic condition:</u> Unilateral total knee arthroplasty patients</p> <p><u>Inclusion:</u></p>	<p><u>Intervention description:</u> Physical activity feedback, including real-time activity feedback using a real-time physical activity wearable sensor (Fitbit), weekly goal planning by telephone and monthly face-to-face support meetings</p> <p><u>Intervention element:</u> Goal</p>	Standard care plus weekly phone meetings to check health status (without physical activity feedback or group	Physical activity (in steps per day)	<p><u>Baseline</u> Mean=5754(2714)</p> <p><u>12 week</u> Mean=6917(3445)</p> <p>Change(%)=20.2(42.8)</p>	<p><u>Baseline</u> Mean=5011(2038)</p> <p><u>12 week</u> Mean=5291(2298)</p> <p>Change(%)=8.7(36.1)</p>	No statistics for between group differences provided

	<p>Unilateral total knee arthroplasty patients</p> <p>n= 45 (baseline); 40 (analysed)</p> <p>%female: 47%</p> <p>Age: Control: 64(6); intervention: 63(7)</p> <p>Country: USA</p>	<p>setting and e/mHealth</p> <p><u>Start of the intervention:</u> 6-8 weeks after surgery</p> <p><u>Duration of the intervention:</u> 12 weeks</p> <p><u>Measurements:</u> Pre- and post-intervention</p>	meeting)				
Sandell, 2008	<p><u>Study name:</u>-</p> <p><u>Study design:</u> RCT</p> <p><u>Orthopaedic condition:</u> Patients on the waiting list for a primary total hip replacement.</p> <p><u>Inclusion:</u> Patients on the waiting list with a potential for a 6-month wait or more.</p> <p>n= 89 (baseline); 63 (analysed)</p>	<p><u>Intervention description:</u> Multidisciplinary intervention, including:</p> <ul style="list-style-type: none"> • Physiotherapy incorporating hip strengthening and gait training before surgery • Orthopaedic nurse specialist determined potential problems that may delay surgery and refers to appropriate service for investigation/treatment, answers questions patient and explains in-patient journey • Pre-surgery occupational therapist home assessment to determine any equipment needed post- 	Usual care (no additional treatment).	QoL assessed with the NHP - Energy (on a 0 to 100 scale)	Change=-9.48 (35.59)	Change=6.67 (34.66)	Change=[-33.87 1.59]#
				NHP - Pain (on a 0 to 100 scale)	Change=-1.46 (22.58)	Change=4.93 (22.77)	Change=[-17.82 5.05]#
				NHP - Emotional (on a 0 to 100 scale)	Change=1.90 (13.67)	Change=2.65 (18.25)	Change=[-8.83 7.32]#
				NHP - Sleep (on a 0 to 100 scale)	Change=-5.70 (24.54)	Change=5.98 (27.02)	Change=[-24.67 1.31]#
				NHP - Social (on a 0 to 100 scale)	Change=4.61 (14.33)	Change=-3.73 (14.37)	Change=[1.10 15.57]#
				NHP - Physical (on a 0 to 100 scale)	Change=-0.47 (12.47)	Change=1.44 (23.13)	Change=[-11.15 7.34]#
				QoL assessed with the Arthritis impact score (AIS) - Mobility (on a 0 to 10 scale)	Change=-0.35 (1.71)	Change=0.31 (1.74)	Change=[-1.537 0.219]#
				AIS - Walking and bending (on a 0 to 10 scale)	Change=-0.14 (2.09)	Change=0.75 (1.50)	Change=[-1.810 0.037]#
				AIS - Hand and finger	Change=0.45 (1.63)	Change=-0.35	Change=[0.10

	<p><u>%female</u>: 65%</p> <p><u>Age</u>: treatment group: 70.3 (SD: 8.1), control group: 65.8 (SD: 10.6)</p> <p><u>Country</u>: United Kingdom</p>	<p>surgery and advices on daily activities</p> <ul style="list-style-type: none"> Acute pain advise by nurse specialist regarding pain management, pharmaceutical and non-pharmaceutical. <p><u>Intervention element</u>: Active referral</p> <p><u>Start of the intervention</u>: 3 to 16 months pre-surgery</p> <p><u>Duration of the intervention</u>: Unclear</p> <p><u>Measurements</u>: