**ROCK Form 5D: Surgery Form – ACI**

1. System Used
   1. Genzyme/Carticel
   2. Other:\_\_\_\_\_\_\_\_
2. Bone Grafting?: Yes / No
   1. Source:
      1. Autograft
         1. Bone Graft Harvest Site:
            1. Ipsilateral ICBG
            2. Contralateral ICBG
            3. Ipsilateral Proximal Tibia
            4. Ipsilateral Medial Femoral Condyle
            5. Ipsilateral Lateral Femoral Condyle
            6. Other:\_\_\_\_\_\_\_\_\_\_\_\_
      2. Allograft
         1. Description:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      3. Synthetic Material:
         1. Description:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   2. Membrane Over Graft?: Yes / No
      1. Periosteum
      2. Collagen Cover (e.g. Bio-gide)
      3. Synthetic
      4. Other:\_\_\_\_\_\_\_\_\_
   3. Membrane Over Graft secured with:
      1. Press Fit Only
      2. Suture Anchors
         1. Suture anchors into bone
            1. # of anchors: 1 2 3 4 5 Other:\_\_\_\_\_\_\_\_
            2. Type of anchor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
            3. Type of suture in anchor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
      3. Fibrin Sealant
      4. Suture Anchors + Fibrin Sealant
         1. Suture anchors into bone
            1. # of anchors: 1 2 3 4 5 Other:\_\_\_\_\_\_\_\_
            2. Type of anchor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
            3. Type of suture in anchor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   4. Fibrin Glue Sealant over graft?: Yes / No
   5. Treatment of (Sclerotic) Bony Bed/Base? (check all that apply): Yes / No
      1. Drilling
      2. Curettage
      3. Burning
      4. Other:\_\_\_\_\_\_\_\_\_
   6. Treatment of Subchondral Cysts? (check all that apply): Yes / No
      1. Drilling
      2. Curettage
      3. Burning
      4. Bone Grafting/Packing
         1. Firm Impaction
         2. Gentle Placement
      5. Other:\_\_\_\_\_\_\_\_\_
3. Containment
   1. Contained circumferentially with articular cartilage
   2. Uncontained
      1. % of circumference uncontained:\_\_\_\_%
      2. Adjacent/confounding soft tissue
         1. PCL
            1. Left intact
            2. Peeled back/partially detached, portion of footprint left unattached

% of footprint detached:\_\_\_\_\_%

* + - * 1. Debrided

% of footprint debrided:\_\_\_\_\_%

* + - 1. Other soft tissue:\_\_\_\_\_\_\_
         1. Management:\_\_\_\_\_\_\_\_\_\_\_
    1. Method of containment
       1. Suture to soft tissue
          1. Interrupted
          2. Running
       2. Suture anchors into bone
          1. # of anchors: 1 2 3 4 5 Other:\_\_\_\_\_\_\_\_
          2. Type of anchor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_
          3. Type of suture in anchor:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Placement of Cells
   1. Cells grown independent of scaffold
      1. Genzyme/Carticel
      2. In-house certified laboratory (Good Laboratory Practice; Gothenberg)
      3. Tigenex (European Union Approved)
      4. Other:\_\_\_\_\_\_\_\_\_\_
   2. Number of Vials: 1 2 3 Other:\_\_\_\_\_\_
   3. Technique used for independently grown cells
      1. Cells injected behind articular membrane
      2. Cells used to soak articular membrane (MACI-like technique)
      3. Hybrid technique (e.g. 1 vial used to soak membrane, 1 vial injected behind membrane)
      4. Other:\_\_\_\_\_\_\_\_\_\_
   4. Cells Grown in Scaffold by Manufacturer
      1. MACI
      2. Hyalograft
      3. Other:\_\_\_\_\_\_\_\_
   5. Cells Grown in Gel
      1. Codon
      2. Other:\_\_\_\_\_\_\_\_
2. Articular Membrane:
   1. Membrane Type:
      1. Autologous periosteal patch
      2. Porcine-derived collagen membrane (e.g. Bio-Gide)
   2. Membrane secured with:
      1. Press Fit Only
      2. Suture
      3. Fibrin Sealant
      4. Suture + Fibrin Sealant
   3. Sizing of Membrane with Template: Yes / No