

**Assistant Professor of Orthopaedics Division of Sports Medicine** Tel: (646)501-7122

Name:		Date:	
Diagnosis:		Date of Surgery:	
• <u>Day 1-5</u> o E o V o N	ROTECTION PHASE (Day 1- Week 4)  Brace ROM: 0-70°  Weight-bearing: two crutches as tole. Muscle Stimulation: muscle stimulation: exercises  Quad sets Straight leg raises (all 4 plane) Knee extension (60° to 0°) Multi-angle isometrics at 60°, Mini squats (0-50°) Leg press (45-90°)	rated ion to quads es)	
• <u>Weeks 2</u> • E	Brace ROM: 0-90° Weight-bearing: progress as tolerate Exercises  Continue all strengthening ex Initiate wall squats Initiate proprioception training 2-3 Brace ROM: 0-115° Weight-bearing: one crutch then with Exercises	ercises  ng  hout at week 3  ove), using weight progression	

# PHASE II -MODERATE PROTECTION PHASE (Week 3-6)

 Vertical squats (0-60°) Lateral step-ups Single leg squats

#### Week 3

- Brace: discontinue
- ROM: to tolerance (0-125°)
- Exercises
  - Continue all above exercises (progress weight)
  - **Bicycle**
  - Stairmaster
  - Rowin
  - Knee extension (90-0°)
  - Mini squats (45-60°) (0-60°)
  - Wall squats (0-75°)



## Guillem Gonzalez-Lomas, MD

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- Step-ups
- Hamstring curls (light resistance) (0-45°)
- Hip abduction/adduction
- Toe-calf raises
- Proprioception training (biodex stability system)

#### Week 4-6

- o Brace: fit for functional brace
- Exercises
  - Continue all above exercises
  - Pool running
  - Agility drills

	PHASE III -MINIMAL PROTE	ECTION PHASE
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- Exercises
  - o Continue all strengthening exercises
  - o Initiate running program
  - o Gradual return to sport activities

## • Criteria to Return to Sport Activities

- o Isokinetic quadriceps torque to body weight ration
- Isokinetic test 85% > of contralateral side
- o No change in laxity
- o No pain/tenderness/swelling
- o Satisfactory clinical exam

Comments:		
Frequency: times per week	Duration: weeks	
Signature	Data	