Breast Cancer Survivorship Studies

Interested in helping with important breast cancer research?

• We are a group of international clinicians and researchers hoping to further understand the impact of breast cancer treatments on body image, fear, pain, quality of life, function, sensation, and nerve sensitivity.

• **Who can help?**
  o Women who have completed treatment (all planned surgeries and radiation) for unilateral breast cancer **AND** women with no history of breast cancer can participate in this study.

• **How can you help?**
  o By participating (study details below) and/or passing along the information to those who may be interested in participating.

*For more information, contact:*

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Women 18 years or older with a diagnosis of unilateral breast cancer who have completed treatment (all planned surgeries and radiation) within 1-3 months prior to study enrollment are eligible to participate in Study #1 and #2. Women without a history of breast cancer can also participate in the healthy comparison groups.

**Study #1:** Effects of breast cancer treatment on nerve sensitivity over time
- Attend three 2-hour examination sessions (each six months apart) looking at your sensation and arm mobility. Information about your medical history, abilities, quality of life, body perception (including body image and fear) will also be collected.
  - $25 gift cards and parking validation provided for each session completed.

**Study #2:** Effects of breast cancer treatment on nerve mobility
- Attend one ~1.5 hour examination session looking at the nerve mobility in your arm through ultrasound imaging during common wrist movements. Information about your medical history, abilities, quality of life, body perception (including body image and fear) will also be collected.
  - $25 gift card and parking validation provided for completed session.

**Study #3:** Effects of breast cancer treatment on body perception
- Women 18 years or older with a diagnosis of unilateral breast cancer who have completed treatment (all planned surgeries and radiation) within 1 month to 5 years prior to study enrollment are eligible to participate in this online study. Women without a history of breast cancer can also participate in the healthy comparison group.
- The study can be completed, in ~30 minutes, at your convenience by using a computer or tablet with internet access. Testing includes examining your ability to recognize right and left sides of the body (hand, shoulder, breast) when shown photographs of each. Information about your medical history, abilities, quality of life, body perception (including body image and fear) will also be collected.