Ville Marie Breast Thermography Grading Scale
As adapted by The Thermography Service of Integrative Life Solutions, Clemmons, NC
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Abnormal Signs *:
1. Significant vascular asymmetry
2. Vascular anarchy (unusual tortuous or serpentiginous vessels that form clusters, loops, abnormal arborization, or aberrant patterns)
3. A 1°C (1.8°F) focal increase in temperature ($\Delta T$) when compared to the contralateral site and when associated with the area of clinical abnormality
4. A 2°C (3.6°F) focal $\Delta T$ versus the contralateral site
5. A 3°C (5.4°F) focal $\Delta T$ versus the rest of the ipsilateral breast when not present on the contralateral site
6. Global breast $\Delta T$ of 1.5°C (2.7°F) versus the contralateral breast
*Unless stable on serial imaging or due to known non-cancer causes (local infection, recent benign surgery, trauma, bruising, etc.).

Breast Infrared Grading Scale:

TH-1 (Normal) Absence of any vascular pattern to mild vascular symmetry
TH-2 (Normal Vascular) Significant but symmetrical vascular pattern to moderate vascular asymmetry, particularly if stable
TH-3 (Equivocal) One abnormal sign
TH-4 (Abnormal) Two abnormal signs
TH-5 (Severely Abnormal) Three abnormal signs

Thermography Conditions:

Infrared imaging takes place in a draft-free, thermally controlled room maintained between 20°C and 21°C (68°F – 70°F) after a 15-minute equilibration period during which the client is disrobed above the waist (for a breast scan) with hands and arms held away from the sides. Clients are asked to refrain from alcohol, coffee, smoking, exercise, deodorant, powders and lotions prior to imaging. Jewelry near the chest and neck is to be removed. Cell phones and microwave devices are not permitted near the client during the cool-down or the exam.