

## Autologous Chondrocyte Implantation (ACI) Femoral Condyle Only David E. Hartigan, M.D.

Patient Name	Date of Surgery
Procedure: ☐ Right ☐ Left Knee ☐ Femoral Cor  Location: ☐ Ante	ndyle
***Respect graft location during closed chain activities (see box above)  If lesion is <u>anterior</u> , avoid loading in full extension  If lesion is <u>posterior</u> , avoid loading in flexion > 45 degrees	**If pain or swelling develops with any activities, they must be modified/reduced to eliminate symptoms.
<ul> <li>□ Evaluate and Treat – no open chain or isokinetic exercises</li> <li>□ Provide patient with home exercise program</li> </ul>	S
<ul> <li>and hygiene. Brace is gradually unlocked as follows</li> <li>Weeks 0-2: locked in extension</li> <li>Weeks 2-4: gradually open brace 20 degrees at a</li> <li>Weeks 4-6: open brace fully; brace may be disconting</li> <li>ROM</li> <li>CPM: use in 2 hour increments for 6-8 hrs/day, 1 cycled daily as tolerated. If CPM is not available at any point cycles of the kneeper day (seated at the edge of a cycles o</li></ul>	a time as quad control is gained. nued once a SLR can be performed without an extension lag.  e/minute, starting at 0-30 degrees and advancing 5-10 degrees during this time, patients are to perform 1500 active-assisted a table, with the knee over the edge).  es by week 6
inadequate.	ngthening, and SLRs. Perform exercises in brace if quad control within weight-bearing restrictions and lesion location (see above).
□ Phase II (6-12 wks): Transition phase.	use, but progress weightbearing gradually as tolerated (25% per and of this phase. e ROM.

weightbearing is progressed.

<ul> <li>ROM: Continue</li> <li>Strengthening</li> <li>At 3 month</li> <li>At 6 month</li> <li>At 9 month</li> </ul>	s: Begin light plyometrics and jo s: Begin progressive running an high impact activities (basketball		ute jog
☐ Other: ☐ Modalities ☐ Heat before/after ☐ May participate in aq ☐ Electrical Stimulation ☐ Ultrasound ☐ Ice before/after exe		aqua-running week 6	
Frequency:	x/week x	weeks	
	I certify that I have examined this dwould not benefit from	patient and physical therapy is medically social services.	necessary.
Physician Signature		Date	

Printed Name