

# A CUSTOMIZED SOLUTION AS UNIQUE AS YOU

Virtual Implant Positioning™ (VIP)  
Preoperative Planning System



**Arthrex**® 

## GET BACK TO **LIVING LIFE FULLY**

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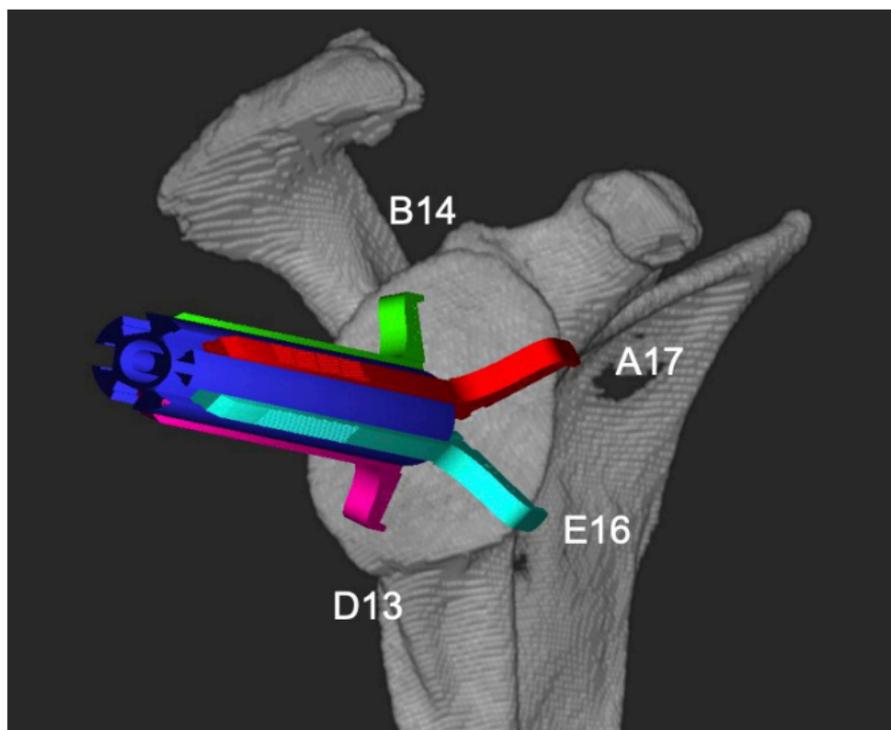
Your surgeon has prescribed shoulder replacement surgery to treat your shoulder disease/degeneration. This brochure provides information about the cutting-edge technology that will be used to carefully plan your procedure. Precision surgical planning with the VIP™ system can help you get back to performing everyday activities and living the active, healthy lifestyle you love.



## WHAT IS THE VIP™ SYSTEM?



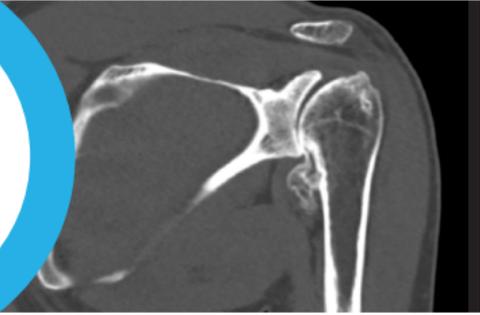
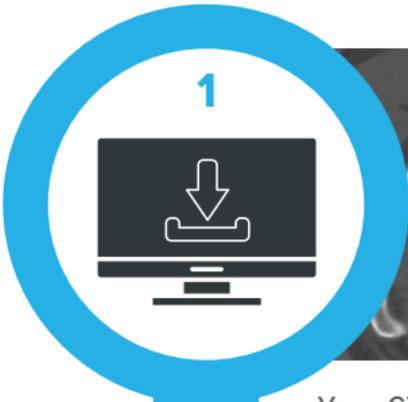
Before surgery, your surgeon will prescribe a CT scan to get detailed pictures of your shoulder. They will then use an advanced software, the Virtual Implant Positioning (VIP) system, to create a three-dimensional image of your shoulder and virtually perform your operation. This exercise helps ensure your diagnosis is accurate and the best implant for your specific shoulder is selected.



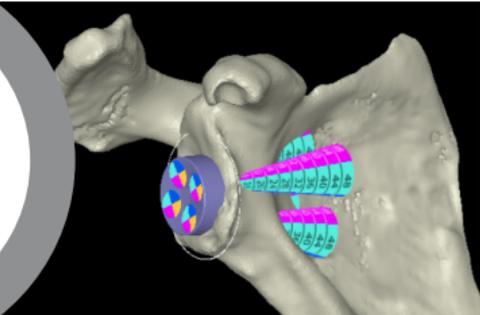
Your virtual surgical plan is then transferred to your procedure with instrumentation specific to your shoulder, which helps your surgeon place the implant as accurately as possible to minimize potential complications.

