



# Medtronic

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**The O-arm® Intra-operative 2D/3D Imaging System**

In today's operating room, imaging is a vital tool for the surgical team striving for the best patient outcomes. The O-arm® Intra-operative Imaging System brings intra-operative imaging to a new level by giving surgeons the information they need, when they need it most.

Designed specifically for use by surgeons in standard operating rooms, the O-arm® Imaging System, with its patented breakable gantry, yields high-quality imaging for intra-operative purposes. The large image volume reduces the need for recentering of the image and allows the surgeon to comfortably handle cases where large areas need to be visualized.

Images are displayed on the large, 30" digital, flat screen of the O-arm® System Mobile View Station (MVS), providing the surgical team with excellent visibility from the operative field.

A full 360° 3D scan can be performed in just a few seconds, thanks to the closed gantry of the O-arm® System. The best imaging positions can be set up at the beginning of the surgery, and the O-arm® System will recall these positions any time during the surgery at the touch of a button, reducing manual repositioning and the risk of errors, letting surgeons concentrate on the patient in a controlled and sterile environment. Surgeons have the flexibility to choose between a full 3D scan and a simple, low-radiation, 2D fluoroscopic image, depending on the information needed.

O-arm® System Benefits include:

- Ease of use – A simple, intuitive central panel allows control of all motions and X-ray settings at the touch of a button. An identical second control panel can be draped and used within the sterile surgical field to give the surgeon full control. Patented “breakable” gantry opens to allow lateral patient access.
- With StealthStation integration there is reduced radiation exposure to surgeons and staff as compared to C-arm guided workflows.
- Improved visualization during complex and minimally invasive procedures
- Full Mobility – motorized, robotic positioning in the operating room.
- Sterile workflow – when the O-arm is draped, the closed gantry is designed to stay sterile during the whole procedure, eliminating parts moving in and out of the sterile field.

For more information visit [www.medtronicneurosurgery.com](http://www.medtronicneurosurgery.com)