Pre- and post-intervention</p>		<p>function (on a 0 to 10 scale)</p> <p>AIS - Arm function (on a 0 to 10 scale)</p> <p>AIS - Self-care tasks (on a 0 to 10 scale)</p> <p>AIS - Household tasks (on a 0 to 10 scale)</p> <p>AIS - Social activity (on a 0 to 10 scale)</p> <p>AIS - Support from family (on a 0 to 10 scale)</p> <p>AIS - Arthritis pain (on a 0 to 10 scale)</p> <p>AIS - Work (on a 0 to 10 scale)</p> <p>AIS - Levels of tension (on a 0 to 10 scale)</p> <p>AIS - Mood (on a 0 to 10 scale)</p> <p>AIS - Satisfaction with health (on a 0 to 10 scale)</p> <p>AIS - Current and future health (on a 0 to 10 scale)</p> <p>AIS - Arthritis impact (on a 0 to 10 scale)</p>		<p>(1.05)</p> <p>Change=-0.08 (1.11)</p> <p>Change=-0.25 (1.79)</p> <p>Change=-0.23 (1.50)</p> <p>Change=-0.71 (2.01)</p> <p>Change=-0.03 (2.00)</p> <p>Change=-0.09 (1.61)</p> <p>Change=-0.37 (1.17)</p> <p>Change=0.09 (1.65)</p> <p>Change=-0.12 (1.48)</p> <p>Change=-0.04 (1.32)</p> <p>Change=-0.61 (2.43)</p> <p>Change=0.00 (2.25)</p>	<p>5 1.504]#</p> <p>Change=-0.68 (1.67)</p> <p>Change=-0.14 (1.95)</p> <p>Change=-0.13 (1.99)</p> <p>Change=0.08 (1.37)</p> <p>Change=0.52 (2.53)</p> <p>Change=0.74 (1.69)</p> <p>Change=0.44 (1.62)</p> <p>Change=0.00 (1.55)</p> <p>Change=0.08 (1.23)</p> <p>Change=-0.38 (1.54)</p> <p>Change=-0.44 (2.44)</p> <p>Change=0.58 (1.82)</p>	<p>Change=[-0.105 1.313]#</p> <p>Change=[-1.047 0.837]#</p> <p>Change=[-0.990 0.772]#</p> <p>Change=[-1.670 0.080]#</p> <p>Change=[-1.696 0.594]#</p> <p>Change=[-1.665 0.000]#</p> <p>Change=[-1.409 0.004]#</p> <p>Change=[-0.719 0.901]#</p> <p>Change=[-0.894 0.485]#</p> <p>Change=[-0.376 1.062]#</p> <p>Change=[-1.388 1.065]#</p> <p>Change=[-1.622 0.455]#</p>
Skolasky, 2018	<p><u>Study name</u>: -</p> <p><u>Orthopaedic condition</u>: Controlled before-after study (lagged)</p>	<p><u>Intervention description</u>: Usual care, supplemented by 3 timed telephone calls. During the preoperative call, the study therapist used motivational interviewing strategies to increase the patient's</p>	Usual care, involving routine clinical management of signs and symptoms of	QoL (SF-12 on a 0 to 100 scale)	<p><u>Baseline</u> Mean=36 (7.0)</p> <p><u>12 months</u> Mean=53 (9.0)</p> <p><u>36 months</u> Mean=51 (7.5)</p>	<p><u>Baseline</u> Mean=36 (7.7)</p> <p><u>12 months</u> Mean=26 (17)</p> <p><u>36 months</u> Mean=23 (11)</p>	<p><u>12 months</u> Change=0.36 [0.04 0.67]*</p> <p><u>36 months</u> Change=0.08 [-0.02 0.17]*</p>	

	<p>controlled trial).</p> <p><u>Patient sample:</u> Patients with lumbar spinal stenosis, lumbar spondylolisthesis or scoliosis undergoing lumbar spinal stenosis surgical procedures (i.e. lumbar decompression or arthrodesis)</p> <p><u>Inclusion:</u> Patients >18 years of age and were able to provide informed consent.</p> <p><u>Exclusion:</u> Patients who had undergone a previous lumbar spine surgical procedure.</p> <p>n= 125 (baseline); 122 (analysed)</p> <p><u>%female:</u> 63%</p> <p><u>Age:</u> Control</p>	<p>perception of the importance of physical therapy to recovery and confidence to follow through with rehabilitation. The therapist identified barriers to engagement and facilitated commitment to behavior change. Medical questions were directed to the orthopaedic surgeon.</p> <p><u>Intervention element:</u> e/mHealth</p> <p><u>Start of the intervention:</u> Postoperative</p> <p><u>Duration of the intervention:</u> 36 months</p> <p><u>Measurements:</u> pre-intervention, and 12 and 36 months after surgery</p>	lumbar spinal stenosis.				
