

Appendix C

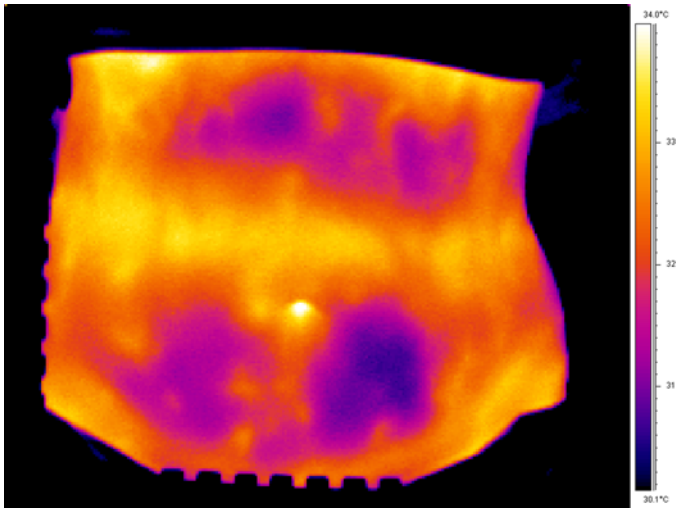
Infrared Control Group Images

This appendix contains representative images collected from the infrared control group. Sometimes statistical analysis or verbal generalizations obscure or downplay the uniqueness of individual differences. These images are provided in this format to graphically illustrate the variability of abdominal thermal features in nonepileptic individuals.

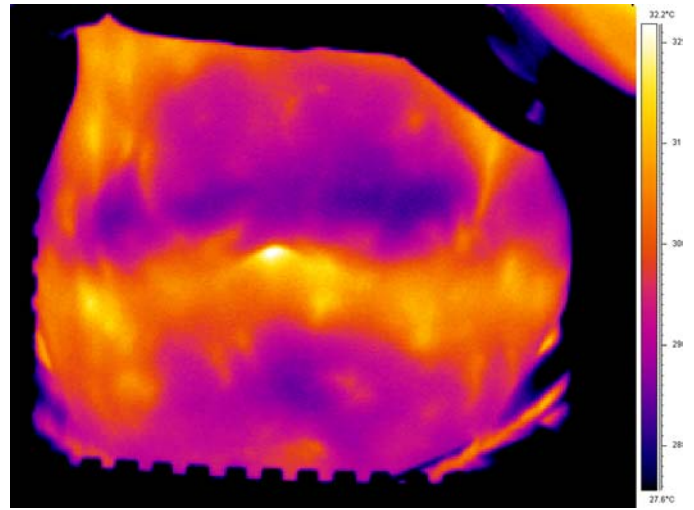
Each set of images consists of a baseline image taken when the participant first entered the room and bared the abdomen, a second image after 20 minutes of equilibration at room temperature (between 18-23 degrees C.), and a third image following an alcohol swab of the abdomen as described in the methods section of the infrared thermography portion of the report.

The temperature range (and thus the coloration) for each image was obtained using the software's "auto adjust scale" feature which automatically selects the optimal thermal range for each image. The temperature scale for each image has been included so that viewers can get a sense of the relation of the colors with actual temperatures. Also note the presence of the centimeter scales included at the left and bottom of each image to provide a relative spatial scale for the image.

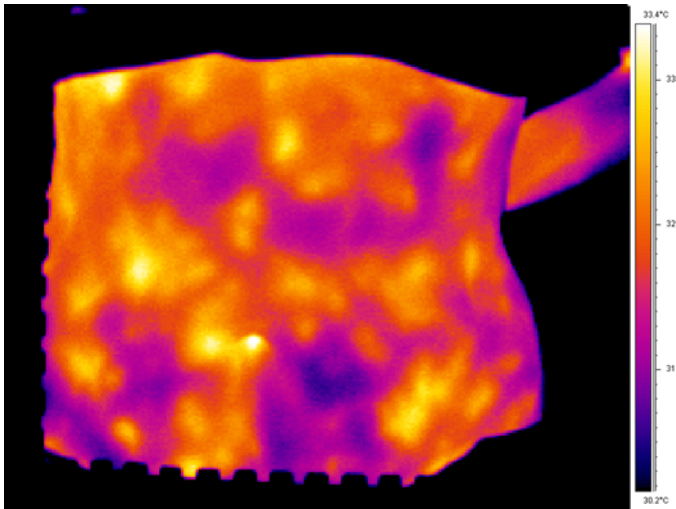
Our basic finding for this group is that there is considerable variability of abdominal thermal features as indicated by the images in this appendix. However, there does not appear to be a *consistent* cold spot on the right side of the abdomen in this nonepileptic sample. Thus if a *consistent* cold spot were documented in a subgroup of epilepsy patients, this anomaly could not be considered as simply a variant of normal abdominal thermography.



