**The Weill Cornell Hip Pain Appropriate Use Criteria (AUC) addresses twenty-two clinical conditions common to patients presenting with Hip Pain and makes recommendations to optimize diagnostic effectiveness.**

|  |  |
| --- | --- |
| **Common Clinical Conditions – Hip Pain** | |
| 0 | Not Hip Pain |
| 1 | Acetabular Labral Tear Suspected |
| 2 | Arthroplasty Loosening Suspected - Status Post |
| 3 | Avascular Necrosis Suspected - Hip |
| 4 | Cancer Suspected - Hip |
| 5 | Hematoma - Hip |
| 6 | Hernia Suspected |
| 7 | Heterotopic Bone Suspected - Hip |
| 8 | Hip Pain without Trauma |
| 9 | Iliopsoas Subluxation |
| 10 | Impingement - Hip |
| 11 | Infection Suspected - Hip |
| 12 | Inflammatory Arthritis Suspected - Hip |
| 13 | Lateral Femoral Cutaneous Nerve Compression |
| 14 | Mass Suspected - Hip |
| 15 | Muscle Tendon Disorder |
| 16 | Osteoarthritis Suspected - Hip |
| 17 | Piriformis Syndrome - Sciatic Nerve Irritation |
| 18 | Post-Fracture Healing Assessment - Hip |
| 19 | Preoperative Planning or Known Hip Fracture |
| 20 | Soft Tissue Injury - Hip |
| 21 | Tendon Injury Repair Hip - Status Post |
| 22 | Traumatic Hip Pain - Suspected Fracture |

**The Hip Pain AUC is activated when a user orders one of the following fourteen Advanced Imaging Procedures.**

|  |  |
| --- | --- |
| **Advanced Imaging Procedures** | |
| 1 | CT Arthrogram Hip |
| 2 | CT Hip without Contrast |
| 3 | CT Hip with Contrast |
| 4 | CT Hip with and without contrast |
| 5 | MR Arthrogram Hip |
| 6 | MR Hip without Contrast |
| 7 | MR Hip with Contrast |
| 8 | MR Hip with and without Contrast |
| 9 | CT Pelvis without Contrast |
| 10 | CT Pelvis with Contrast |
| 11 | CT Pelvis with and without Contrast |
| 12 | MR Pelvis without Contrast |
| 13 | MR Pelvis with Contrast |
| 14 | MR Pelvis with and without Contrast |

**The Hip Pain AUC recommends one of the following twelve Imaging Procedures based on the clinical condition.**

|  |  |
| --- | --- |
| **Recommended Imaging Procedures** | |
| 1 | CT Arthrogram Hip |
| 2 | CT Hip without Contrast |
| 3 | CT Hip with Contrast |
| 4 | CT Hip with and without contrast |
| 5 | MR Arthrogram Hip |
| 6 | MR Hip without Contrast |
| 7 | MR Hip with Contrast |
| 8 | MR Hip with and without Contrast |
| 9 | MR Lumbar Plexus without Contrast |
| 10 | NM Bone Scan |
| 11 | XR Hip |
| 12 | US Hip |

**Logic Tables**

**The following Clinical Condition Logic Tables provide the Hip Pain AUC logic for each clinical condition.**

**The logic includes priors, contraindications, metal reduction and advanced US techniques where applicable.**

**Key**

|  |  |
| --- | --- |
| Value | Score |
| Blank | No Score Assigned |
| 0 | AUC Not Applicable |
| 1 | Inappropriate |
| 2 | Contact Radiology |
| 3 | Appropriate |
| 4 | Appropriate Preferred |

**Condition 0 – Not Hip Pain AUC Logic Activated, AUC Not Applicable**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | CT Arth | CT w | CT wo | CT wwo | MR w | MR wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Not Hip Pain | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |  |  |  |  | 0 | 0 | 0 | 0 | 0 | 0 |

**Condition 1 - Acetabular Labral Tear Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Contraindications | CT Hip Arth | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR Hip wwo | MR Arth Hip | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Acetabular Labral Tear |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 4 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Acetabular Labral Tear | GAD | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Acetabular Labral Tear | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 2 - Arthroplasty Loosening Suspected - Status Post**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors  Metal Reduction? | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR Hip wwo | MR Arth Hip | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Arthroplasty Loosening | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Arthroplasty Loosening | XR, Yes |  | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Arthroplasty Loosening | XR, Yes | CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Arthroplasty Loosening | XR, No | MR | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Arthroplasty Loosening | XR, No | CT  MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 3 – Avascular Necrosis Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR Hip wwo | MR Arth Hip | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Avascular Necrosis | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Avascular Necrosis | XR |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Avascular Necrosis | XR | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 4 – Cancer Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Cancer | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR |  | 1 | 1 | 3 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | GAD | 1 | 3 | 3 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | IOD | 1 | 1 | 3 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | MR | 1 | 3 | 3 | 1 | 1 | 1 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | CT | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | GAD IOD | 1 | 1 | 3 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | GAD CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | MR, IOD | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Cancer | XR | MR CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 5 – Hematoma Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Hematoma |  | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hematoma | MR | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hematoma | CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hematoma | MR CT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |