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	group: 58 (SD: 13.5), intervention group: 60 (SD: 13) <u>Country:</u> USA						
Szöts, 2016	<u>Study name:</u> - <u>Study design:</u> RCT (single-center, non-blinded) <u>Orthopaedic condition:</u> Patients undergoing first-time knee arthroplasty due to osteoarthritis <u>Inclusion:</u> Patients >18 years who had undergone a first-time total knee arthroplasty, following a conventional course of treatment, and who were discharged 4 days after surgery or earlier, and	<u>Intervention description:</u> Usual care, supplemented by structured, nurse-managed telephone follow-up at 4 and 14 days post discharge. Key subjects of the telephone follow-up were: communication, cognition/development, breathing/circulation, nutrition, elimination, sleep, pain/perception, skin/tissue, sexuality/reproduction, activity, and psychosocial/spirituality/culture. <u>Intervention element:</u> e/mHealth <u>Start of the intervention:</u> 4 days after discharge from the hospital. <u>Duration of the intervention:</u> From 4 to 14 days after surgery <u>Measurements:</u> pre-intervention and 1 and 3	Usual care, pre-surgery admission with discharge scheduled 2–3 days post-surgery, referral to physiotherapy, removal of stitches by a general practitioner, and outpatient consultation with the surgeon 3 months post-surgery.	Physical function and pain, using the WOMAC Index – Pain (on a 0 to 100 scale)	<u>Baseline</u> Mean=39.6 [35.5 43.7] <u>1 month</u> Mean=30.6 [26.4 34.7] Change=-8.8 [-13.0 -4.7] <u>3 months</u> Mean=20.7 [16.2 25.2] Change=-8.7 [-13.2 -4.2]	<u>Baseline</u> Mean=42.4 [37.8 47.0] <u>1 month</u> Mean=33.5 [29.1 37.8] Change=-19.5 [-24.1 -14.8] <u>3 months</u> Mean=23.5 [18.7 28.4] Change=-19.8 [-25.6 -14.0]	<u>1 month</u> Change=-0.2 [-6.3 5.9]# <u>3 months</u> Change=0.3 [-6.9 7.6]#
				WOMAC – Stiffness (on a 0 to 100 scale)	<u>Baseline</u> Mean=57.0 [51.6 62.4] <u>1 month</u> Mean=42.6 [37.3 48.0] Change=-16.1 [-21.7 -10.5] <u>3 months</u> Mean=31.4 [25.6 37.2] Change=-25.7 [-31.6 -19.9]	<u>Baseline</u> Mean=53.3 [47.6 59.0] <u>1 month</u> Change=-10.3 [-15.6 -5.1] Mean=42.3 [37.4 47.2] <u>3 months</u> Mean=34.6 [28.3 40.9] Change=-19.8 [-27.1 -12.6]	<u>1 month</u> Change=-5.7 [-13.3 1.8]# <u>3 months</u> Change=-5.9 [-15.0 3.2]#
				WOMAC - Physical Function (on a 0 to 100 scale)	<u>Baseline</u> Mean=47.7 [43.4 52.0]	<u>Baseline</u> Mean=48.7 [43.4 53.7]	<u>1 month</u> Change=-2.8 [-9.1 3.4]#

<p>signed an informed consent.</p> <p><u>Exclusion:</u> Patients that had previously undergone hip arthroplasty surgery or were in the terminal phase of another serious illness, such as cancer.</p> <p><u>n</u>= 117 (baseline); 100 (analysed)</p> <p><u>%female:</u> 64%</p> <p><u>Age:</u> Intervention group: 67.3 (9.4), control group: 67.8 (8.4)</p> <p><u>Country:</u> Denmark</p>	months after surgery		<p><u>1 month</u> Mean=29.9 [25.7 34.1] Change=-17.9 [-22.3 -13.5]</p> <p><u>3 months</u> Mean=20.5 [16.7 24.4] Change=-27.6 [-32.1 -23.1]</p>	<p><u>1 month</u> Mean=32.7[28.1 37.4] Change=-15.1 [-19.6 -10.5]</p> <p><u>3 months</u> Mean=21.5 [17.3 25.7] Change=-28.3 [-33.1 -23.5]</p>	<p><u>3 months</u> Change=0.7 [-5.8 7.2]#</p>