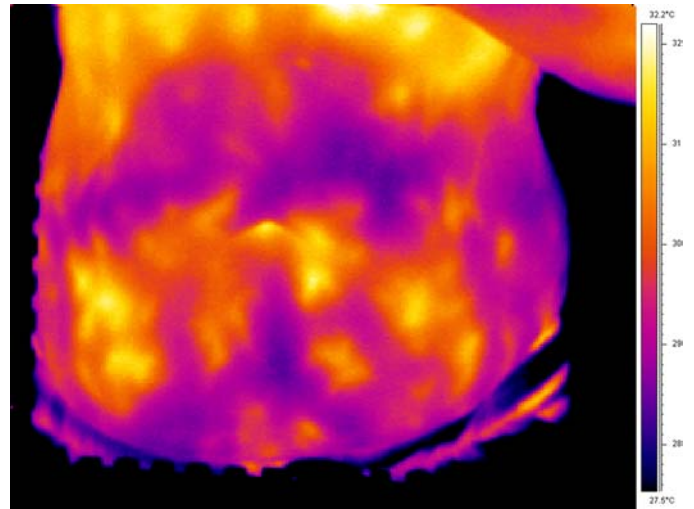
Baseline



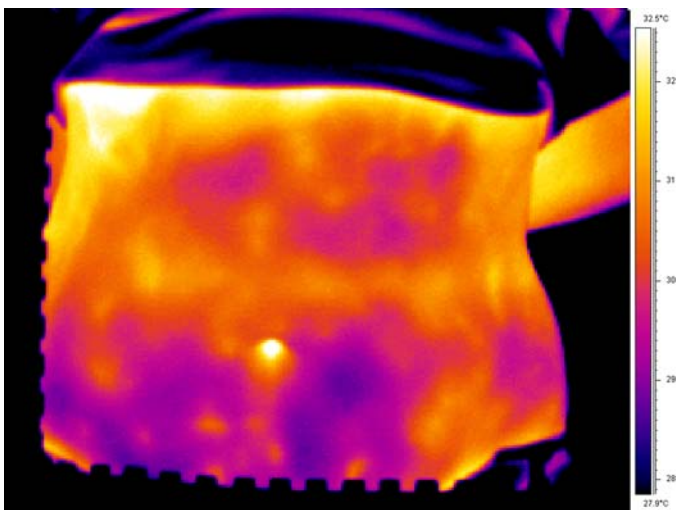
Baseline



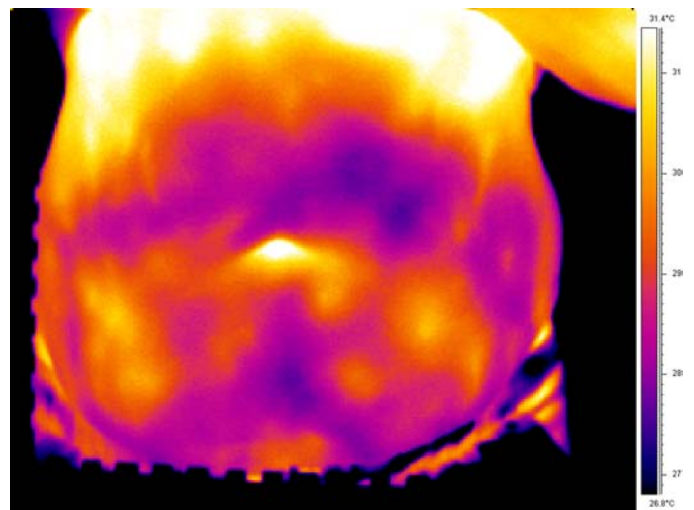
After 20 Minutes Equilibration



After 20 Minutes Equilibration



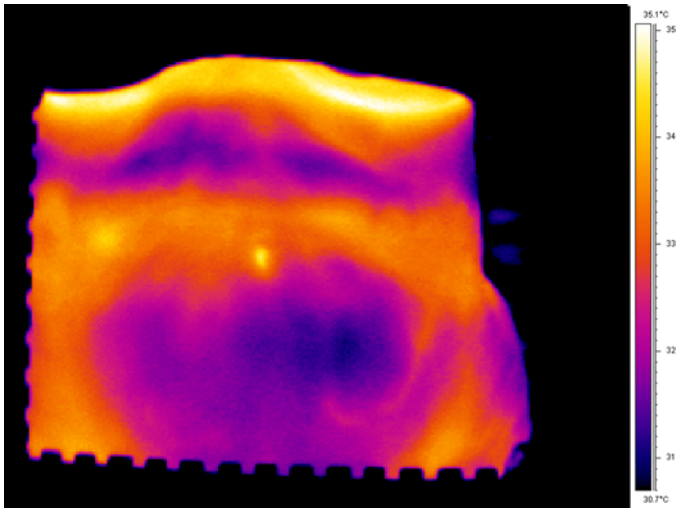
After Alcohol Swab



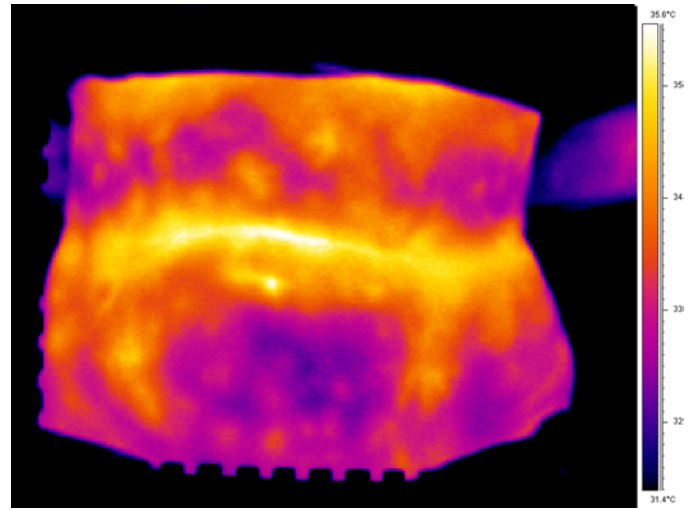
After Alcohol Swab

Participant 10
Female, Age 37, BMI 22.01

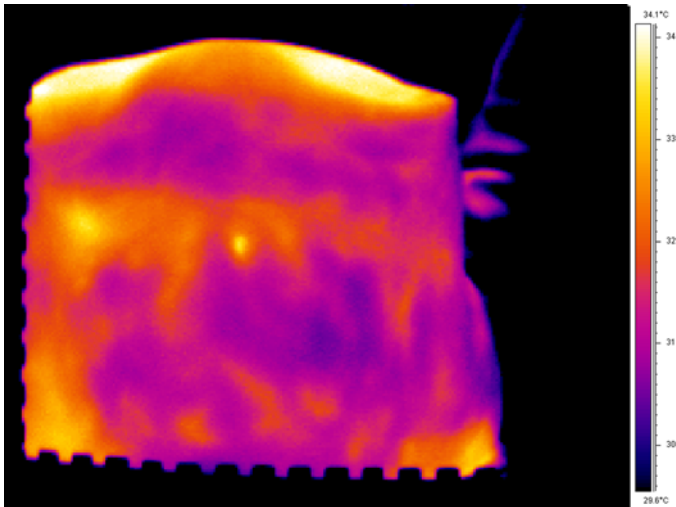
Participant 11
Female, Age 62, BMI 23.78



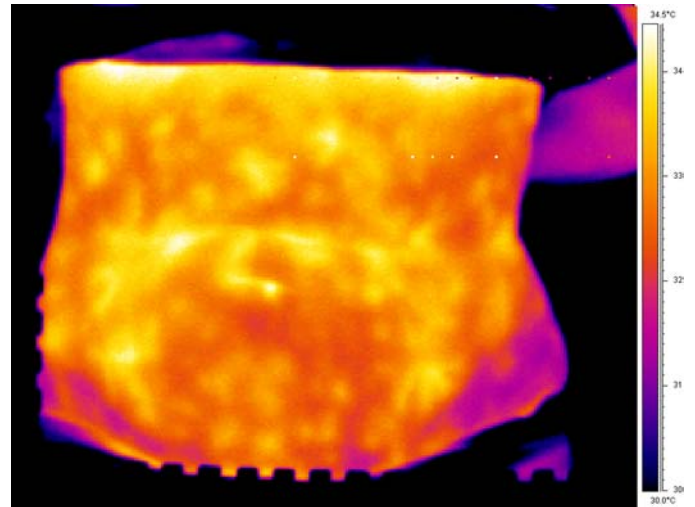
Baseline



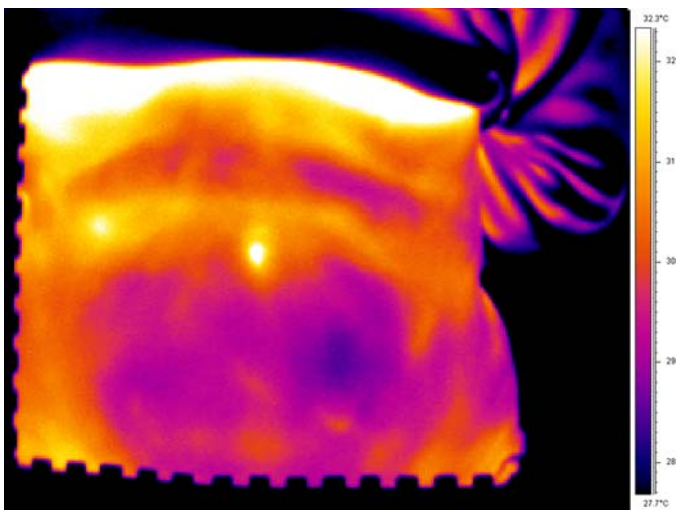
Baseline



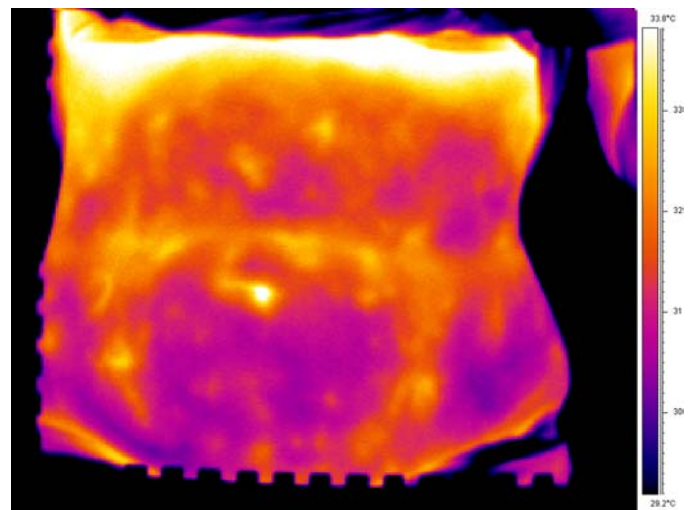
After 20 Minutes Equilibration



After 20 Minutes Equilibration



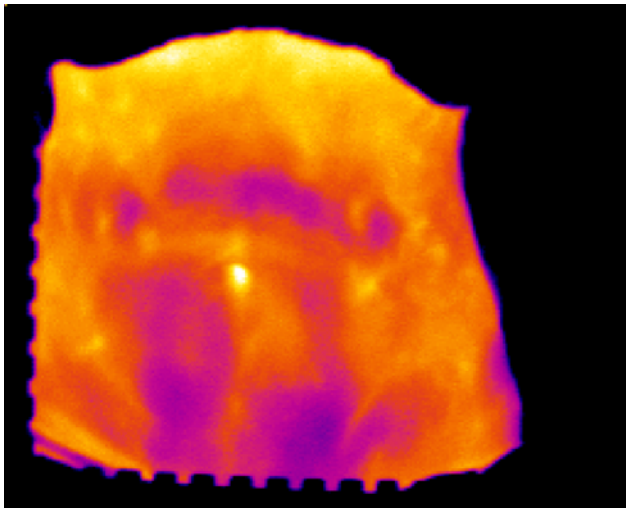
After Alcohol Swab



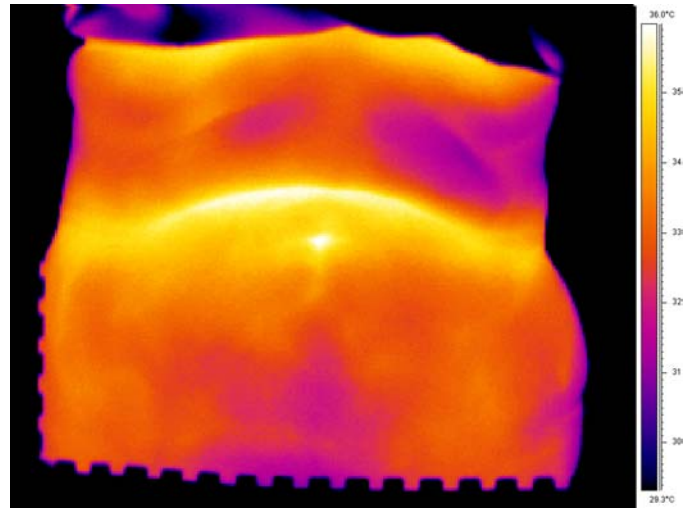
After Alcohol Swab

Participant 12
Female, Age 65, BMI 22.51

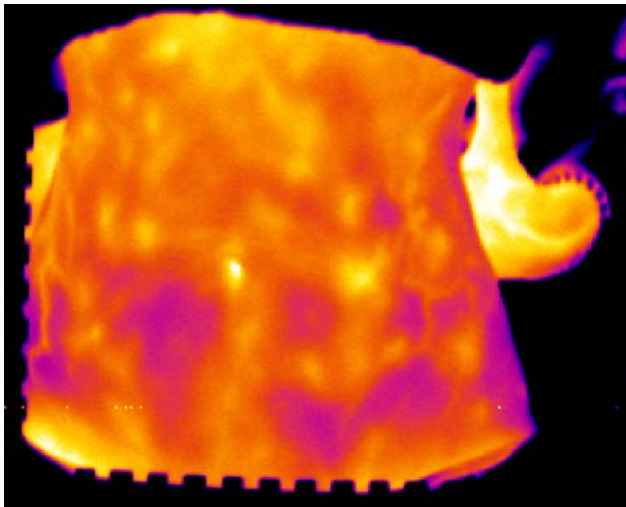
Participant 13
Female, Age 52, BMI 23.94