# HOW DOES THE VIP™ SYSTEM WORK?

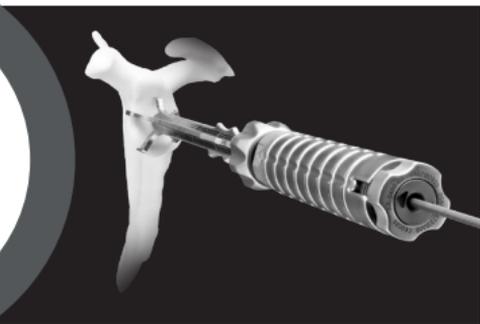
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Your CT scan is loaded into the VIP system's web-based software



Your personalized surgical plan is developed by your surgeon



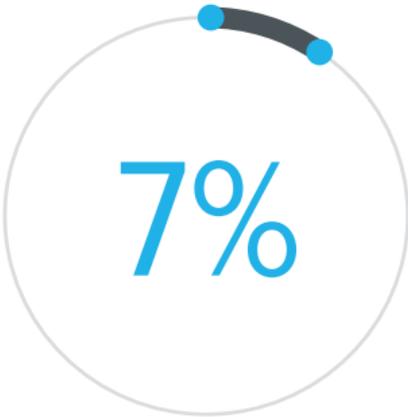
In the OR, your surgeon uses instrumentation specific to your shoulder to place your preselected implant

Your surgeon's expertise combined with using the VIP system may reduce or eliminate complications like unusual post-op pain, increased infection rates, decreased range of motion, and the potential for long-term implant failure.<sup>1-7</sup>

# AIMING FOR **SUCCESS**

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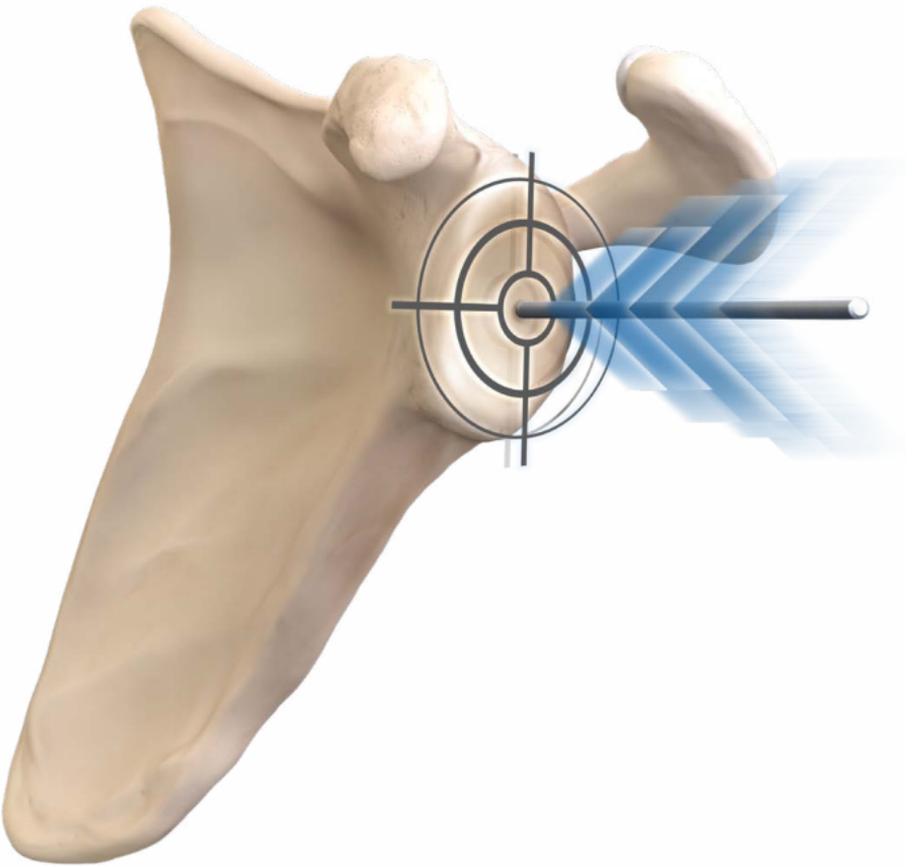
## Accurate Execution of Surgical Plan<sup>1</sup>



**WITHOUT**  
VIP INSTRUMENTATION



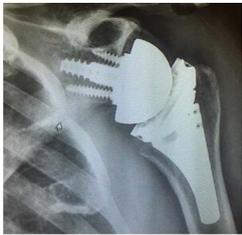
**WITH**  
VIP INSTRUMENTATION



Similar to a pilot relying on an accurate flight plan for a smooth journey, your surgeon can depend on your personal VIP plan for a smooth surgical operation. They choose to partner with the VIP system to help give you the best chance of getting back to the activities you love.

