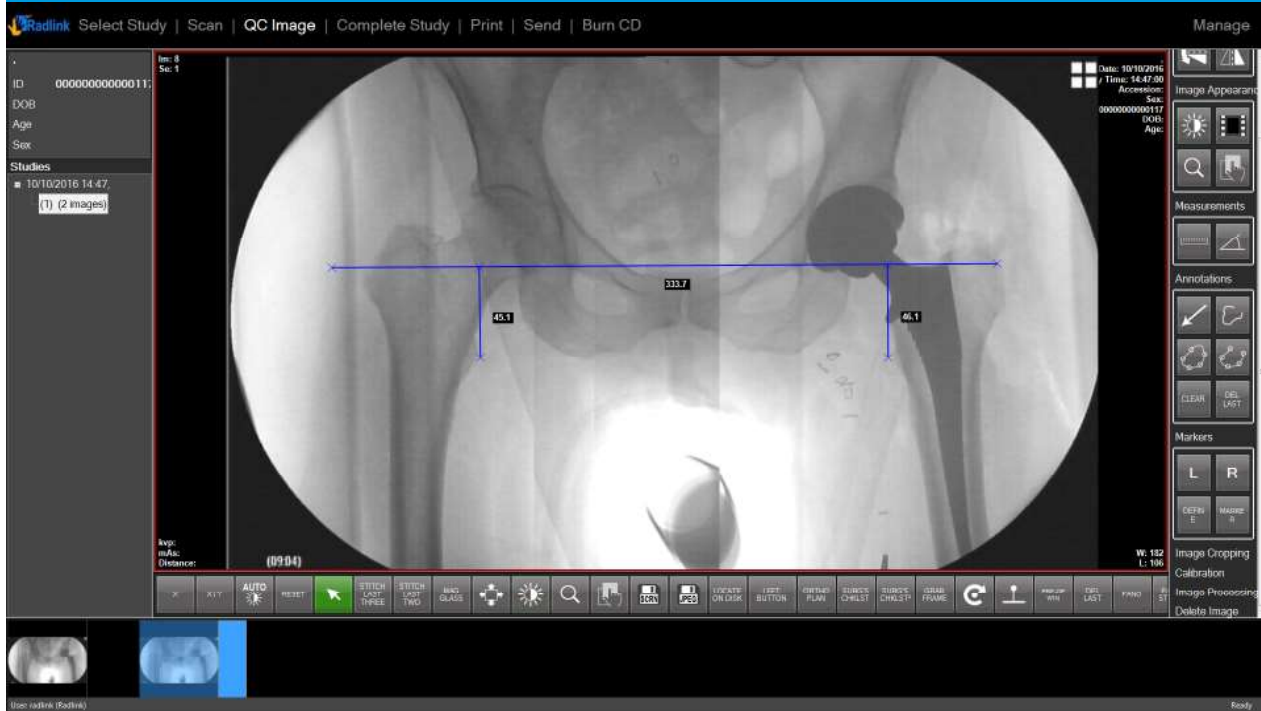


SURGEON'S CHECKLIST  
SOFTWARE  
ANTERIOR & POSTERIOR  
APPROACH THA

# PANORAMIC FLUORO



PARALLAX-FREE FULL AP PELVIS IMAGE USING ANY C-ARM

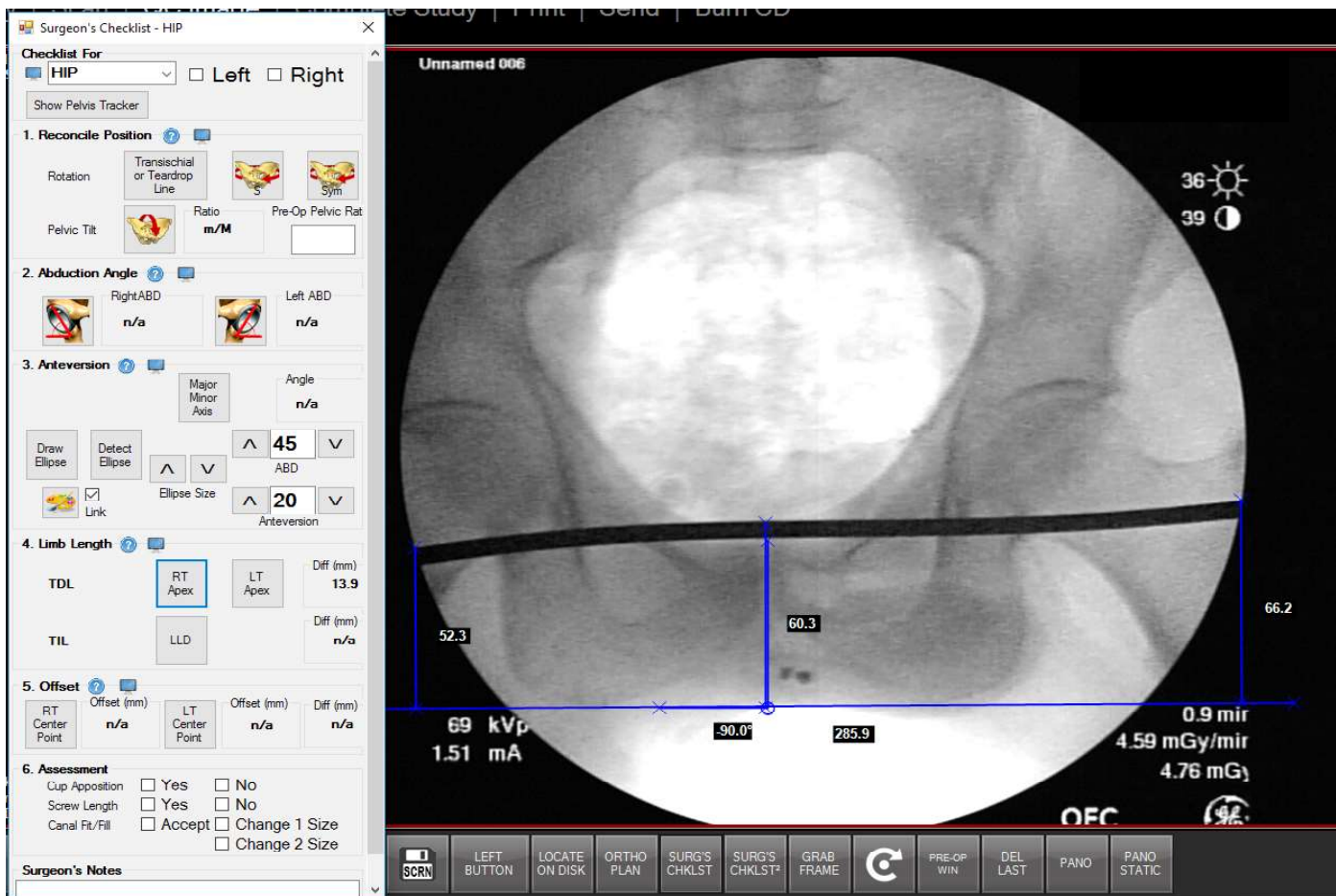
# WHAT IS PARALLAX?

## THE PROBLEM:

AP pelvis image under C-arm is distorted due to parallax. The following C-arm image shows a straight metal bar laying on top of the pelvis, note the bar is shown bent in the image even though physically it's perfectly straight. This distortion makes traditional method of determining leg length by drawing a straight line across the pelvis not always reliable.

## THE TEST:

- Calibrated with the bar at 5mm
- Surgeon's Checklist Limb Length feature used to measure to the top of the bar from the Trans ischial Line



