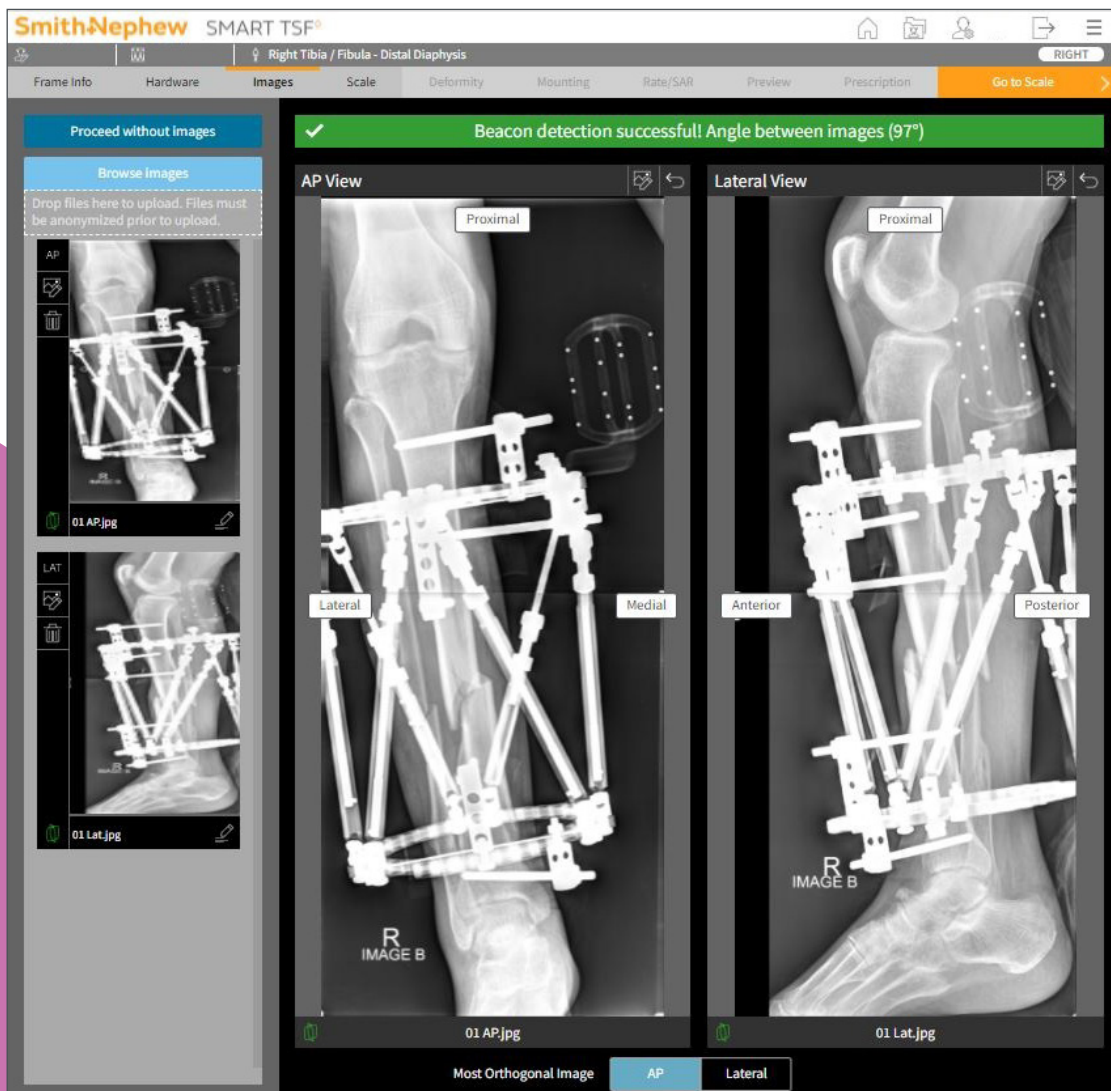


+ Uploading images to SMART TSF Software



How to capture acceptable X-ray images for SMART TSF[®] Software

SMART TSF software allows surgeons to upload X-ray images and perform digital analysis of the deformity.

If the **SMART TSF Beacon** is captured in the X-ray image, Mounting Parameters will be automatically calculated.

Here are some helpful tips to optimize the images for upload:

- Use post-operative images showing the TSF with the **Beacon** and the fracture or deformity for upload to SMART TSF software.
- A minimum resolution of **640px** in the smallest direction is required. Higher resolution images are recommended. Images above **640px** but below **1920 x 2520** will be automatically upscaled upon upload.
- The Beacon is not optimized for use on full-limb standing X-rays.
- The focus of the image should be on the **fracture or deformity** and the **Reference Ring with the Beacon**. Avoid dead space, or extraneous information.
- SMART TSF software has basic image editing tools. Crop the image to trim dead space if necessary.
- Ideally all 16 radiopaque beads of the Beacon are visible on the X-ray. However, most combinations of 12 spheres can allow for proper Beacon detection.
- An orthogonal view of the Reference Ring is not necessary.
- X-ray images should be exported as **.jpg, .png, or .tiff** files from the Image Management System.
- Alternatively, images may be captured using a Desktop screenshot tool. In this case, the monitor should be a large hi-res desktop monitor. Small screen images may not be high enough resolution to allow successful detection of the Beacon.
- A “picture-of-a-picture” will not allow the Beacon to be detected properly by the software.
- Images transmitted by social media apps are compressed and not high resolution enough for use in SMART TSF.

For more information:

- www.smart-TSF.com - See the **Resources** section for tutorials and support documents
- SMART TSF Beacon Package Insert 81116090
- SMART TSF User Manual 81116091
- Contact your Smith+Nephew Representative

