THE ROBERT JONES AND AGNES HUNT ORTHPAEDIC AND DISTRICT FOUNDATION NHS TRUST

This is not an exhaustive list of all rehabilitative to be invented in the same of the sam

PHASE	IDEAL CRITERIA FOR	RANGE OF MOVEMENT	MOBILITY	REHABILITATION EXERCISES	GOALS	ADDITIONAL
	PROGRESSION	99				RESTRICTIONS
	- KOOKE GOION					(if applicable)
Post-Op	o Good	Splint @	NWB	 SQ/SLR/Calf/ Glut> circ. ex. 	Promote distal	
Discharge	understanding	plantigrade post-		 Active Quads/ Hams 	Oiron bation	
1	of post-	surgery if		Active Add / Abductors adding	2 Alleviate pain and	
	operative	Osteotomy		resistance as tolerated	swelling	
	rehabilitation.	performed		Upper body exercises	3. Encourage patient	
	o No					
	complications			reg exercises.	complance.	
	following			 Flexibility. 		
	CHOMINA			 Rest in elevation when not mobilising or 		
	suigely.			Pyprojeing		
	o Mobilise			CACIOININE.		
	independently					ž
	with elbow					,
	crutches					

From Week 3	Following o Consultant Aircast boot insitu PWB Consultant approval when mobilising/ weight-bearing. Approx. Week 2 No limit to passive movement unless in POP for osteotomy.	PHASE IDEAL CRITERIA RANGE OF MOBILITY FOR MOVEMENT PROGRESSION
 Progress above Active assisted → active ROM foot and ankle exercises PWB CKC exercises, mini-squats, low step ups/downs. Early Proprioception (e.g. joint placing). Specific soft tissue/ Scar massage if indicated 	 Passive physiological and accessory ROM mobilisations foot and ankle. Cryotherapy if appropriate. 	ILITY REHABILITATION EXERCISES
 Good co-contractive muscle control. Pain free. Reduce effusion. Prevent scar adherence. Prevent joint stiffness. 	 Alleviate pain and swelling. Improve function 	GOALS
	Be guided by instructions following Consultant appointment/ satisfactory healing of osteotomy.	ADDITIONAL RESTRICTIONS (if applicable)

		suggests.				
		→ progress load as clinical judgement				
	iliness.	technique/speed/reps				
	cardiovascular	hops, leaps → control				
	/. Waintain/improve	 PWB (parallel bars/hydro pool) jumps, 				
		boards/Trampette/crash mats/etc.				
	6. Improve	 Proprioception → wobble 				
		 X-Trainer → dist./speed/resis 				
	power and	 Rowing → dist./speed/resis 				
	muscle strength/	 Flexibility exercises as appropriate 				
	5. Promote appropriate	 Core stability exercises as appropriate 			o SLR with no lag	
osteotomy.	and dynamic control.	 Muscle balance exercises as appropriate 			o FWB	
satisfactory union of	4. Good biomechanical	resis/reps/sets/speed			discomfort	
appointment/	symptoms.	 Lower body active exercise -> 			o Minimal	
Consultant	3. Avoid mechanical	 Gymball and Theraband work 		united.	parity	
following	2. Reduce pain.	flexion) reps to fatigue		osteotomy has	。 ≥80% ROM	0.000
instructions	independent gait.	 Heel raises (knee in extension and 		off Aircast boot if	approval	
Be guided by	1. Promote	 Hydrotherapy 	FWB	Gradually wean	o Consultant	From Week 6 - 12
(if applicable)					PROGRESSION	
RESTRICTIONS				MOVEMENT	FOR	
ADDITIONAL	GOALS	REHABILITATION EXERCISES	MOBILITY	RANGE OF	IDEAL CRITERIA	PHASE
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					From Month 3
	reps	parity o Single Leg Heel Raises ≥25	o No/minimal effusion o Single leg stance ≥80%	symmetrical gait o Full AROM	PROGRESSION Normal
Choose a load 15 – 20 RM Choose numbers of sets and rest time between sets Alternate upper/lower body exercises within session Moderate to fast speed under control	• Endurance: Gradually progress toward ≥45 min continuous CV exercise (exception of jogging/running)	Moderate to fast speed under control Vary load/set/rest between sessions Adjust if necessary based on symptoms	10 – 20 min CV warm-up (exception of jogging/running) Choose a load 1 – 12 RM Choose numbers of sets and rest time between sets Alternate upper/lower body exercises within session	 Train strength and endurance on separate days Have a minimum of 24 hours between strength days Strength: 	REHABILITATION EXERCISES Train strength and endurance 3 – 4 x per week
			 Improve neuromuscular performance Increase confidence 	strength, power and endurance based on individuals needs	GOALS 1. Promote appropriate
					ADDITIONAL RESTRICTIONS (if applicable)

	 Unrestricted confident function Injury prevention 	 Contact sport specific training Earliest return to contact sport 	o Hop for distance ≥80% parity	From Month 8 - Onwards
	 No altered jogging pattern (limp) with respect to fatigue. Prepare physical and psychological ability for complete return to unrestricted function. 	 Add FWB double footed plyometrics → control technique/speed/reps Progress to single footed plyometrics as dictated by control Introduce jogging → running when strength and control is adequate Add agility drills when sufficient control and confidence is achieved e.g. twist/turn/pivot/cut/accelerate/decelerate/direction Progress from predictable agility to unpredictable Advance dynamic proprioceptive exercises e.g. volleying football, throwing, catching, racket and ball while balancing on trampette Perturbation training e.g. therapist randomly nudges patient off balance during a single leg throw-catch drill 	o Single leg squat 60° 5 sec hold with good alignment o Muscle strength and power ≥80% parity	From Month 6 - 8
REHABILITATION EXERCISES	MOBILITY	RANGE OF MOVEMENT	IDEAL CRITERIA FOR PROGRESSION	PHASE
		Vary load/set/rest between sessions Adjust if necessary based on symptoms		

Terminology Key:

Distance	Dist		
Repetitions	Reps.	Repetition Maximum	ㅈႍ
Resistance	Resis.	Cardio-vascular	CV CV
Closed Kinetic Chain	CKC	Straight Leg Raise	SLR
Passive Range of Movement	PROM	Full Weight Bearing	FWB
Active Range of Movement	AROM	Partial Weight Bearing	TWB
Range of Movement	ROM	Non-Weight Bearing	NWB