## THE RESULT:

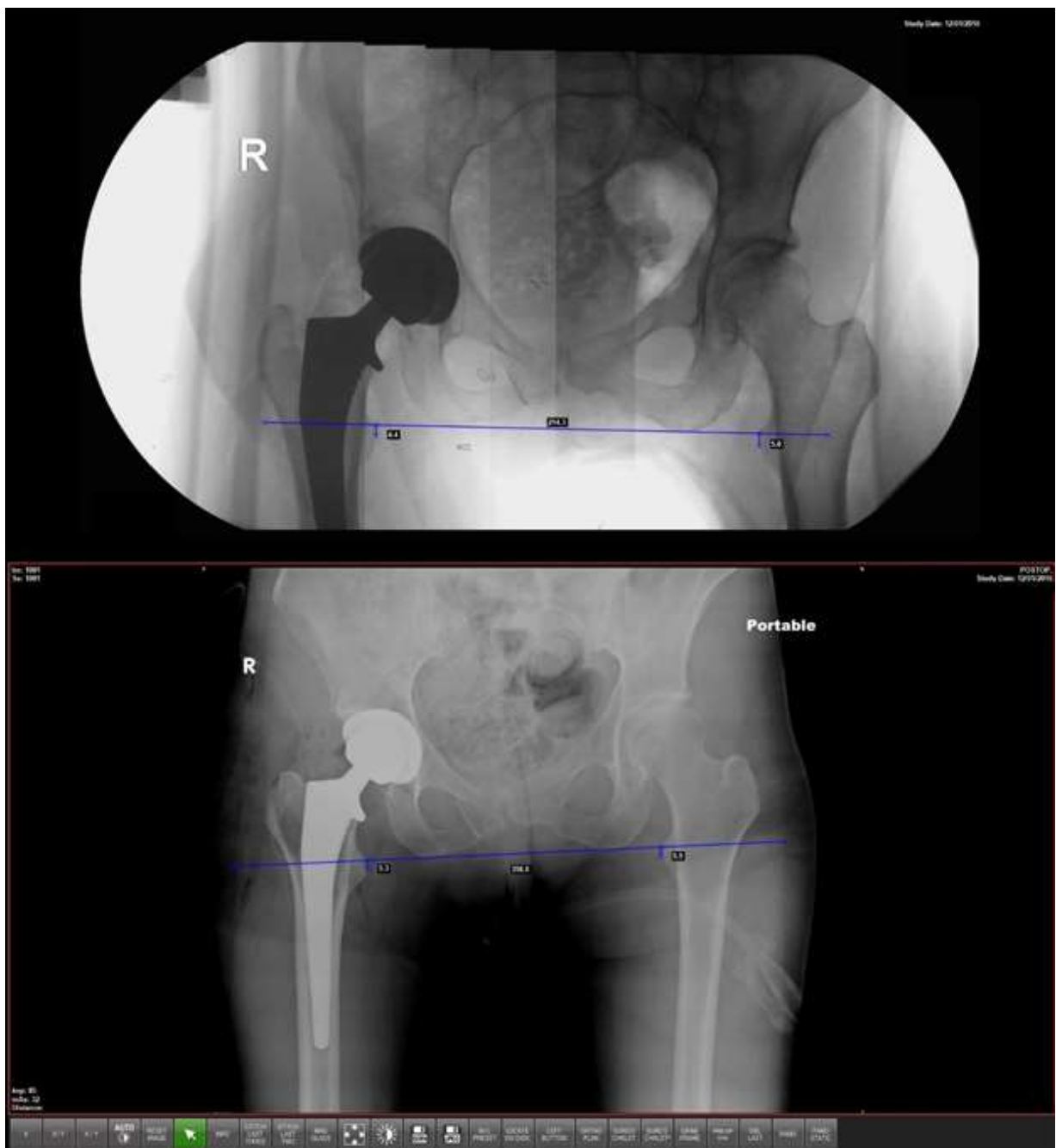
13.9 mm variance from edge to edge

# THE Radlink SOLUTION

## PANO TECHNOLOGY:

- Compare intra-op Pano C-arm image (top) with post-op X-ray (bottom)

**RESULT:** Limb length corrected to within 0.6mm



# HOW IT WORKS:

1

Pano software captures live fluoro video or static X-ray images as the C-arm moves across the pelvis to generate a parallax-free panoramic view of the pelvis

2

Surgeon's Checklist software analyzes image in real time to determine limb length measurements and all relevant parameters pertaining to THA, including "true" cup position, apposition, screw position, offset, femoral component sizing and orientation

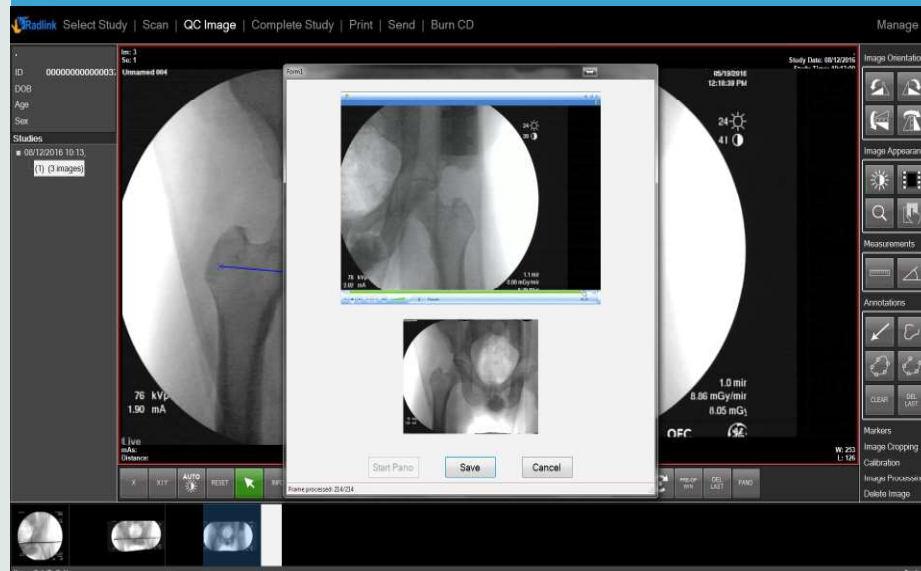
3

Intra-Operative Verification of proper implant positioning based on actual patient image



## WHO BENEFITS:

- Anterior Approach surgeons using C-arm
- Posterior Approach surgeons who prefer the lateral position
- Outpatient Surgery Centers can now save on mobile X-ray by using C-arm for Posterior surgeons



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