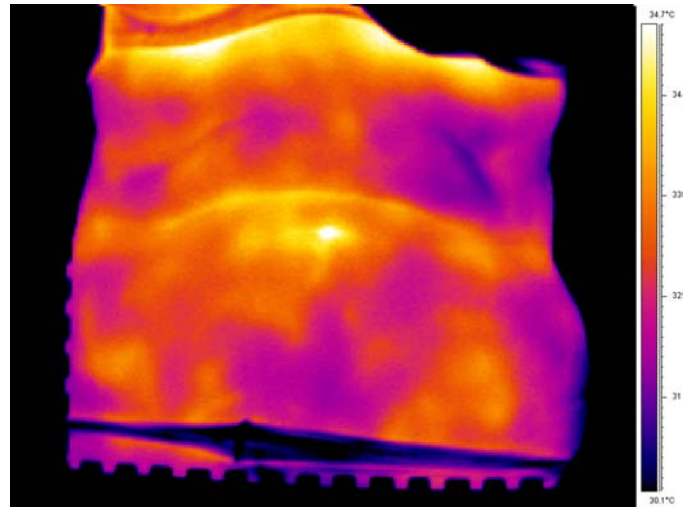
Baseline



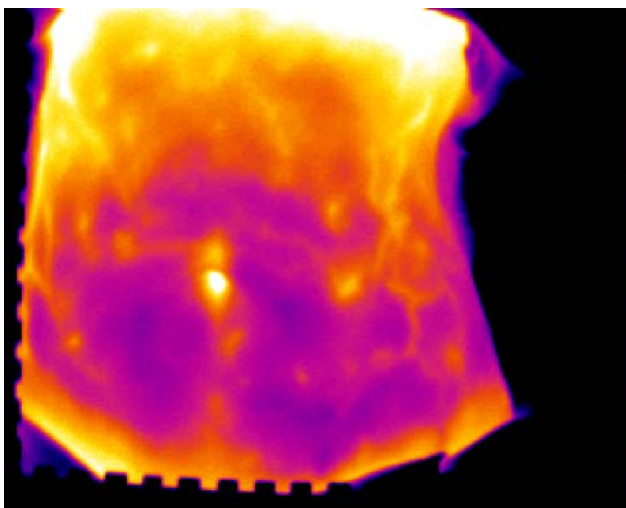
Baseline



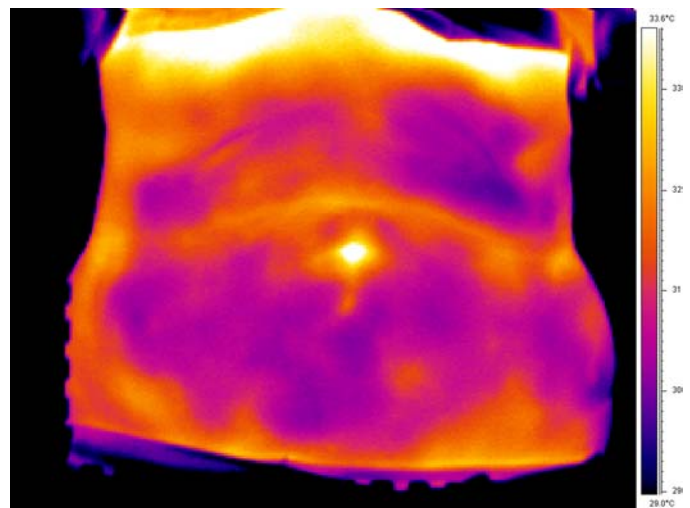
After 20 Minutes Equilibration



After 20 Minutes Equilibration



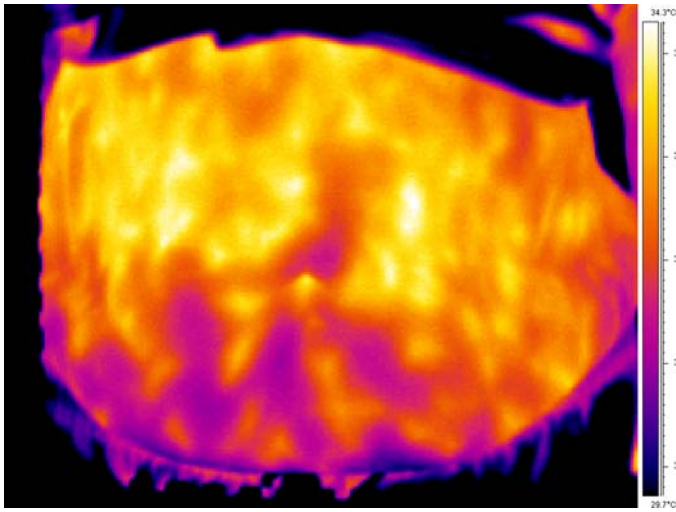
After Alcohol Swab



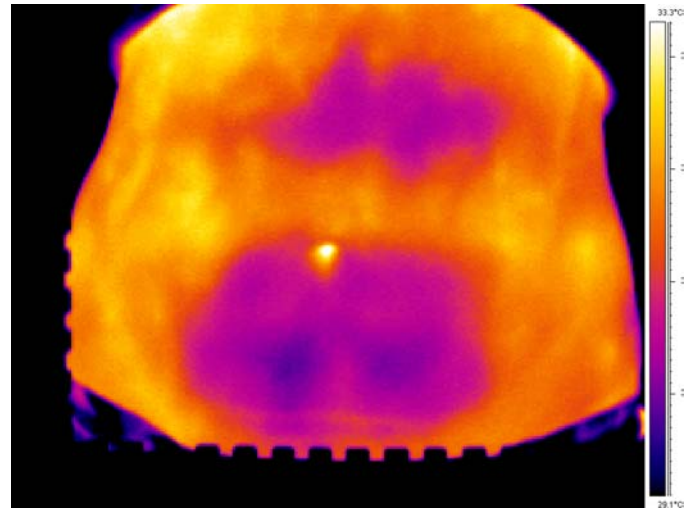
After Alcohol Swab

Participant 14
Female, Age 55, BMI 19.41

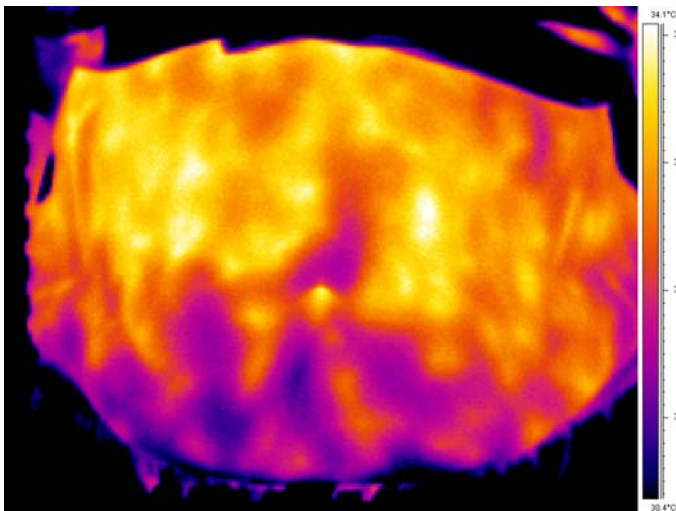
Participant 15
Female, Age 61, BMI 25.44



