



## Radlink Features and Benefits

### *Patented Surgeon's Checklist™ Software*

- Enhances pre-operative and intra-operative radiographic images using algorithms to assess angular and linear relationships between important anatomical landmarks
- Ensures proper implant fit using mathematical precision
- Technologically advanced software captures images and displays, enhances, manipulates, distributes and stores data

### FEATURES:

- **4 second** image acquisition
- **Surgeon's Checklist™** ensures proper implant fit
- **Wireless.** Works with any x-ray generator or C-arm to wirelessly capture and display image to any OR monitor
- **Superior Image Quality**
- **Template software**
- **Built-in PACS**
- **Supervision** allows us to be online with any Radlink unit to run case remotely

#### **Potential to reduce incidence of dislocation and associated costs of closed reductions and revision surgery**

- Ability to verify proper acetabular cup position with GPS may reduce incidence of dislocation
- Improper cup position is leading cause of dislocation
- Total institutional cost over 5-year period was \$718,713 (\$143,743/year)

#### **May reduce re-admission penalties**

- With GPS, X-ray normally taken in recovery room is now taken before closing up
- Medicare charges \$265,000 for each excess readmission after knee or hip replacement surgery that is above the U.S. average

#### **Potential to reduce litigation**

- Use of GPS to compare limb length of operative and non-operative side may reduce incidence of leg length discrepancy
- Leg length discrepancy is leading reason for malpractice suits in orthopedics

#### **Reduces Time and Cost required for intraoperative imaging**

- GPS offers four-second X-ray vs. 12 minutes to process film
- Time savings results in reduced cost per case of approximately \$8,000
- Use of the GPS does not require extra time like navigation. Total time for intraoperative x-ray and measurements is less than 2 minutes per case.

#### **Priced at a fraction of the cost of navigation or robotics**

- Cost is less than \$100,000 compared to more than \$1 million for robotics
- Unlike navigation or robotics, GPS has no disposable costs per case

#### Hardware Configuration Options

- **Tablet** (Microsoft Surface Book)
- **Tower** (GPS Tower includes Dual 24" Touch Screen Monitors and Flat Panel Detector)

#### Software Applications

- **Anterior Approach Total Hip Arthroplasty**
- **Posterior Approach Total Hip Arthroplasty**
- **Total Knee Arthroplasty**