		HrQoL, using the SF-36 – Physical function (on a 0 to 100 scale)	<p><u>Baseline</u> Mean=29.8 [23.7 35.8]</p> <p><u>1 month</u> Mean=50.6 [44.5 56.6] Change=20.1 [11.8 28.4]</p> <p><u>3 months</u> Mean=63.5 [57.7 69.3] Change=10.0 [2.9 17.1]</p>	<p><u>Baseline</u> Mean=34.5 [28.4 40.6]</p> <p><u>1 month</u> Mean=45.0 [39.8 50.1] Change=34.4 [26.4 42.4]</p> <p><u>3 months</u> Mean=65.4 [59.6 71.2] Change=32.0 [23.6 40.2]</p>	<p><u>1 month</u> Change=10.1 [-0.7 20.8]</p> <p><u>3 months</u> Change=2.5 [-8.9 13.9]</p>
		SF-36 – Role physical (on a 0 to 100 scale)	<p><u>Baseline</u> Mean=30.7 [23.1 38.3]</p> <p><u>1 month</u> Mean=49.3 [42.3 56.2] Change=18.5 [10.4 26.6]</p> <p><u>3 months</u> Mean=67.7 [59.7 75.6] Change=14.7 [6.9 22.5]</p>	<p><u>Baseline</u> Mean=27.9 [21.4 34.4]</p> <p><u>1 month</u> Mean=42.8 [35.8 49.9] Change=37.1 [28.1 46.2]</p> <p><u>3 months</u> Mean=69.3 [61.9 76.7] Change=41.0 [30.7 51.3]</p>	<p><u>1 month</u> Change=3.8 [-7.3 14.9]</p> <p><u>3 months</u> Change=-3.9 [-17.4 9.6]</p>

				<p>SF-36 – Bodily pain (on a 0 to 100 scale)</p> <p><u>Baseline</u> Mean=33.8 [28.0 39.6] <u>1 month</u> Mean=55.7 [50.2 61.2] Change=22.3 [15.6 29.0] <u>3 months</u> Mean=67.6 [62.1 73.1] Change=19.5 [13.7 25.2]</p>	<p><u>Baseline</u> Mean=32.5 [27.3 37.8] <u>1 month</u> Mean=52.6 [47.5 57.8] Change=34.9 [28.6 41.29] <u>3 months</u> Mean=66.2 [59.3 73.2] Change=33.8 [26.2 41.5]</p>	<p><u>1 month</u> Change=2.8 [-5.9 11.5] <u>3 months</u> Change=1.1 [-8.6 10.8]</p>
				<p>SF-36 - General Health (on a 0 to 100 scale)</p> <p><u>Baseline</u> Mean=70.3 [65.4 75.2] <u>1 month</u> Mean=73.5 [67.9 79.1] Change=3.4 [-0.3 7.2] <u>3 months</u> Mean=70.7 [65.0 76.5] Change=3.3 [-0.6 7.3]</p>	<p><u>Baseline</u> Mean=71.6 [66.5 76.7] <u>1 month</u> Mean=75.3 [70.3 80.3] Change=0.6 [-3.9 5.1] <u>3 months</u> Mean=74.5 [68.9 80.1] Change=2.8 [-2.0 7.6]</p>	<p><u>1 month</u> Change=0.1 [-5.3 5.5] <u>3 months</u> Change=-2.2 [-8.7 4.3]</p>
				<p>SF-36 - Vitality (on a 0 to 100 scale)</p> <p><u>Baseline</u> Mean=46.6 [41.7 51.5] <u>1 month</u> Mean=54.8 [49.1 60.4] Change=9.7 [4.6 14.7] <u>3 months</u> Mean=63.7 [57.9</p>	<p><u>Baseline</u> Mean=40.9 [34.7 47.2] <u>1 month</u> Mean=50.6 [44.2 57.0] Change=18.3 [12.8 23.9] <u>3 months</u> Mean=64.0 [57.2</p>	<p><u>1 month</u> Change=0.8 [-6.3 7.8] <u>3 months</u> Change=-4.3 [-12.0 3.3]</p>

					69.5] Change=8.9 [3.9 13.9]	70.6] Change=22.7 [17.3 28.1]	
