Table 1: Description of phase 1 exercises for patients with knee OA (exercises for postural control are not included in the table).

Type ¹ / No	Exercise	Position	M-Plane ²	RoI ³	Muscles	Tools ⁴
Week 1					•	•
MM1 (K)	Mobilization	Supine	S	Knee/Ankle		
MM2 (K)	Mobilization	Supine	S	Hip/Knee		
MM3 (K)	Stretching	Supine	S	Ankle Calf		
MM4 (H)	Motor learning	Supine	C/T	Hip Adductors		EB
MM5 (H)	Motor learning	Supine	S	Hip/Knee Hip extensors Knee flexors		EB
MM6 (K)	Mobilization	Seated	S	Hip/Knee		
MM7 (H)	Motor learning	Seated	S	Hip Core		
MM8 (H)	Motor learning	Seated	S	Hip/Knee/Ankle Hip flexors/Calf		
MM9 (K)	Mobilization	Seated	T	Knee		
MM10 (K)	Mobilization	Seated	S	Knee		
Week 2						
MM11 (H)	Motor learning	Seated	S	Contact area foot	Lower extremity	
MM12 (H)	Motor learning	Seated	T	Contact area foot	Lower extremity	
MM13 (H)	Stretching	Seated	S	Hip/Knee/Ankle	Hamstrings/Calf	
MM14 (H)	Motor learning	Standing		Contact area foot	1	
MM15 (H)	Motor learning	Standing	F	Contact area foot	Lower extremity	
MM16 (H)	Motor learning	Standing	F	Contact area foot	ct area foot Lower extremity	
MM17 (K)	Mobilization	Standing	S	Hip/Knee		Stick
MM18 (H)	Motor learning	Standing	S	Hip/Knee/Ankle	Core Lower extremity	
MM19 (H)	Stretching	Standing	S	Hip/Knee	Hip flexors Knee extensors	RB
MM20 (H)	Stretching	Standing	S	Hip/Knee	Hamstrings/Calf	
Week 3					<u>. </u>	•
MM21 (K)	Motor learning	Supine	S	Hip/Knee	Extensors	EB
MM22 (K)	Motor learning	Supine	S	Knee	Extensors	
MM23 (H)	Motor learning	Supine	S	Hip/Knee	Hamstrings	
MM24 (K)	Stretching	Supine	S	Hip/Knee	Hamstrings/Calf	
MM25 (K)	Motor learning	Prone	S	Knee	Hamstrings	
MM26 (K)	Motor learning	Prone	S	Hip/Knee	Lower extremity	
MM27 (H)	Motor learning	Step position		Contact area foot	Lower extremity	
MM28 (H)	Motor learning	Step position		Contact area foot	Lower extremity	
MM29 (H)	Motor learning	Step position		Contact area foot	Lower extremity	
MM30 (H)	Mobilization	Step position	S	Hip/Knee	Flexors	

¹ MM: Motor learning and mobilization | S: Strengthening | H: Hip specific (numbers correspond to exercise book) | K: Knee specific (numbers correspond to additional exercise leaflet)

 ² M-Plane (Movement plane): S: Sagittal plane | F: Coronal plane | T: Transverse plane
 ³ RoI: Region of interest
 ⁴ EB: Exercise balls | RB: Elastic rubber bands | WC: Weight cuff

Table 2: Description of phase 2 exercises for patients with knee OA (exercises for postural control are not included in the table).

Type ¹ / No	Exercise	Position	M-Plane ²	RoI ³	Muscles	Tools ⁴
Week 4						
S1 (H)	Strengthening	Supine	S	Hip	Extensors	
S2 (H)	Strengthening	Supine	S	Hip	Flexors	
S3 (K)	Strengthening	Prone	S	Knee	Flexors	
S4 (K)	Strengthening	Supine	S	Knee	Extensors	EB
Week 5						
S5 (H)	Strengthening	Standing	S	Hip	Extensors	
S6 (H)	Strengthening	Seated	S	Hip	Flexors	
S7 (K)	Strengthening	Standing	S	Knee	Flexors	Sticks
S8 (K)	Strengthening	Seated	S	Knee	Extensors	
Week 6						
First home tr	aining session acco	rding to week 4,	second home tra	aining session a	according to week 5.	
Week 7						
One of the ex	ercises S1-S8 for e	ach muscle grou	p (hip extensors	, hip flexors, k	nee extensors, knee flexo	ors). Type of
exercise can	be chosen accordin	g to personal pre	ferences - 4 exe	rcises in total.		_

Table 3: Description of phase 3 exercises for patients with knee OA (exercises for postural control are not included in the table).

Type ¹ / No	Exercise	Position	M-Plane ²	RoI ³	Muscles	Tools ⁴		
Week 8-11: First home training session								
S11 (K)	Strengthening	Prone	S	Knee	Flexors	WC		
S12 (K)	Strengthening	Supine	S	Knee	Extensors	WC/EB		
S13 (K)	Strengthening	Standing	S	Knee	Flexors	Sticks/		
						WC		
S14 (K)	Strengthening	Seated	S	Knee	Extensors	WC		
Week 8-11: Second home training session								
S17 (H)	Strengthening	Standing	S	Hip	Extensors	EB		
S18 (H)	Strengthening	Standing	S	Hip	Flexors	EB		
S19 (K)	Strengthening	Standing	S	Knee	Extensors	Sticks		
S20 (K)	Strengthening	Standing	S	Hip/Knee	Extensors	Sticks		