# MAKO® KNEE

## CT Scanning Protocol

### 1. KNEE SCAN PARAMETERS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td>Scan Parameters</td>
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**Note:** These parameters are subject to change and should be updated as necessary.

### 2. ACQUISITION OF THE IMAGE

#### 2.1 PRACTICAL SUGGESTIONS

- **Diagnosis:** Ensure the patient is positioned correctly to avoid any artifacts.
- **Technical Issues:** Adjust the tube voltage and current to optimize image quality.
- **Patient Position:** Use a comfortable position to minimize patient movement.

#### 2.2 THE CT SCANNING PROTOCOL

- **Scan Parameters:** Use a high-resolution scan protocol to capture detailed images of the knee joint.
- **Image Processing:** Apply post-processing techniques to enhance image contrast and visibility.

### 3. CONSIDERATIONS

- **Patient Safety:** Always ensure that the patient is correctly secured to the examination table.
- **Image Quality:** Ensure that the images are of high quality and free from artifacts.
- **Data Management:** Keep a record of all acquired images for future reference.

### 4. DOSAGE SETTING

- **Effective Dose:** Ensure that the effective dose is within the recommended range for CT scans of the knee.
- **Contrast Media:** Use contrast media only if necessary to improve diagnostic accuracy.

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*Image of a knee CT scan with detailed anatomical structures.*