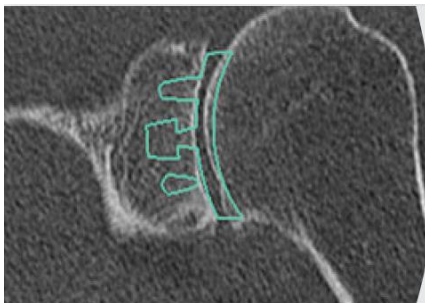


## CT BLUEPRINT

Prior to your joint replacement, Dr. Malcarney may order a CT Blueprint to craft an individualized surgical plan for you. This Blueprint software program allows her to create a shoulder replacement surgical plan in 3D, providing insight into your shoulder anatomy thus increasing precision of implant placement with 3D printed patient specific instrumentation (PSI)<sup>5</sup>.

Using your CT scan, Blueprint creates a 3D model of your shoulder, allowing her to virtually perform your shoulder replacement and determine the surgical plan for you. Your personalized 3D plan is developed in advance of your surgery.



Your CT scan will be uploaded to create an anatomic 3D model of your shoulder and virtually perform your shoulder replacement surgery. Viewing your shoulder in 3D compared to traditional methods allows for a better view of the unique anatomy of your shoulder, additional visualization of the wear patterns in your shoulder which may impact the type of implant used, more precise measurements, better implant types and implant sizes as it relates to your anatomy and implant placement.

**After we have ordered a CT Blueprint, we will send the order to the facility.**

- **If your insurance is contracted with Reno Diagnostic Center (RDC)- they will contact, you to schedule. If you do not hear from them within one week, please call (775) 323-5083.**
- **If your insurance is contracted with Renown- Please call Renown to schedule. (775) 982-8100. Please wait 2-3 days after your office visit to call to allow adequate time for the order to arrive.**