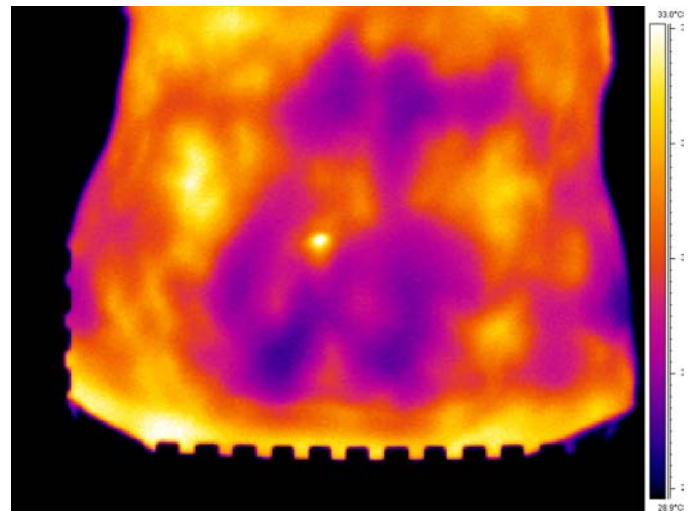
Baseline



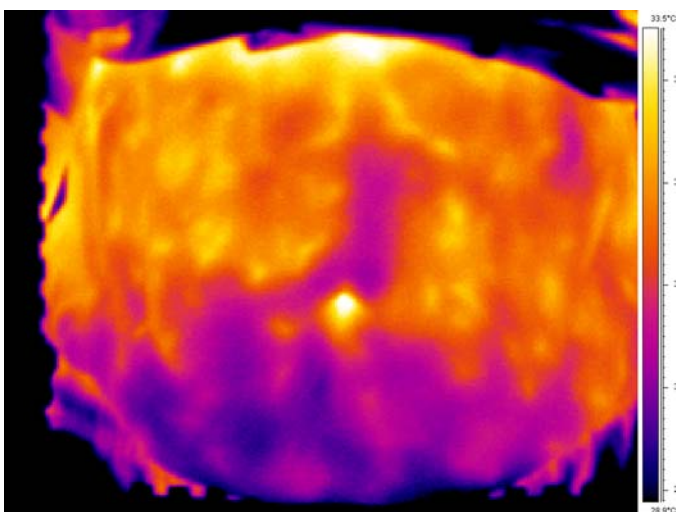
Baseline



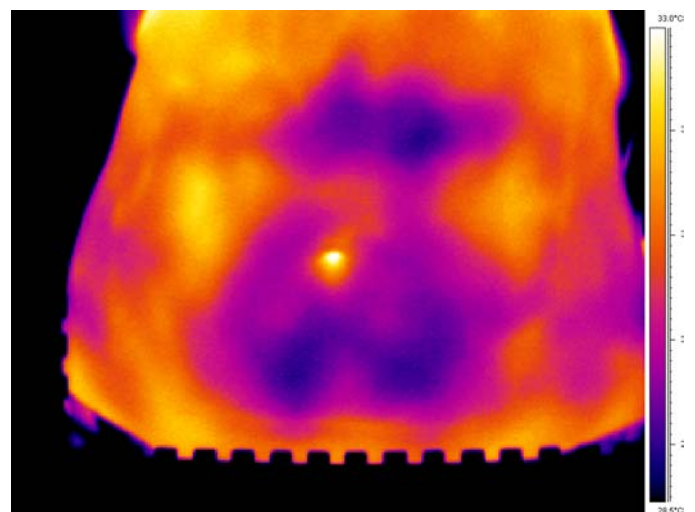
After 20 Minutes Equilibration



After 20 Minutes Equilibration



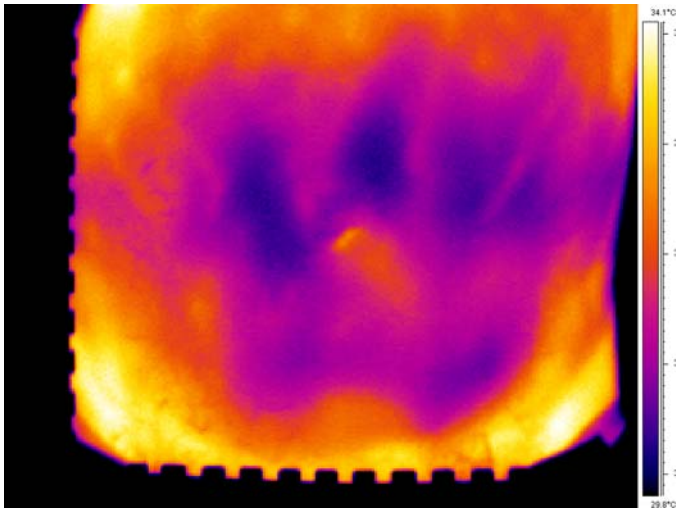
After Alcohol Swab



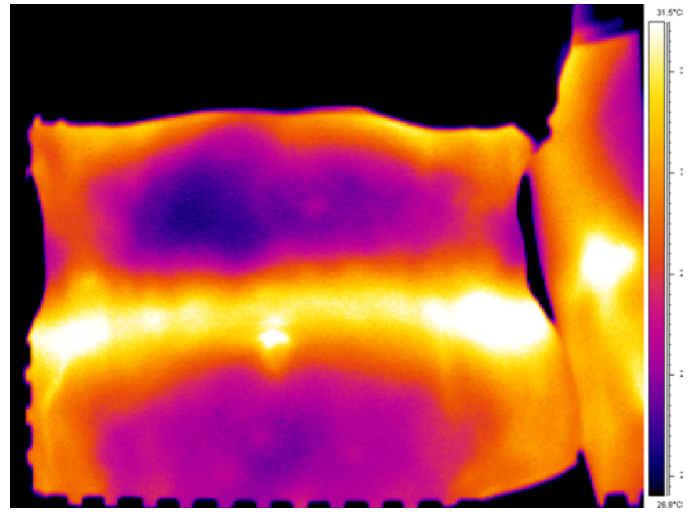
After Alcohol Swab

Participant 16
Female, Age 73, BMI 31.16

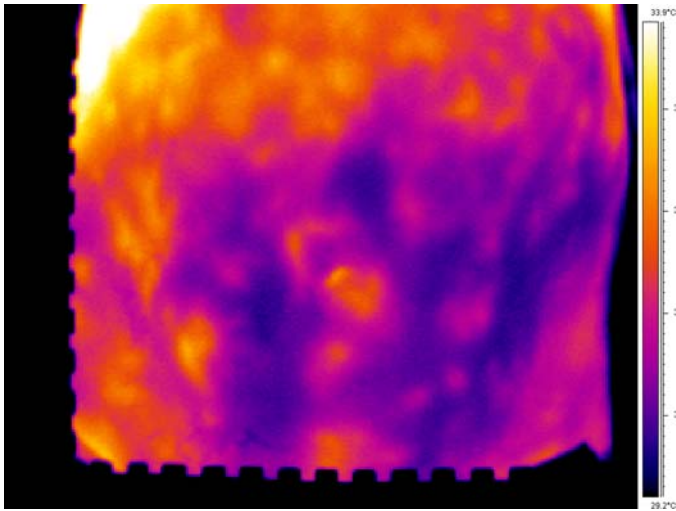
Participant 17
Female, Age 54, BMI 23.68



