**ROCK Form 5E: Surgery Form – Malalignment**

1. Physical Exam
   1. Appearance of standing alignment
      1. Neutral
      2. Varus
      3. Valgus
   2. Limb Length Discrepancy (block height to correct pelvic tilt): \_\_\_\_\_mm
2. Pre-Operative Radiographic Parameters
   1. Mechanical Axis
      1. Neutral
      2. Varus
      3. Valgus
   2. Mechanical Axis Deviation
      1. None/0 mm
      2. \_\_\_\_\_\_mm medial
      3. \_\_\_\_\_\_mm lateral
   3. Mechanical lateral distal femoral angle (mLDFA): \_\_\_\_\_\_°
   4. Mechanical medial proximal tibial angle (mPMTA): \_\_\_\_\_\_°
   5. Limb Length Discrepancy: \_\_\_\_\_\_\_mm
      1. Per Orthoroentogram
      2. Per Scanogram
      3. Per CT-Scanogram
3. Surgical Procedure
   1. None
   2. Guided Growth
      1. Technique
         1. Hemi-epiphysiodesis
            1. Staple
            2. 8-plate (orthofix)
            3. Drilling/Curettage
            4. Transphyseal Screw
         2. Epiphysiodesis
            1. Staple
            2. 8-plate (orthofix)
            3. Drilling/Curettage
            4. Transphyseal Screw
      2. Location (select all that apply)
         1. Femur
            1. Medial Physis
            2. Lateral Physis
         2. Tibia
            1. Medial Physis
            2. Lateral Physis
   3. Osteotomy
      1. Technique
         1. Closing wedge osteotomy
         2. Opening wedge osteotomy
      2. Location (select all that apply)
         1. Femur
            1. Medial
            2. Lateral
         2. Tibia
            1. Medial
            2. Lateral
4. Post-Operative Radiographic Parameters (i.e. Assessment of Correction)
   1. Mechanical Axis
      1. Neutral
      2. Varus
      3. Valgus
   2. Mechanical Axis Deviation
      1. None/0 mm
      2. \_\_\_\_\_\_mm medial
      3. \_\_\_\_\_\_mm lateral
   3. Mechanical lateral distal femoral angle (mLDFA): \_\_\_\_\_\_°
   4. Mechanical medial proximal tibial angle (mPMTA): \_\_\_\_\_\_°
   5. Limb Length Discrepancy: \_\_\_\_\_\_\_mm
      1. Per Orthoroentogram
      2. Per Scanogram
      3. Per CT-Scanogram
5. Complications
   1. Infection
      1. Superficial
      2. Deep
   2. Skin Necrosis
   3. Arthrofibrosis
   4. Non-union
   5. Delayed Union
   6. Painful Hardware requiring removal