

## Anterior Cruciate Ligament Reconstruction Protocol

**Dr. Murphy**

**\*Meniscal Repairs and Chondral Drilling will delay the initiation of phase I & II**

| Time Frame              | Treatment  | Goals  |
|-------------------------|--|--|
| Post-Op Day             | <ul style="list-style-type: none"> <li>• Dressing Change</li> <li>• Instruction in Signs and Symptoms of Infection</li> <li>• Check for DVT</li> <li>• Issue HEP for quad sets, SLR, hip adduction, hip abduction, patellar mobilizations, hip extension, heel slides and cryotherapy</li> <li>• ROM is not limited, progress pain free</li> </ul> | <ul style="list-style-type: none"> <li>• Independent in HEP</li> <li>• Fair Quad Set</li> <li>• Independent with SLR</li> <li>• Understands WB and importance of knee immobilizer until good quad function</li> </ul>        |
| Phase I<br>0-4 weeks    | <ul style="list-style-type: none"> <li>• Frequency = 3x/week</li> <li>• WBAT, ROM as tolerated</li> <li>• Progress unilateral stance</li> <li>• Progress ambulation to normalize gait</li> <li>• May begin jogging and light side to side plyometrics at 3 weeks post-op for autologous or allograft BTB grafts</li> </ul>                         | <ul style="list-style-type: none"> <li>• Good Quad Set</li> <li>• Full Extension</li> <li>• ROM past 100</li> <li>• Normal Gait</li> <li>• <b>Off the Shelf brace ordered from OSC when swelling is decreased</b></li> </ul> |
| Phase II<br>4-11 weeks  | <ul style="list-style-type: none"> <li>• Frequency = 1-2x/week</li> <li>• ROM as tolerated</li> <li>• Progress strengthening as tolerated</li> <li>• <b>Activities that can start at 8 weeks:</b> outdoor biking, in-line/ice skating (no cutting), swimming with a flutter kick (no diving or flip turns), two legged jump rope</li> </ul>        | <ul style="list-style-type: none"> <li>• If 4 week goals have been met D/C from formal therapy</li> <li>• Brace does not need to be worn for ambulation on level surfaces. Use on uneven surfaces.</li> </ul>                |
| Phase III<br>3-6 months | <ul style="list-style-type: none"> <li>• Frequency = prn</li> <li>• Activities: progress functional sport specific training such as large figure 8 running, side to side activity, forward/backward activities without any hard planting or cutting</li> </ul>   | <ul style="list-style-type: none"> <li>• Brace On for all more aggressive activities for the first year</li> <li>• Return to play at MDs discretion</li> <li>• No Biodex or KT 1000</li> </ul>                               |