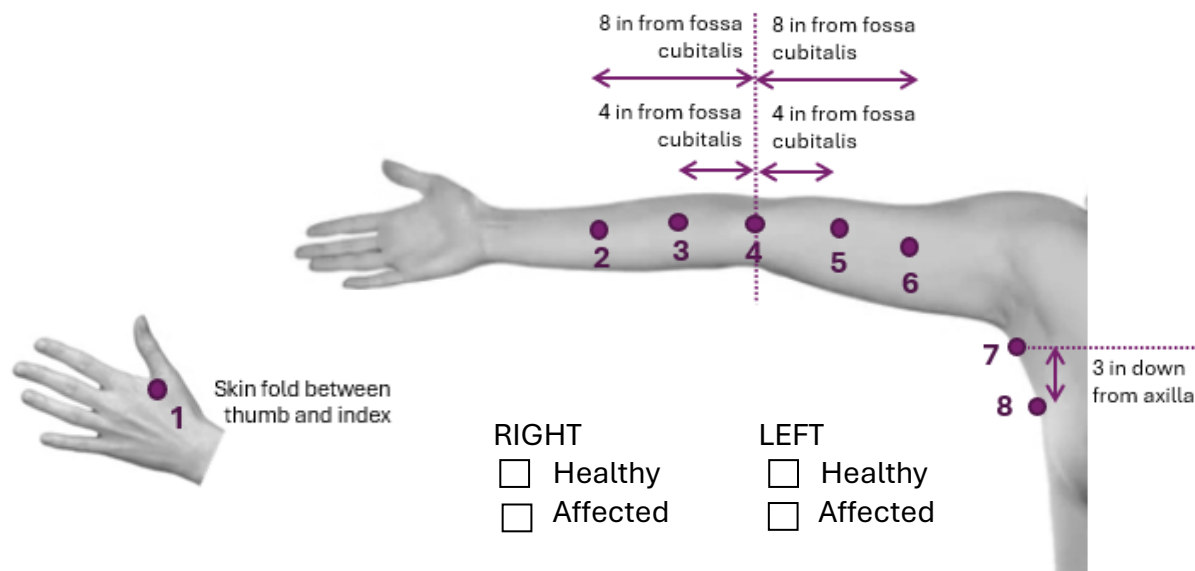


Measurement protocol for lymphedema in arm - LymphScanner

Subject's name or id _____ Date _____



MEASUREMENT INSTRUCTIONS

- Measure with the LymphScanner at sites 1 to 8 in numerical order starting from site 1, first on the healthy side and then on the affected side at the corresponding location
 - Healthy side, site 1, affected side, site 1
 - Healthy side, site 2, affected side, site 2, etc.
- Record the readings from the device's display to the table below.

Site	Healthy Side (Ref)	Affected Side (PWC)	Ratio
1			
2			
3			
4			
5			
6			
7			
8			

INTERPRETATION

Ratio is the quotient of the measurement values of affected side and healthy side. The LymphScanner calculates the ratio automatically when used in Scan mode.

Ratio ≥ 1.20 indicates lymphedema.

Example Healthy Side: 33 %
 Affected Side: 48 %
 Ratio: 48 % / 33 % = 1.45

Reference: Tissue dielectric constant (TDC) measurements as a means of characterizing localized tissue water in arms of women with and without breast cancer treatment related lymphedema, H.N. Mayrovitz, D.N. Weingrad, S. Davey, Lymphology 47 (2014).

For users in the United States: LymphScanner is a device utilizing inter-arm ratios of tissue dielectric constant (TDC) that supports local assessment of tissue water differences between affected and contralateral non-affected arm tissues to aid in forming a clinical judgment of unilateral lymphedema in adult women. The device is not intended to make a diagnosis or predict arm lymphedema. FDA Clearance 510(k) K220557.
 Measurements on other sites for experimental/research use only.