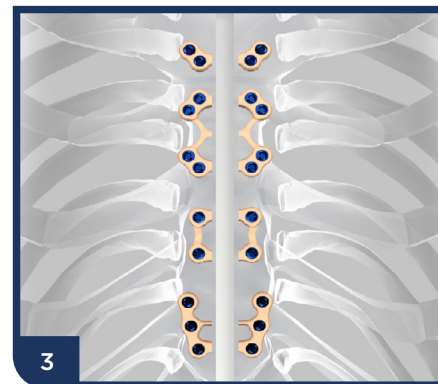
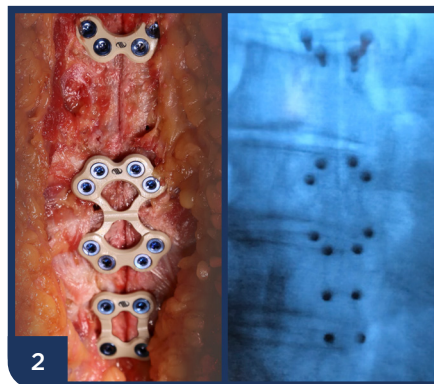


ALL ABOUT PEEK



As you probably recall from our training with our manufacturing partner Invibio®, we have some very specific advantages when it comes to the use of PEEK. For sternal closure specifically, we are literally the **ONLY** company on the market that can offer this advantage. We can talk about how PEEK can automatically contour to the anatomic curvature of each individual patient without the need for pre-bending (1). Our plates are completely radiolucent, allowing unobstructed post-op imaging (2). In a high-stress emergency situation when the surgeon needs the sternum re-opened **NOW**, our plates are easily cut, giving the hospital staff one extra measure of safety and re-assurance (3). Also, the modulus of elasticity of PEEK is very similar to that of native bone, allowing our plate/screw constructs to move naturally with the body, creating a load-sharing, rather than load-bearing situation. This can help “protect” the bone adjacent to the plate.

PEEK is well-known and accepted as a high tech, space age polymer with countless applications throughout the body. **HOWEVER**, when you talk to a cardiac surgeon about it, they may have never heard of it! This actually isn't very surprising considering all the uses of PEEK involve bone.

So.... knowing you will most likely get questions about PEEK, it probably pays dividends to spend some time educating yourself as much as possible. You will never know everything but just the exercise of studying up on it a bit will add to your own confidence. As you've probably figured out over the years, complete confidence in your product is more than half the battle!

Luckily for us, Invibio has compiled a TON of information, which is all available in one spot. We can read clinical case studies, articles reviewing different product applications, abstracts, brochures, white papers, journal articles, and peer-reviewed publications.

So how do you access this wealth of knowledge? [CLICK HERE](#)