

Breast Cancer Treatment in Minutes

Understanding
Electron-Beam IORT



Getting to Know IntraOp and The Mobetron

IntraOp Medical Corporation is the pioneer in portable electron-beam Intraoperative Radiation Therapy (IORT). Since introducing the Intraop® Mobetron® in 1998, IntraOp has transformed cancer treatment by bringing safe and reliable radiation technology into the operating room.

The Mobetron is used by the leading cancer physicians in the best hospitals, clinics and academic centers around the world. The Mobetron is the first mobile, self-shielded electron-beam linear accelerator (LINAC) designed to deliver Intraoperative Radiation Therapy (IORT) to cancer patients during surgery.

Completing radiotherapy is an essential step in your fight against breast cancer. Electron-beam IORT has proven to be particularly effective providing safe and comfortable radiation treatment with fewer side effects.

What's more is that Mobetron reduces radiation treatment from *weeks to minutes*.

“With Mobetron I could look my patients in the eye and tell them, yes, this is the best device and there isn't anybody that is going to get it better.”

DR. JULIE REILAND, MD, FACS

Surgical Oncologist, Avera Regional Cancer Center



What is IORT?

The Mayo Clinic defines Intraoperative Radiation Therapy (IORT) as an intensive radiation treatment administered during surgery. IORT allows direct radiation to the target area while sparing normal surrounding tissue.

Wikipedia states that the goal of IORT is to improve local tumor control and survival rates for patients with different types of cancer. We think they're both correct. But that doesn't tell the whole story.

Mobetron does more.

By using electron beams, Mobetron advances cancer treatment and builds upon the foundational benefits of traditional IORT. For the patient, this means radiation is safer and treatment and recovery times are considerably quicker.

The Many Advantages of IORT with Electrons.

Clinical data confirms that success rates among breast cancer patients treated with electron-beam IORT are excellent. Leading surgical and radiation oncologists will attest to electron Intraoperative Radiation Therapy as a core component of their comprehensive cancer program. *Why?* Because it is proven to provide:

- ▶ Highly targeted radiation
- ▶ Spares healthy tissue and skin
- ▶ Shorter treatment time
- ▶ Fewer side effects
- ▶ Greater comfort

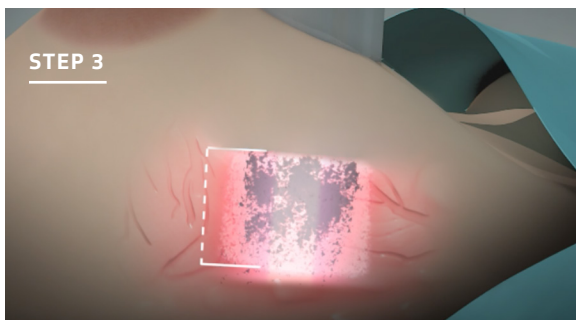
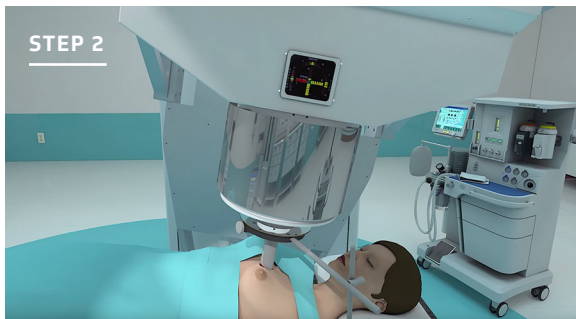
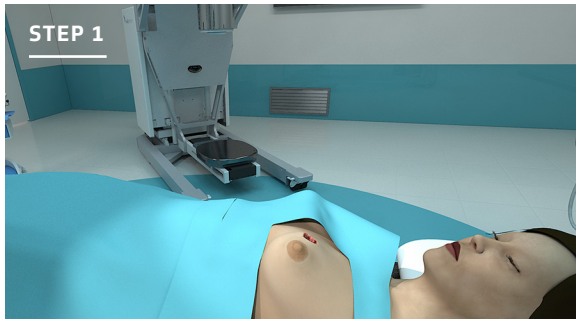
A Team Approach to Your Care.

