

BREAST CANCER INNOVATION

SAVI SCOUT®: Making Lumpectomies Easier for Women with Breast Cancer

Introduction

The American Cancer Society estimates that 252,710 new cases of breast cancer will be diagnosed in women this year alone, making this the second most common type of cancer found in women. Of those over 250,000 women, an estimated 8,160 of them will reside in the state of Michigan. Munson Healthcare strives to provide high-quality health care services for the people of northern Michigan, including those faced with a cancer diagnosis. Having leading-edge equipment is critical for providing this level of care close to home.

The Need

Current lumpectomy procedures (surgical excisional biopsy) begin with wire localization, where a radiologist guides a thin, hooked wire through the skin up to several hours before surgery. The wire is then used to locate the specific location of an abnormality. Wire placement can occur several hours prior to the surgery, causing the patient a significant amount of increased anxiety, discomfort and reduced satisfaction.

Radar localization, in contrast, is a less invasive alternative to wire localization. A reflector, smaller than a grain of rice, is placed at the site of the abnormality as early as one month before surgery. Patients are able to carry out their normal activities and routines leading up to the surgery with no limitations. During the procedure, the SAVI SCOUT® guide emits a non-radioactive radar signal to detect the location of the abnormality within 1mm. The device is then removed along with the abnormal tissue, leaving behind the largest amount of healthy breast tissue possible.

The precision of the SAVI SCOUT® has the potential to increase the number of successful surgeries and satisfactory cosmetic results while decreasing discomfort and recovery time. Cianna Medical reports that 70 percent of SAVI SCOUT® patients return to work the next day. The SAVI SCOUT® was designed to make breast cancer surgery easier for women and more efficient for health care providers. SAVI SCOUT® has won numerous accolades including the 2016 Scientific Impact Award.

Estimated Costs

Munson Medical Center is requesting funding to purchase the SAVI SCOUT® Radar Localization System. This purchase will provide patients with a faster and more comfortable lumpectomy procedure and position Munson Healthcare as a leader in innovative treatment. **The cost of the SAVI SCOUT Radar Localization System is \$141,000.**



How You Can Be Involved

Gifts to support this effort can be made to:

Munson Healthcare Foundations
1150 Medical Campus Drive
Traverse City, MI 49684
(231) 935-6482

www.MunsonHealthcare.org/foundation