**ROCK Form 5I: Surgery Form – Patellofemoral Malalignment/Instability**

1. Patellofemoral Pathology
   1. Chondrosis
   2. Maltracking
   3. Instability
      1. Risk Factors (select all that apply)
         1. Previous dislocations
            1. None
            2. Number of prior dislocations: \_\_\_\_\_\_\_\_\_
         2. Connective Tissue-related
            1. Ligamentous Laxity

Beighton Score: \_\_\_/5 metrics….total score: \_\_\_/9

* + - 1. Coronal Malalignment
         1. Genu Valgum
      2. Rotational Malalignment
         1. Femoral Anteversion
         2. External Tibial Torsion
         3. TT-TG Score: \_\_\_\_\_\_\_\_\_
      3. Patellar Lateralization
         1. Congruence angle: \_\_\_\_\_\_\_\_°
      4. Lateral patellar tilt
         1. Lateral patellofemoral angle: \_\_\_\_\_\_\_\_°
      5. Trochlear Dysplasia
         1. Sulcus angle: \_\_\_\_\_\_\_°
      6. Patellar Dysplasia
         1. Wiberg Type

A

B

C

* 1. Lateral patellar tilt

1. Surgical Treatment
   1. None
   2. Distal Realignment (select all that apply)
      1. Tibial Tubercle Osteotomy
         1. Isolated Medialization (Elmslie-Trillat)
         2. Isolated Anteriorization (Maquet)
         3. Anteromedialization (AMZ/Fulkerson)
      2. Galleazi (semi-tendinosis transpatellar tenodesis)
      3. Roux-Goldthwaite (partial instertional patellar tendon transfer)
      4. Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
   3. Proximal Realignment (select all that apply)
      1. Lateral Retinacular Procedure
         1. Lateral Release
            1. Open
            2. Arthroscopic
         2. Lateral Retinacular Z-lengthening/Interval Slide
      2. Medial Retinacular/MPFL Procedure
         1. VMO Advancement
         2. Medial retinacular reefing/imbrication
         3. MPFL reconstruction
            1. Graft type

Autograft

Quad tendon (soft-tissue only)

Quad tendon w/ bone-block

Adductor longus

Hamstring

Gracilis

Single-strand

Double-looped

Semi-tendinosus

Single-strand

Double-looped

Allograft

Soft tissue

Tibialis anterior

Hamstring

Semi-tendinosis only

Gracilis

Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Achilles tendon w/ calcaneal bone-block

Other: \_\_\_\_\_\_\_\_\_

* + - * 1. Patellar Fixation Technique

Bony Tunnel(s)

Tunnel Length

Partial/blind patellar tunnel

Complete/transverse patellar tunnel

Tunnel Fixation Technique (select all that apply)

Interference screw

Docking technique (sutures tied over cortical bone bridge)

Graft passed through tunnel, suture to itself

Number of tunnels

Single Tunnel

Double Tunnels

Suture anchor/implant fixation

Type of anchor/implant(s): \_\_\_\_\_\_\_\_\_\_\_\_

Number of points of fixation

Single point of fixation

Double point of fixation

Graft sutured to periosteum

Number of points of fixation

Single point of fixation

Double point of fixation

* + - * 1. Femoral Fixation Technique

Bony Tunnel(s)

Tunnel Length

Partial/blind patellar tunnel

Complete/transverse patellar tunnel

Tunnel Fixation Technique (select all that apply)

Interference screw

Docking technique (sutures tied over cortical bone bridge)

Graft passed through tunnel, suture to itself

Number of tunnels

Single Tunnel

Double Tunnels

Suture anchor/implant fixation

Type of anchor/implant(s): \_\_\_\_\_\_\_\_\_\_\_\_

Number of points of fixation

Single point of fixation

Double point of fixation

Graft sutured to periosteum

Number of points of fixation

Single point of fixation

Double point of fixation

* + - 1. Other: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_