Every healthy relationship requires communication and collaboration. The same is true in healthcare. Mobetron brings every discipline of oncological talent together in the operating room on the day of surgery to provide the best care for their patients. From surgical and radiation oncologists—to physicists, nurses and support staff—with Mobetron electron-beam IORT, you can be certain there is a formidable team working on your behalf.



Treatment with Mobetron: What to Expect

Speak with your doctor about the specific process they will employ during your treatment with Mobetron. But in general terms, you can expect your treatment to include the following steps:



“Following treatment with Mobetron, I had no problems. I went home on Thursday night. Rested on Friday. And I went to a concert on Saturday.”

JOYCE

St. Joseph Hospital cancer patient, survivor and thriver

Surgically Remove the Tumor

Mobetron treatment is conducive to conventional lumpectomy and oncoplastic techniques. This process engages your entire oncological team and establishes the groundwork for treatment.

Target Remaining Cancer Cells

After tumor removal, your medical team selects the appropriate applicator and, using laser alignment technology, positions the Mobetron over the tumor bed to administer radiation.

Treatment with Precise Radiation

Mobetron administers a targeted dose of radiation to the tumor bed; typically in two minutes or less. Following treatment, the incision is closed and the patient is prepared for recovery.

Treatment in Minutes. *Really.*

It may be hard to believe, but the Mobetron reduces radiation treatment from weeks to minutes.

A single treatment of electron-beam IORT can replace up to 30 separate treatments required with traditional radiation therapy. For patients and their families this means spending less time at the hospital and getting back to what is most important—living.

“For me, the use of Mobetron meant that my life wasn’t interrupted as much. Other treatments would have taken twice, or maybe three times as long.”

LUANN

Avera Regional Cancer Center cancer patient, survivor and thriver

Life After Cancer Looks a Lot Better.

As if the advantages of shorter treatment with fewer side effects weren’t enough, long-term clinical data supports what your doctor has likely already explained to you: Mobetron, and electron-beam IORT will provide your best probability of the following outcomes:

SHORTER RECOVERY TIME
BETTER COSMETIC OUTCOMES
IMPROVED QUALITY OF LIFE
TREATMENT ON YOUR TERMS





Frequently Asked Questions

Q: *Who is a candidate for IORT with electrons?*

A: Only your doctor can determine whether you are an appropriate candidate for IORT. But you owe it to yourself and your family to learn as much as possible about Mobetron and electron-beam IORT.

Q: *Is this a new technology?*

A: In terms of medical technology, no. IntraOp is the pioneer in portable electron-beam Intraoperative Radiation Therapy (IORT). The Mobetron has been FDA approved since 1998 and has been utilized to treat more than 7,000 breast cancer patients.

Q: *What can I expect on the day of surgery?*

A: Request a pre-surgery consultation with your doctor and medical team to better understand their protocol during your day of surgery and what to expect following your treatment.

Q: *Should I expect any side effects?*

A: Clinical research confirms that IORT with electrons produce fewer side effects than many forms of radiotherapy. Typically, there is minor redness, soreness and bruising that might occur. Speak with your doctor about what to anticipate.

Q: *Is treatment with Mobetron safe and effective?*

A: Long-term clinical research data proves that IORT is both safe and effective for qualified candidates. Mobetron has been most successful for patients with the following cancer indications:

- ▶ Breast
- ▶ Head & Neck
- ▶ Colorectal
- ▶ Pancreatic
- ▶ Sarcomas
- ▶ Gynecological



About IntraOp

IntraOp is based in the heart of California's Silicon Valley. We employ the world's leading physicists, engineers and designers to deliver electron-based cancer treatment devices to hospitals, university research centers, and specialized cancer clinics in North America, Europe and Asia. Our name embodies the future of cancer therapy. IntraOp is accelerating the cure.



Ask your doctor whether you're a candidate for IORT with electrons.

Find out more at:

intraop.com/cancer-patients