**Condition 6 – Hernia Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | US Expertise? | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Hernia | Yes |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hernia | No |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hernia | Yes | MR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| Hernia | No | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 7 – Heterotopic Bone Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Heterotopic Bone |  | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Heterotopic Bone | MR | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Heterotopic Bone | CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Heterotopic Bone | MR, CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 8 – Hip Pain without Trauma**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Base condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR Hip wwo | MR Arth Hip | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Hip Pain wo Trauma | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hip Pain wo Trauma | XR |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hip Pain wo Trauma | XR | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 9 – Iliopsoas Subluxation**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | US Expertise? | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Iliopsoas Subluxation | Yes |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Iliopsoas Subluxation | No |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Iliopsoas Subluxation | Yes | MR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| Iliopsoas Subluxation | No | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 10 – Impingement**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Impingement | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Impingement | XR |  | 1 | 1 | 3 | 1 | 1 | 4 | 1 | 4 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Impingement | XR | MR | 4 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Impingement | XR | CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 4 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Impingement | XR | MR, CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 11 – Infection Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Prior Studies | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Infection | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR |  | 1 | 1 | 3 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | GAD | 1 | 3 | 3 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | IOD | 1 | 1 | 3 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | MR | 1 | 3 | 3 | 1 | 1 | 1 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | CT | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | GADIOD | 1 | 1 | 3 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | GADCT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | MR, IOD | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Infection | XR | MRCT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 12 – Inflammatory Arthritis Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Inflammatory Arthritis | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Inflammatory Arthritis | XR |  | 1 | 1 | 1 | 1 | 1 | 4 | 3 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Inflammatory arthritis | XR | GAD | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Inflammatory arthritis | XR | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 13 – Lateral Femoral Cutaneous Nerve Compression**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Lateral Femoral Cutaneous |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4 |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Lateral Femoral Cutaneous | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 14 – Mass Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Mass | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR |  | 1 | 1 | 3 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | GAD | 1 | 3 | 3 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | IOD | 1 | 1 | 3 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | MR | 1 | 3 | 3 | 1 | 1 | 1 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | CT | 1 | 1 | 1 | 1 | 1 | 3 | 4 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | GAD IOD | 1 | 1 | 3 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | GAD CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | MR IOD | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  | 3 |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Mass | XR | MR  CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 15 - Muscle Tendon Disorder**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | US Expertise? | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Muscle  Tendon  Disorder | Yes |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Muscle  Tendon  Disorder | No |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Muscle  Tendon  Disorder | Yes | MR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| Muscle  Tendon  Disorder | No | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 16 - Osteoarthritis Suspected - Hip**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Osteoarthritis | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Osteoarthritis, Fracture and/or Surgical Candidate | XR |  | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Osteoarthritis, Fracture and/or Surgical Candidate | XR | MR | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Osteoarthritis, Fracture and/or Surgical Candidate | XR | CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Osteoarthritis, Fracture and/or Surgical Candidate | XR | MR, CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |
| Osteoarthritis, No Fracture and/or Surgical Candidate | XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |

**Condition 17 – Piriformis Syndrome - Sciatic Nerve Irritation**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Piriformis Sciatica |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4 |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Piriformis Sciatica | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 18 – Post-Fracture Healing Assessment**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Post-Fracture Healing | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Post-Fracture Healing | XR |  | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Post-Fracture Healing | XR | CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 19 – Preoperative – Known Fracture**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Preop-Fracture |  | 1 | 1 | 4 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Preop-Fracture | MR | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Preop-Fracture | CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Preop-Fracture | MR  CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 20 - Soft Tissue Injury - Hip**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | US Expertise? | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Soft Tissue Injury | Yes |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  | 3 | 1 | 1 | 1 | 1 | 1 | 1 |
| Soft Tissue Injury | No |  | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Soft Tissue Injury | Yes | MR | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  | 4 | 1 | 1 | 1 | 1 | 1 | 1 |
| Soft Tissue Injury | No | MR | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 21 – Hip Tendon Repair - Status Post**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Hip Tendon Repair |  | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hip Tendon Repair | CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

**Condition 22 – Traumatic Hip Pain – Fracture Suspected**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Condition | Priors | Contraindications | CT Arth Hip | CT Hip w | CT Hip wo | CT Hip wwo | MR Hip w | MR Hip wo | MR wwo | MR Arth | MR L-plex | NM Bone Scan | XR Hip | US Hip | CT Pelvis w | CT Pelvis wo | CT Pelvis wwo | MR Pelvis w | MR Pelvis wo | MR Pelvis wwo |
| Hip Trauma Suspected Fracture | No XR |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |  | 4 |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hip Trauma Suspected Fracture | XR |  | 1 | 1 | 3 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hip Trauma Suspected Fracture | XR | MR | 1 | 1 | 4 | 1 | 1 | 1 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hip Trauma Suspected Fracture | XR | CT | 1 | 1 | 1 | 1 | 1 | 4 | 1 | 1 |  |  |  |  | 1 | 1 | 1 | 1 | 1 | 1 |
| Hip Trauma Suspected Fracture | XR | MR  CT | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |  |  |  | 2 | 2 | 2 | 2 | 2 | 2 |

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