				SF-36 - Social Functioning (on a 0 to 100 scale)	<u>Baseline</u> Mean=67.5 [59.7 75.4] <u>1 month</u> Mean=79.0 [72.5 85.5] Change=10.2 [3.6 16.7] <u>3 months</u> Mean=88.2 [83.1 93.3] Change=4.3 [-2.8 11.5]	<u>Baseline</u> Mean=73.1 [65.9 80.3] <u>1 month</u> Mean=77.9 [71.7 84.1] Change=19.9 [12.2 27.5] <u>3 months</u> Mean=88.0 [82.6 93.5] Change=16.3 [8.8 23.8]	<u>1 month</u> Change=5.8 [- 3.8 15.4] <u>3 months</u> Change=3.5 [- 7.1 14.2]
				SF-36 - Role Emotion (on a 0 to 100 scale)	<u>Baseline</u> Mean=64.6 [55.5 73.7] <u>1 month</u> Mean=71.7 [63.7 79.7] Change=3.5 [-5.4 12.4] <u>3 months</u> Mean=84.7 [78.5 90.8] Change=6.0 [-3.7 15.7]	<u>Baseline</u> Mean=63.7 [54.2 73.2] <u>1 month</u> Mean=70.8 [62.4 79.3] Change=18.7 [9.9 27.4] <u>3 months</u> Mean=83.7 [76.9 90.5] Change=19.2 [9.5 28.8]	<u>1 month</u> Change=-2.5 [-15.5 10.5] <u>3 months</u> Change=-0.5 [-13.4 12.3]
				SF-36 - Mental Health (on a 0 to 100 scale)	<u>Baseline</u> Mean=71.9 [67.7 76.1] <u>1 month</u> Mean=79.8 [75.6 84.0] Change=9.1 [5.3	<u>Baseline</u> Mean=67.8 [62.1 73.6] <u>1 month</u> Mean=74.8 [69.0 80.6] Change=8.9 [3.9	<u>1 month</u> Change=3.3 [- 2.8 9.3] <u>3 months</u> Change=-4.8 [-11.7 2.2]

					12.8] <u>3 months</u> Mean=79.9 [75.2 84.6] Change=5.8 [1.0 10.6]	14.0] <u>3 months</u> Mean=82.1 [76.8 87.4] Change=13.7 [8.9 18.5]	
Vesterby, 2017	<p><u>Study name:</u> Remote Rehabilitation and Support project</p> <p><u>Study design:</u> RCT</p> <p><u>Orthopaedic condition:</u> Patients undergoing first-time fast-track total hip replacement</p> <p><u>Inclusion:</u> Patients undergoing fast-track total hip replacement</p> <p><u>Exclusion:</u> A distance to the hospital of more than 60 km, previous hip surgery, mental disability, having no support person, and</p>	<p><u>Intervention description:</u> E/mHealth support, based on a need-driven participatory design approach. Patients receive information material on their TV (using a Wi-Fi connection). The material included elements of exposure and computer-aided cognitive behavioural therapy to minimize preoperative anxiety.</p> <p><u>Intervention element:</u> e/mHealth</p> <p><u>Start of the intervention:</u> 14 days before surgery</p> <p><u>Duration of the intervention:</u> 3 months</p> <p><u>Measurements:</u> Pre-surgery until 12 months after surgery</p>	The standard fast-track total hip replacement plan	HrQoL, assessed with EQ-5D-3L (on a 0 to 100 scale)	Change=0.28 [0.20 0.34]	Change=0.26 [0.19 0.33]	Change=-0.01 [-0.06 0.04]#

	<p>having no internet connection.</p> <p>n= 73 (baseline); 72 (analysed)</p> <p><u>%female</u>: 47%</p> <p><u>Age</u>: Control group: 64 [45-84], intervention group: 63 [43-80]</p> <p><u>Country</u>: Denmark</p>						