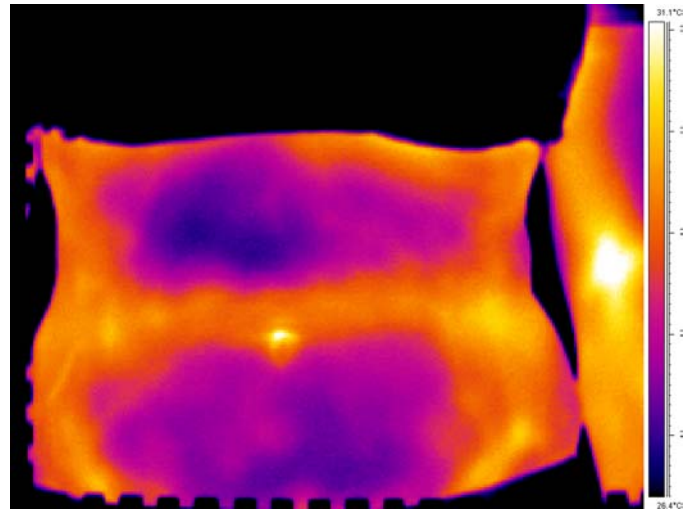
Baseline



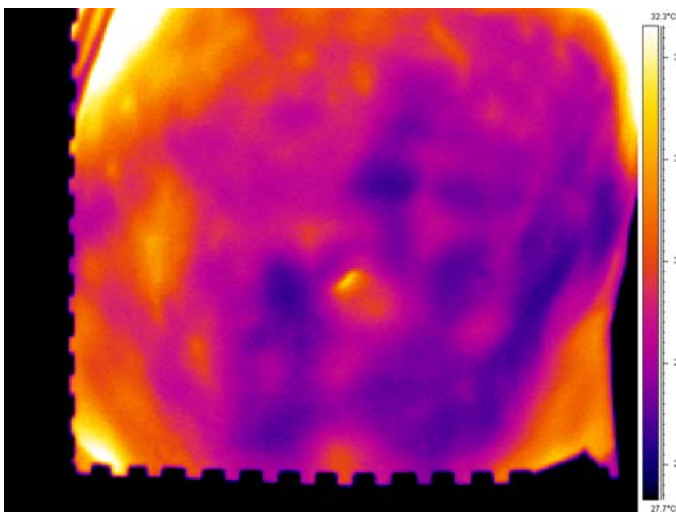
Baseline



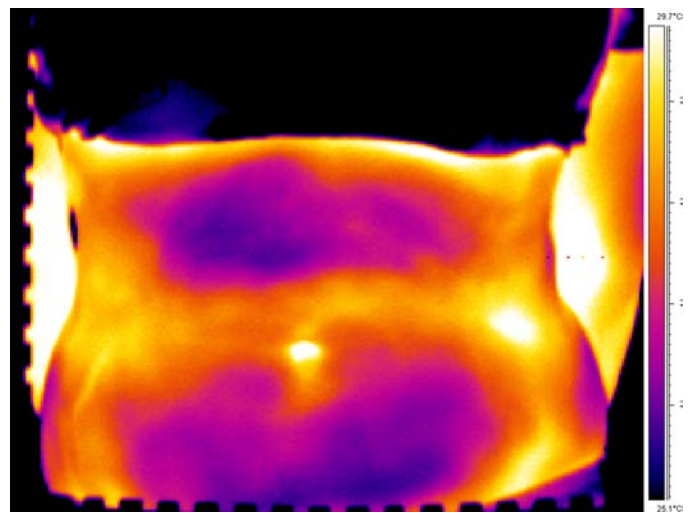
After 20 Minutes Equilibration



After 20 Minutes Equilibration



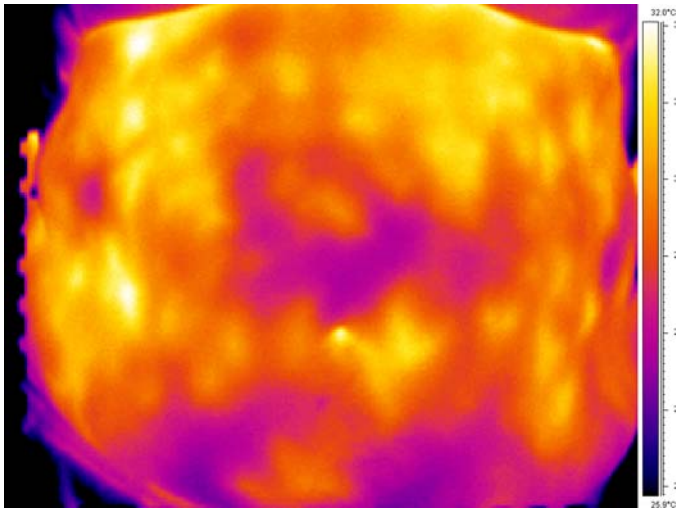
After Alcohol Swab



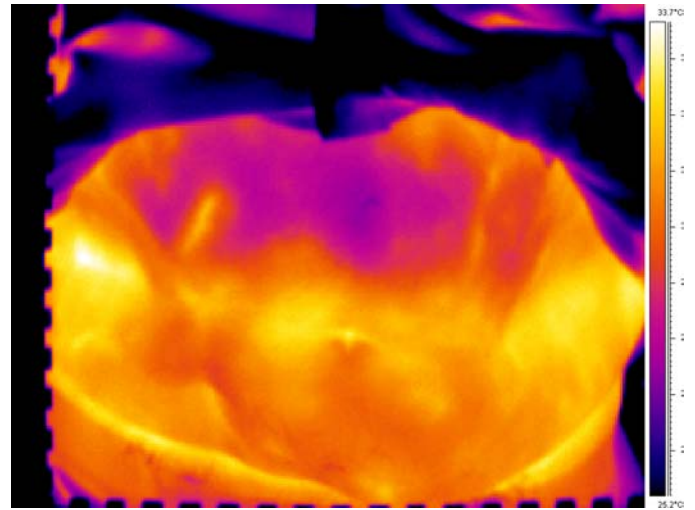
After Alcohol Swab

Participant 18
Male, Age 70, BMI 26.50

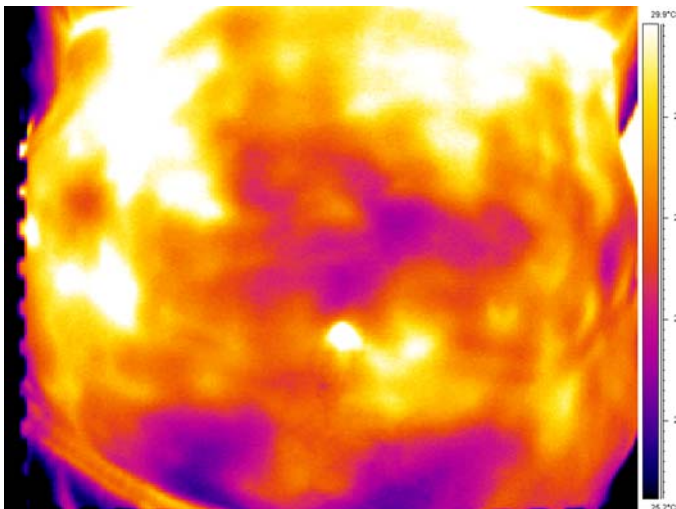
Participant 19
Female, Age 51, BMI 22.19



