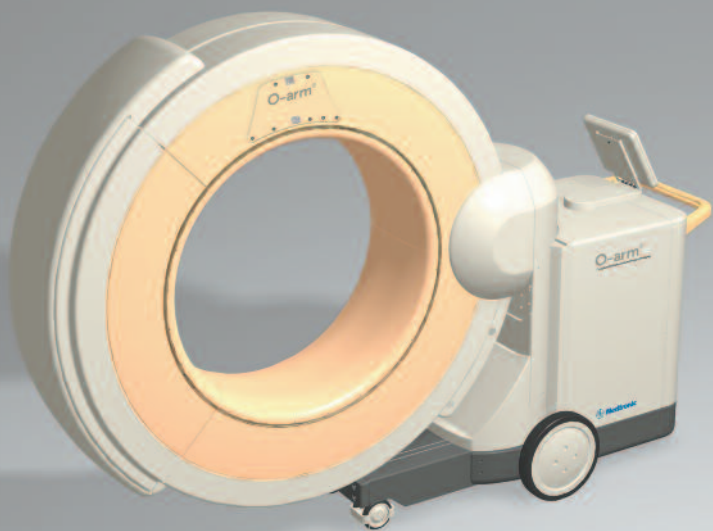


# Navigating Surgery with O-arm

## *A Patient's Guide*



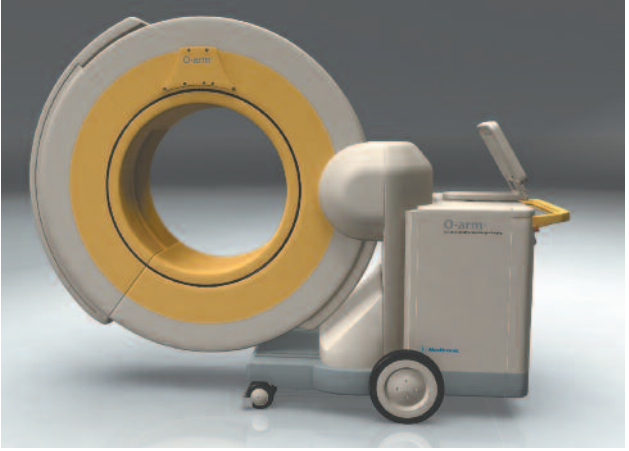
## **Welcome**

Welcome to the Bon Secours St. Francis Neuro-Spine Center. We are proud to be the first facility in South Carolina and one of a select few in the world to offer neurospine surgery with O-arm, a complete multi-dimensional surgical imaging system.

## **A GPS for Your Body**

During back or spine surgery, precision is everything. O-arm technology allows your surgeon to view clear, real-time images of your body during surgery. These images allow your surgeon to see precisely where to place instruments and to make the best decisions during your surgery.





## O-arm = Better Outcomes

Surgery with the O-arm Imaging System enables your surgeon to:

- Navigate more precisely through delicate anatomy at exactly the right angle
- Use smaller and fewer incisions
- Preserve healthy tissue
- Minimize complications, pain, recovery time and the need for repeat procedures

## How Does O-arm Work?

The O-arm's gantry forms a ring around your body. The gantry then rotates to take 2-D fluoroscopy (real time moving x-rays) and 3-D images around the body. The O-arm also has a navigational component, like a GPS, that allows your surgeon to track instruments in relation to your anatomy, monitor the anatomy itself and quantify soft tissue balancing. This type of navigation is vital when working in areas like the spinal cord where accurate instrument placement is critical.

To learn more about O-arm, contact your physician or visit [www.rsfh.com/oarm](http://www.rsfh.com/oarm)