Wang, 2018	<p><u>Study name</u>: -</p> <p><u>Study design</u>: RCT</p> <p><u>Orthopaedic condition</u>: Patients who had undergone hip arthroplasty.</p> <p><u>Inclusion</u>: Having a smartphone</p> <p><u>Exclusion</u>: Visiting the platform fewer than 10 times within 6 months after discharge, being readmitted or having died of</p>	<p><u>Intervention description</u>: The patient was referred to a certified nurse specialist with more than 10 years experiences and who was supported and specifically trained by a professional orthopaedic rehabilitation team consisting of orthopaedic nurses, orthopaedic surgeons and rehabilitation assistants With the help of this specialist and using an online platform the patient works on his/her rehabilitation and had contact at least once a week within 1 month after discharge, at least once every 2 weeks within 2 to 4 months after discharge and at least once a month 5 months after discharge</p>	Usual care. Usual nursing care, including issuing a rehabilitation manual, performing telephone follow-up performed within 1 month after discharge for 30 min. and completing an outpatient review at 1, 3 and 6 months.	Hip function (Harris hip score; 0 to 100 scale)	<p><u>Pre-treatment</u>: 42.1 (16.1)</p> <p><u>3 month</u>: 78.0 (7.8)</p> <p><u>6 month</u>: 92.6 (3.7)</p>	<p><u>Pre-treatment</u>: 44.67 (12.2)</p> <p><u>3 month</u>: 71.3 (9.5)</p> <p><u>6 month</u>: 86.6 (4.6)</p>	Time*group interaction: p<0.001.
				Activity of daily living (Barthel index; 0 to 100 scale)	<p><u>Pre-treatment</u>: 68.3 (21.7)</p> <p><u>3 month</u>: 86.9 (5.6)</p> <p><u>6-month</u>: 93.9 (4.7)</p>	<p><u>Pre-treatment</u>: 71.7 (21.9)</p> <p><u>3 month</u>: 82.6 (9.1)</p> <p><u>6-month</u>: 88.9 (5.8)</p>	Time*group interaction: p<0.001.
				Quality of life (SF-36; with total scores of 145)	<p><u>Pre-treatment</u>: 71.9 (20.1)</p> <p><u>3 month</u>: 98.5 (14.9)</p> <p><u>6-month</u>: 119.0 (10.5)</p>	<p><u>Pre-treatment</u>: 75.5 (20.8)</p> <p><u>3 month</u>: 93.1 (17.3)</p> <p><u>6-month</u>: 112.3 (10.5)</p>	Time*group interaction: p<0.001.

	<p>complications.</p> <p><u>n</u>= 400 (baseline), 389 (analysed)</p> <p><u>%female</u>: 53%</p> <p><u>Age</u>: 55.7 (13.8) years</p> <p><u>Country</u>: China</p>	<p><u>Intervention element</u>: Referral and eHealth</p> <p><u>Start of the intervention</u>: Before discharge from the hospital</p> <p><u>Duration of the intervention</u>: 6 months</p> <p><u>Measurements</u>: Baseline, and 3 and 6 months follow-up.</p>					
<p>RCT=Randomized controlled trial HrQoL = Health-related Quality of Life QoL = Quality of Life SD = Standar deviation WOSI = Western Ontario Shoulder Instability; KOOS = The Knee Injury and Osteoarthritis Outcome Score; NHP = Nottingham health profile; WOMAC = Western Ontario and McMaster Universities Osteoarthritis</p> <p>#=Note that positive change scores depict positive intervention effects in favour of the control group. Effects were converted for the meta-analysis. *=Change scores were expressed in change per month. For meta-analysis effects were converted into effects per 12 and 36 months, respectively. + Change score with respect to baseline (expressed in mean(SD)) % Score expressed in mean and range</p>							