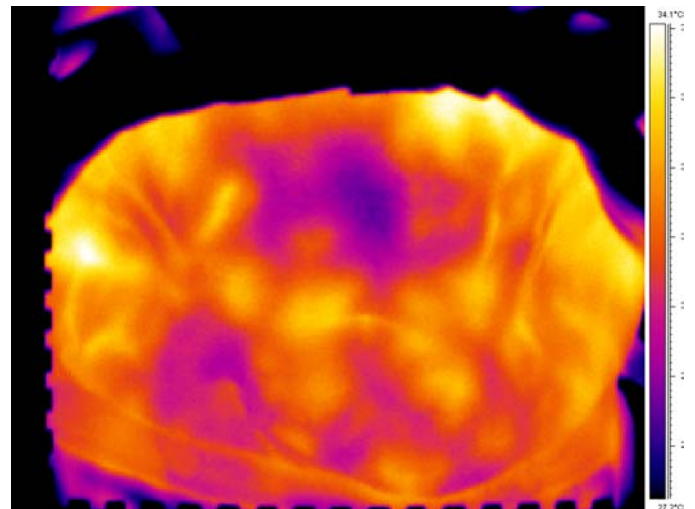
Baseline



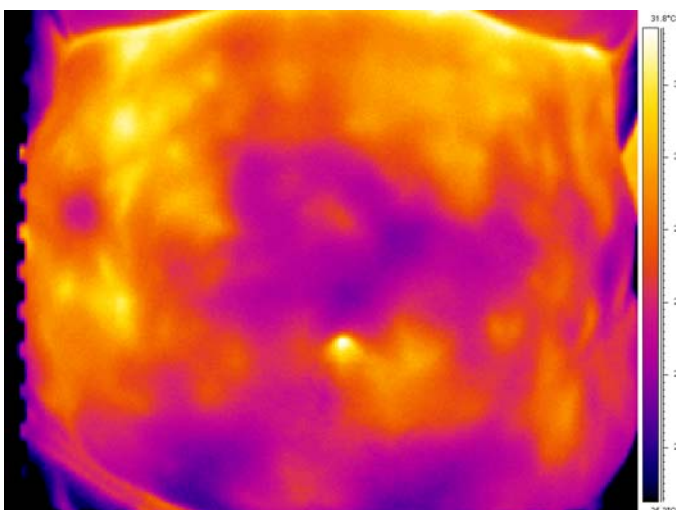
Baseline



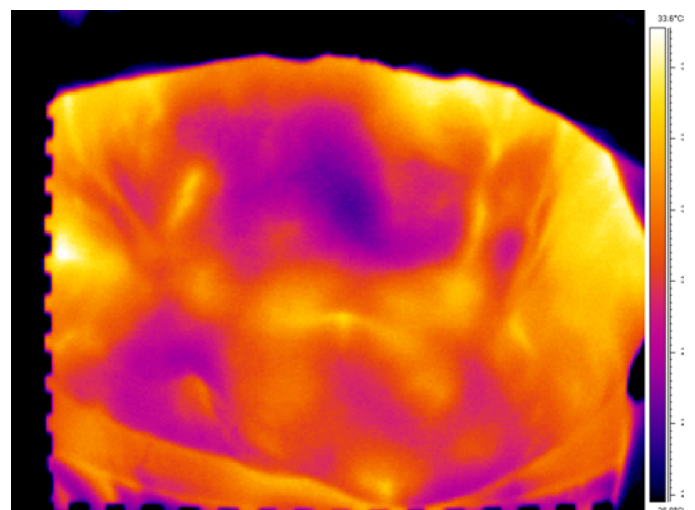
After 20 Minutes Equilibration



After 20 Minutes Equilibration



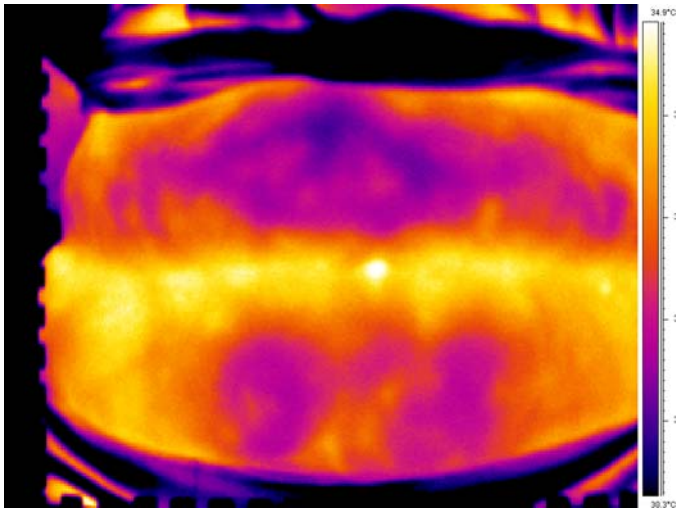
After Alcohol Swab



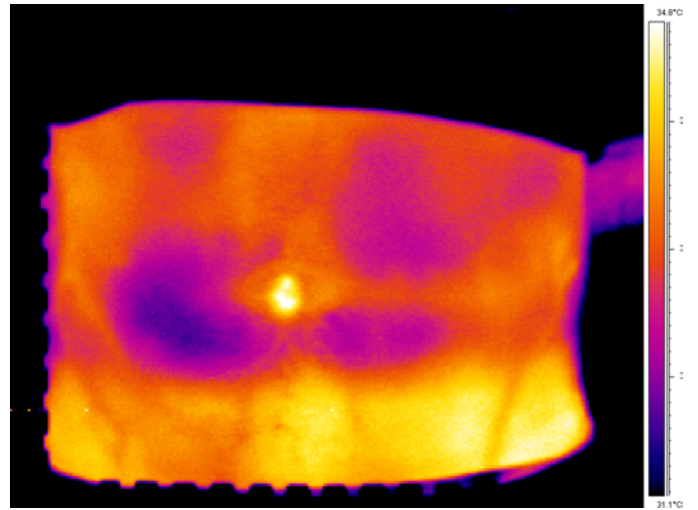
After Alcohol Swab

Participant 20
Female, Age 44, BMI 33.73

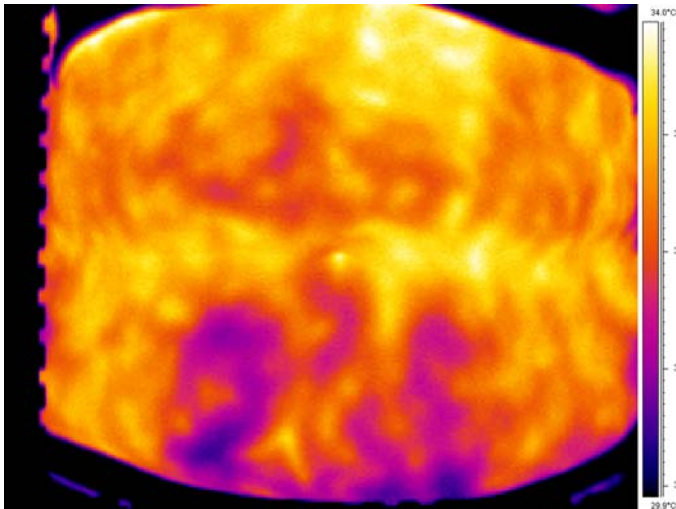
Participant 21
Male, Age 75, BMI 28.31



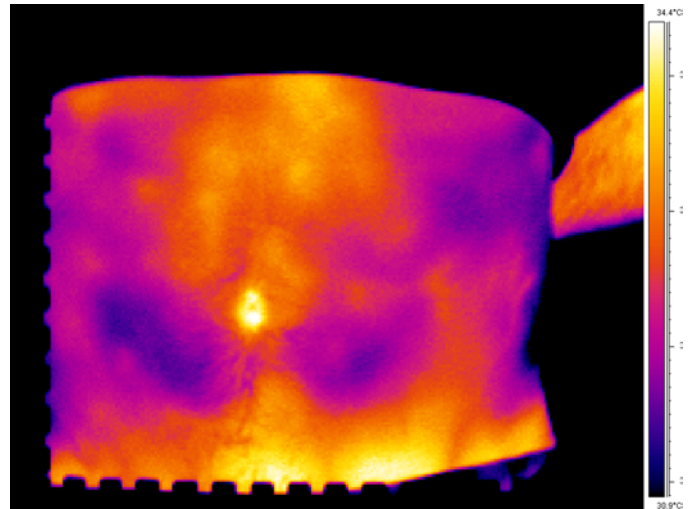
Baseline



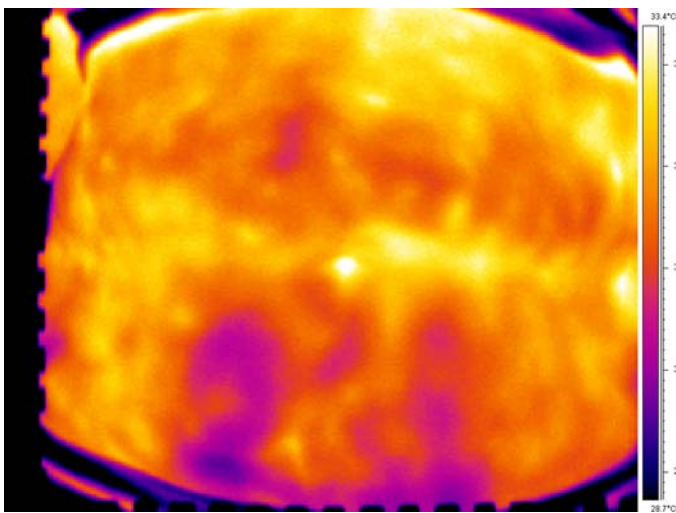
Baseline



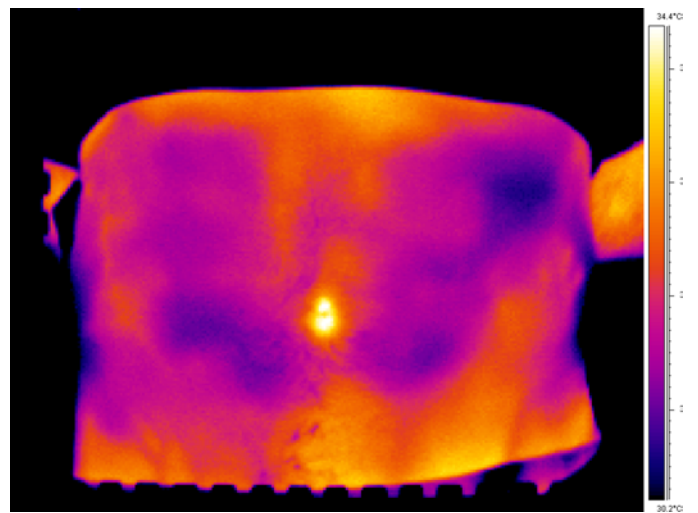
After 20 Minutes Equilibration



After 20 Minutes Equilibration



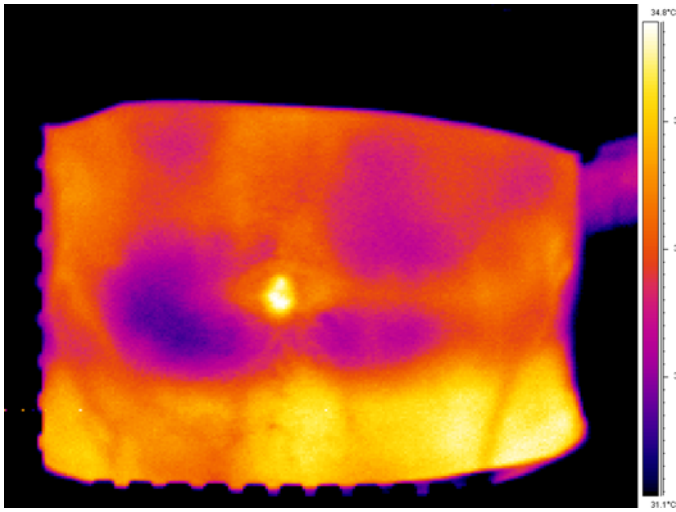
After Alcohol Swab



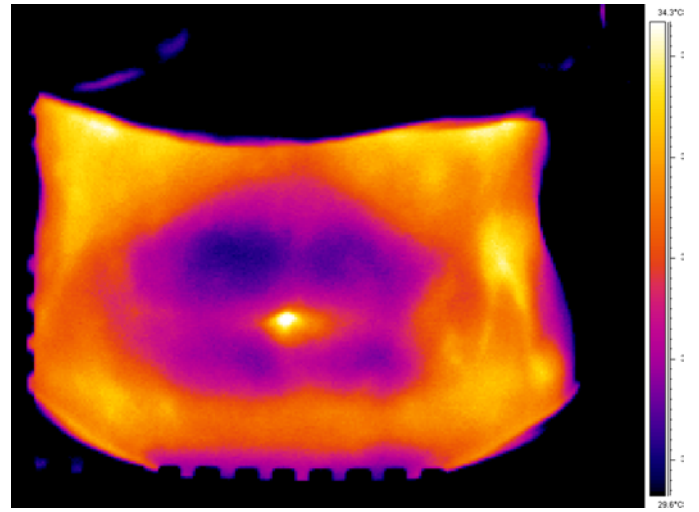
After Alcohol Swab

Participant 22
Female, Age 55, BMI 30.47

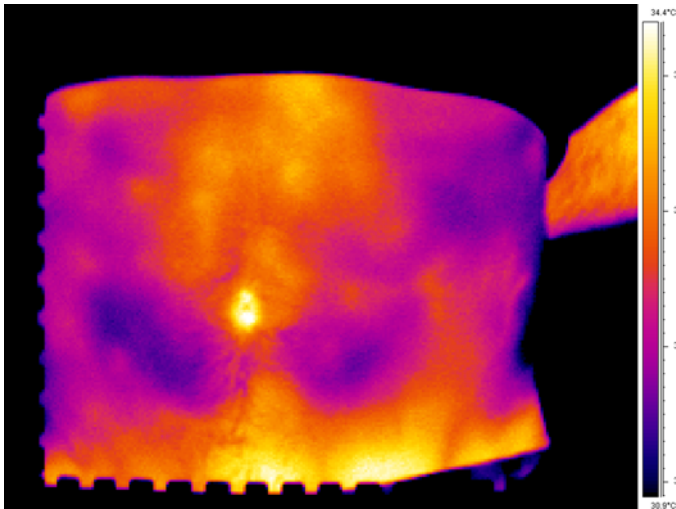
Participant 23
Female, Age 27, BMI 37.00



