



Health Care & Pharma

Valley-Mount Sinai launches new, novel breast cancer treatment

By **Vince Calio**, January 30, 2018 at 2:09 PM

Paramus-based **Valley-Mount Sinai Comprehensive Cancer Care** has launched a new breast cancer treatment called “breast IORT” to deliver radiation treatment to patients in the operating room following surgery to remove breast tumors.

The lumpectomy treatment is intended to eliminate the need for weeks of post-surgery radiation therapy, which should translate to shorter post-surgery treatment times, fewer side effects, reduced costs and an improved quality of life for breast cancer sufferers. The procedure also limits radiation exposure to the heart, and is available to patients with early-stage breast cancer who are age 50 and older.



Paramus-based Valley-Mount Sinai Comprehensive Cancer Care has launched a new breast cancer treatment called “breast IORT.” - (FILE PHOTO)

“The IORT procedure uses a miniaturized X-ray source to deliver a full course of targeted radiation from inside the body, directly within the tumor cavity where the cancer is most likely to recur,” said Dr. Michael Wesson, co-director of radiation oncology at Valley-Mount Sinai Comprehensive Cancer Care and clinical assistant professor at the Icahn School of Medicine at Mount Sinai, in a press release. “This destroys cancer cells while reducing the risk of damage to nearby healthy tissues, including the heart, lungs and ribs.”

Dr. Chad DeYoung, co-director of radiation oncology at Valley and clinical assistant professor at ISMMS, said in a statement, “This helps minimize potential side effects, which are more common with whole breast irradiation.”