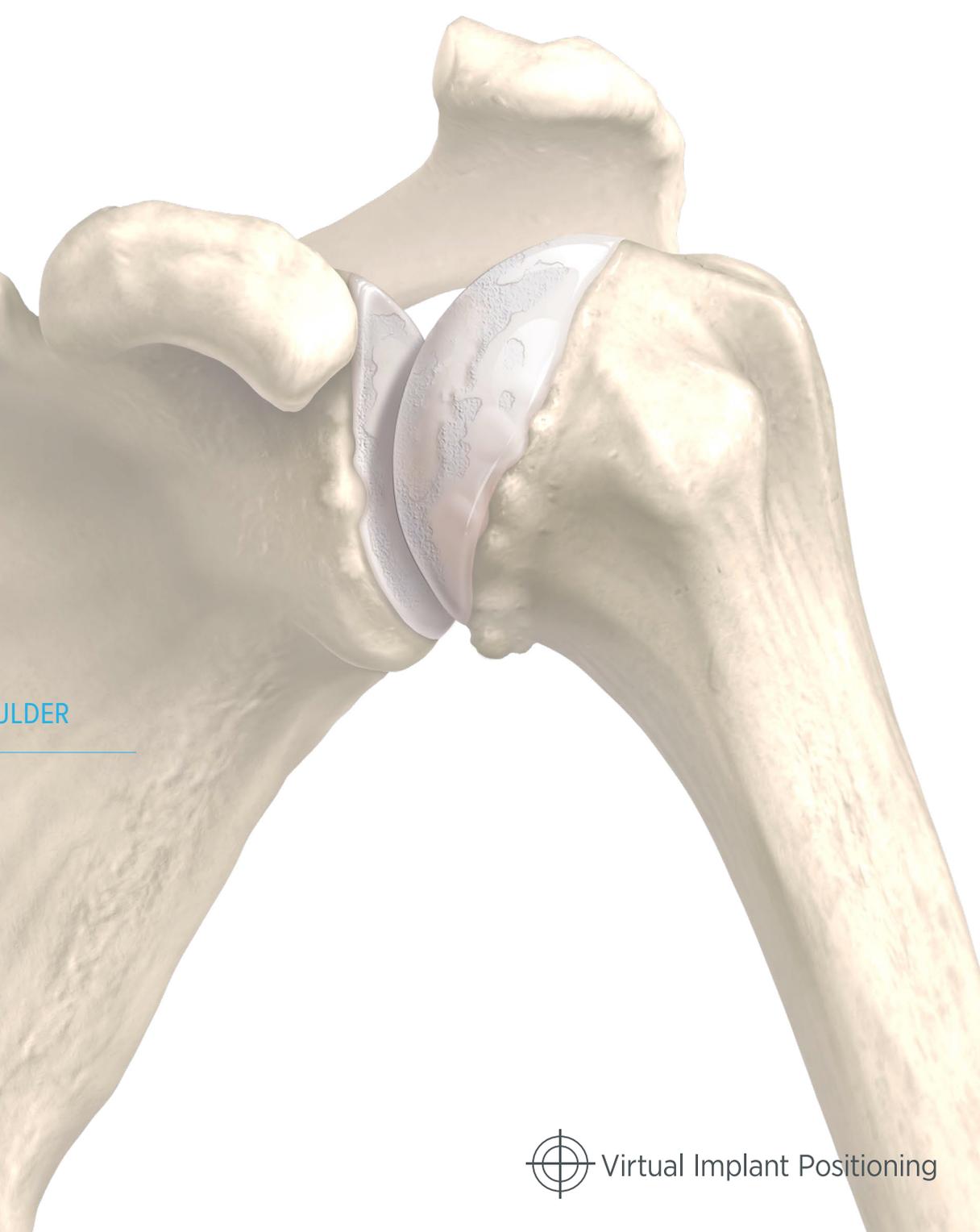
**REVERSE SHOULDER**

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**ANATOMIC SHOULDER**

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Visit **ORTHOILLUSTRATED.COM** for more information about the VIP™ system.

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## References

1. Iannotti J, Baker J, Rodriguez E, et al. Three-dimensional preoperative planning software and a novel information transfer technology improve glenoid component positioning. *J Bone Joint Surg Am.* 2014;96(9):e71. doi:10.2106/JBJS.L.01346
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4. Yian E, Chan PH, Navarro RA, Singh A, Dillon MT. Surgeon-controllable risk factors for periprosthetic infection: an analysis of 8,056 shoulder arthroplasties. *J Shoulder Elbow Surg.* 2017;26(5):PE160. doi:10.1016/j.jse.2016.12.035
5. Virani NA, Cabezas A, Gutiérrez S, Santoni BG, Otto R, Frankle M. Reverse shoulder arthroplasty components and surgical techniques that restore glenohumeral motion. *J Shoulder Elbow Surg.* 2013;22(2):179-187. doi:10.1016/j.jse.2012.02.004
6. Keener JD, Patterson BM, Orvets N, Aleem AW, Chamberlain AM. Optimizing reverse shoulder arthroplasty component position in the setting of advanced arthritis with posterior glenoid erosion: a computer-enhanced range of motion analysis. *J Shoulder Elbow Surg.* 2018;27(2):339-349. doi:10.1016/j.jse.2017.09.011
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