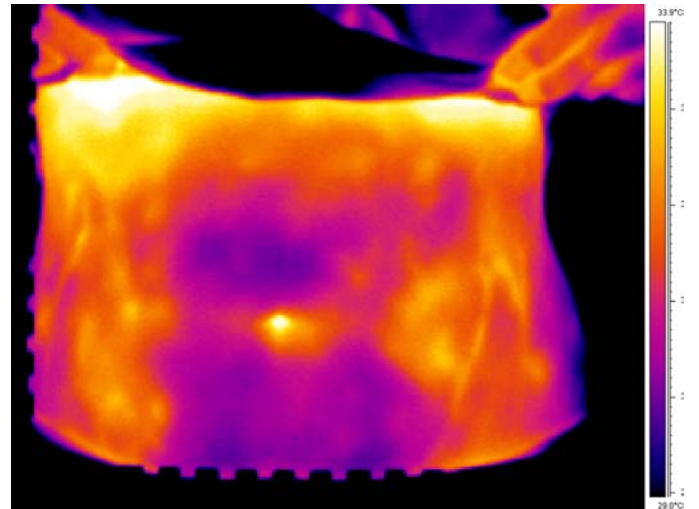
Baseline



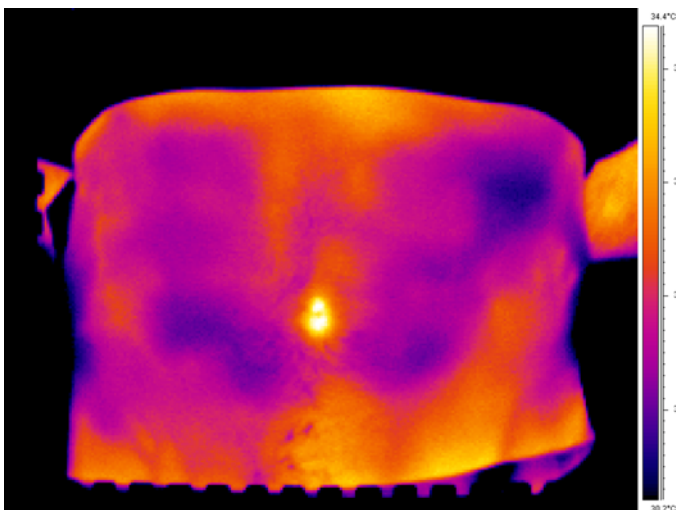
Baseline



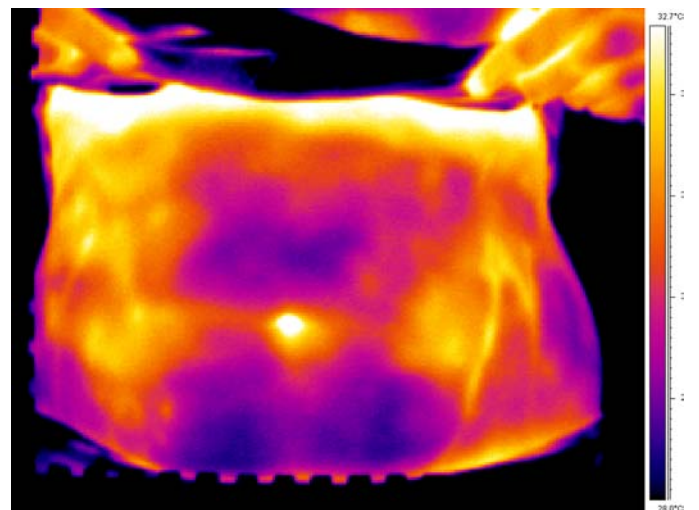
After 20 Minutes Equilibration



After 20 Minutes Equilibration



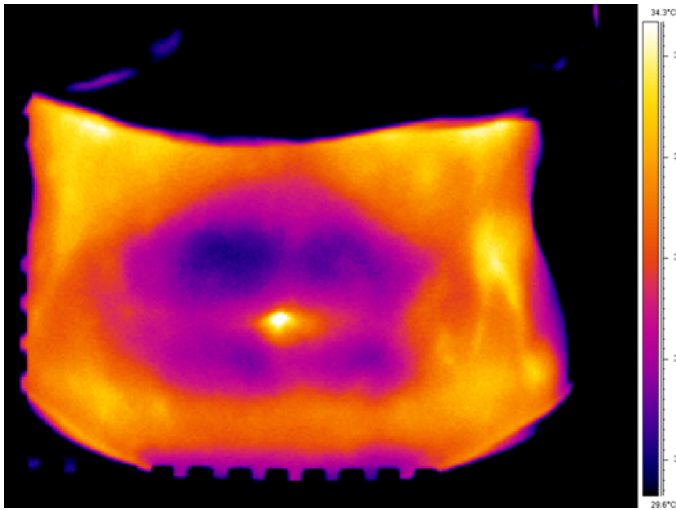
After Alcohol Swab



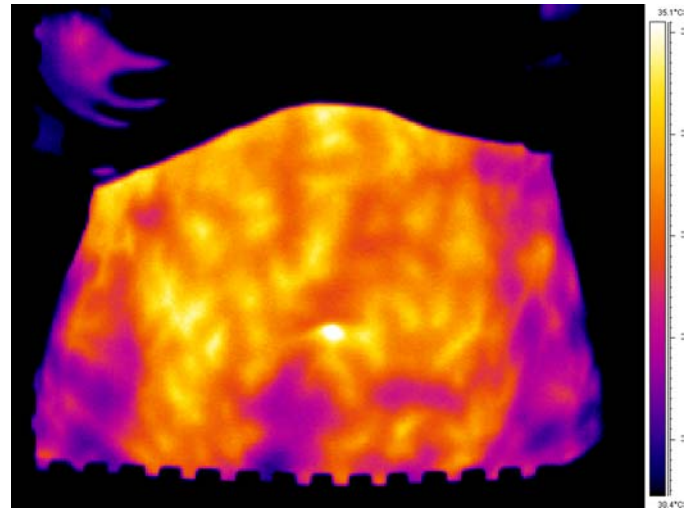
After Alcohol Swab

Participant 24
Male, Age 22, BMI 25.05

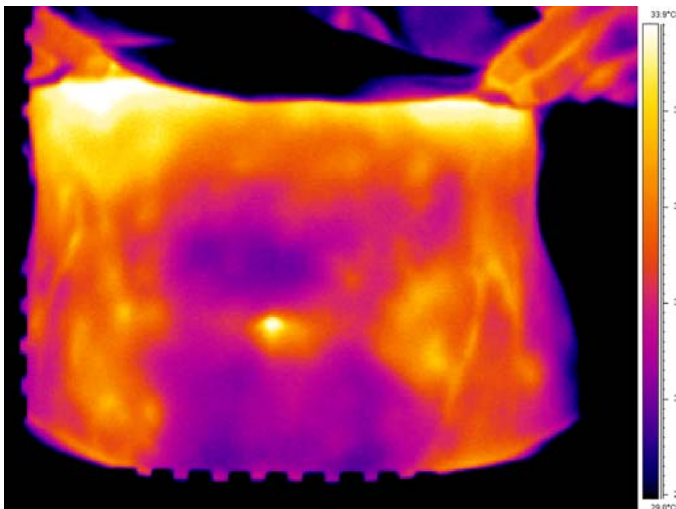
Participant 25
Male, Age 45, BMI 25.90



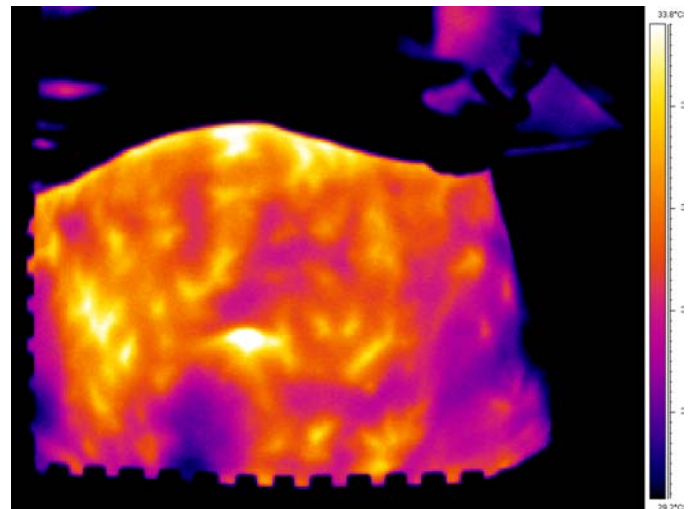
Baseline



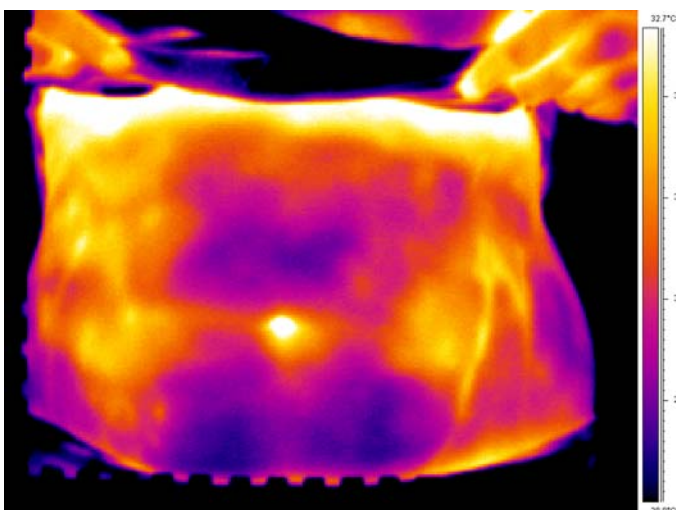
Baseline



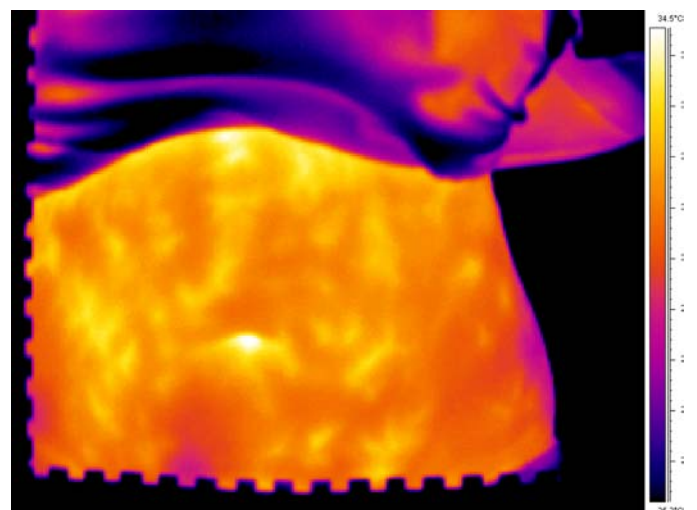
After 20 Minutes Equilibration



After 20 Minutes Equilibration



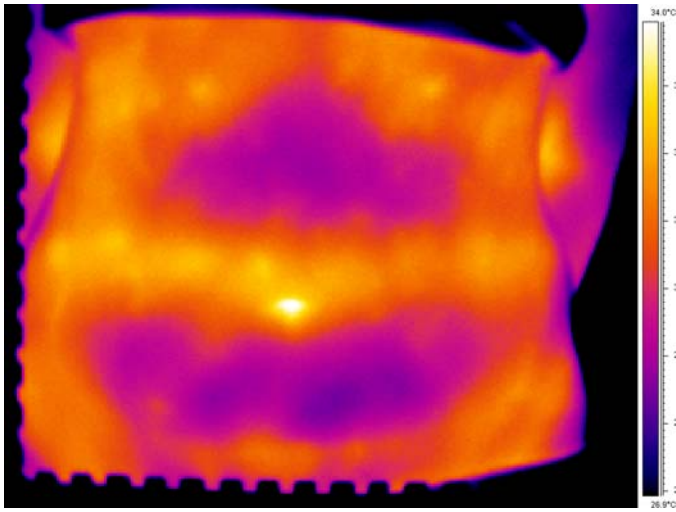
After Alcohol Swab



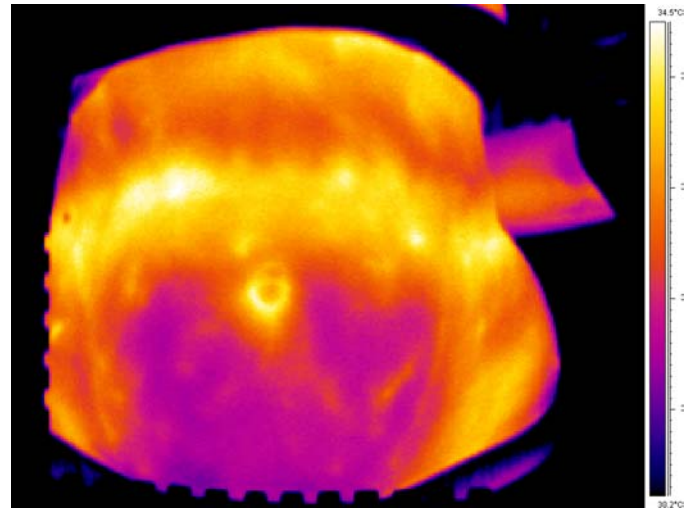
After Alcohol Swab

Participant 26
Female, Age 28, BMI 24.33

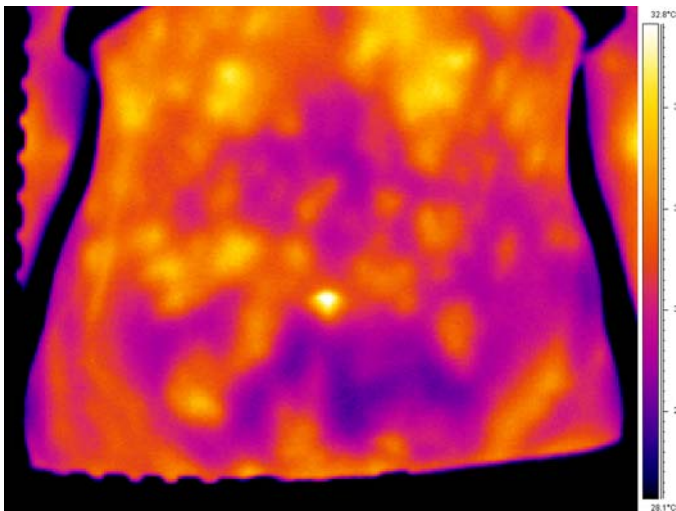
Participant 27
Female, Age 59, BMI 21.34



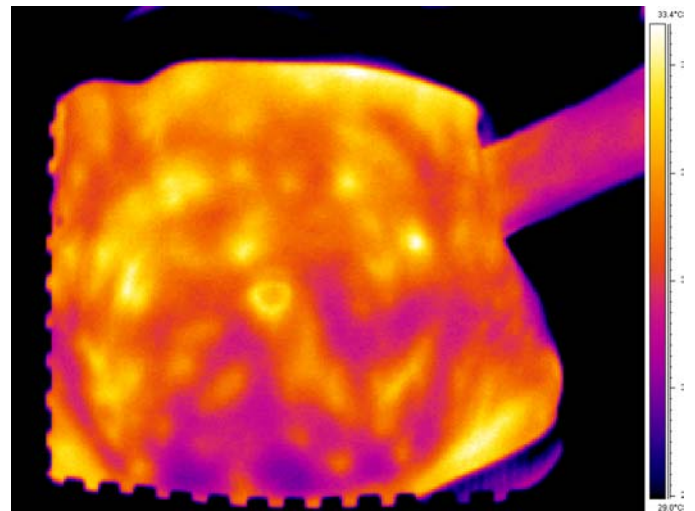
Baseline



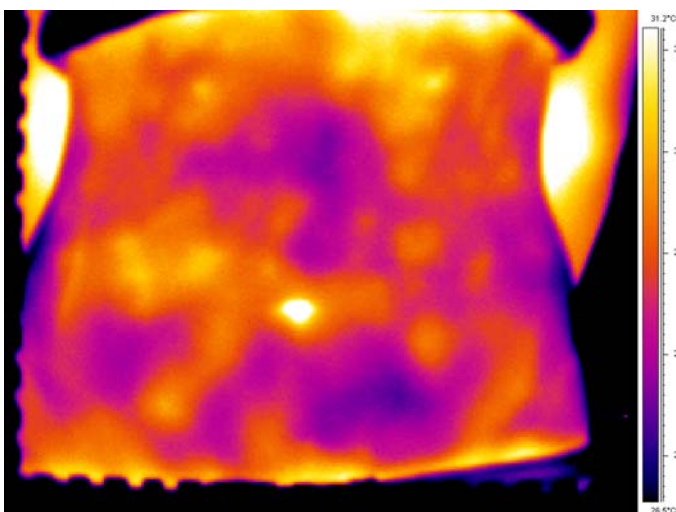
Baseline



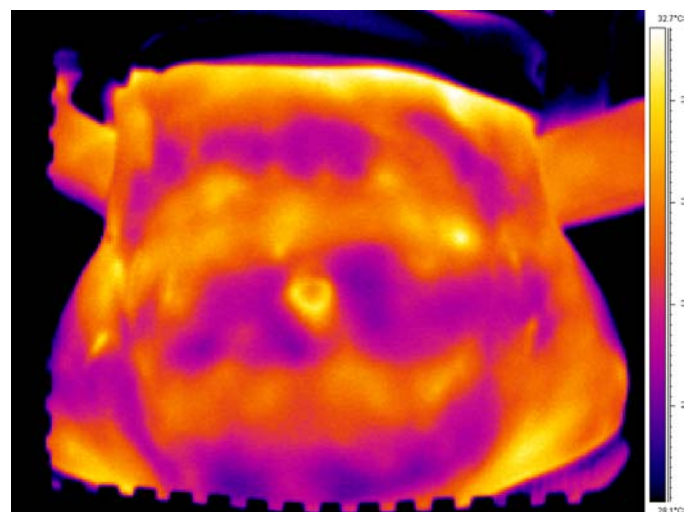
After 20 Minutes Equilibration



After 20 Minutes Equilibration



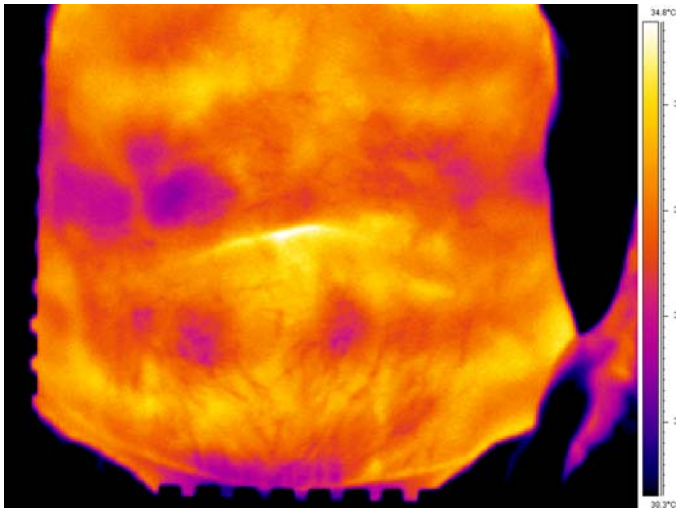
After Alcohol Swab



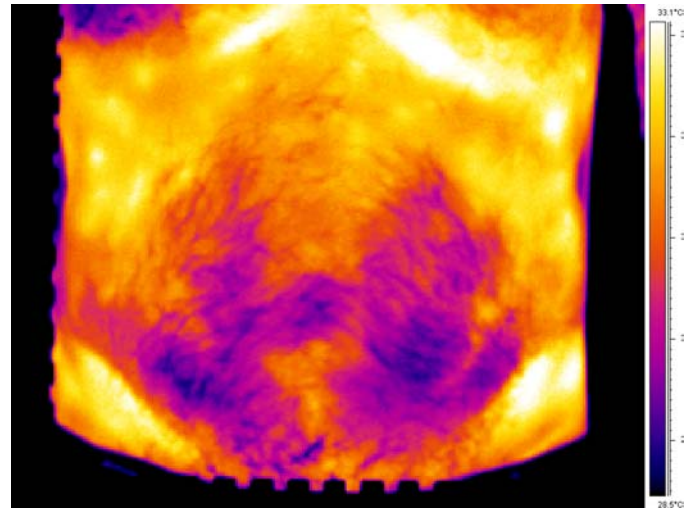
After Alcohol Swab

Participant 28
Female, Age 32, BMI 22.49

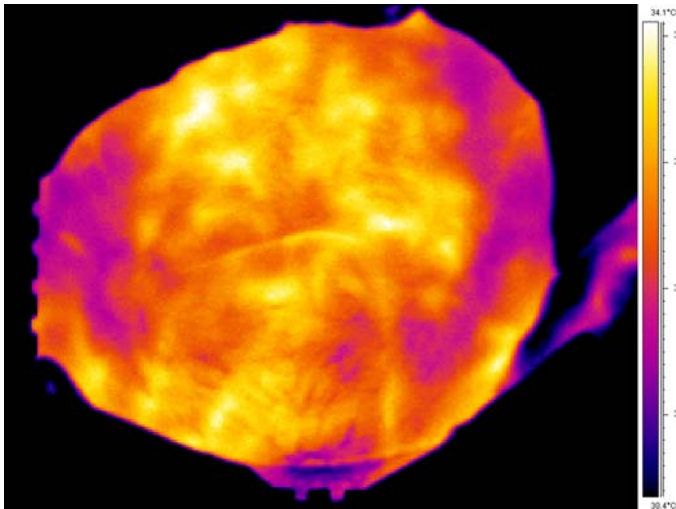
Participant 29
Female, Age 67, BMI 20.41



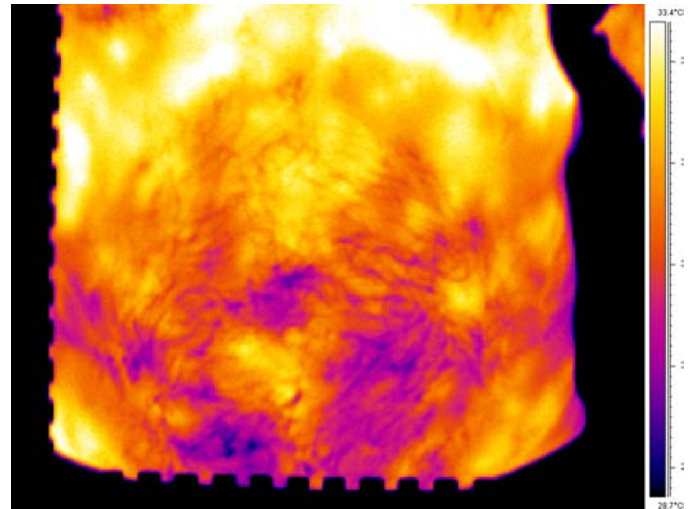
Baseline



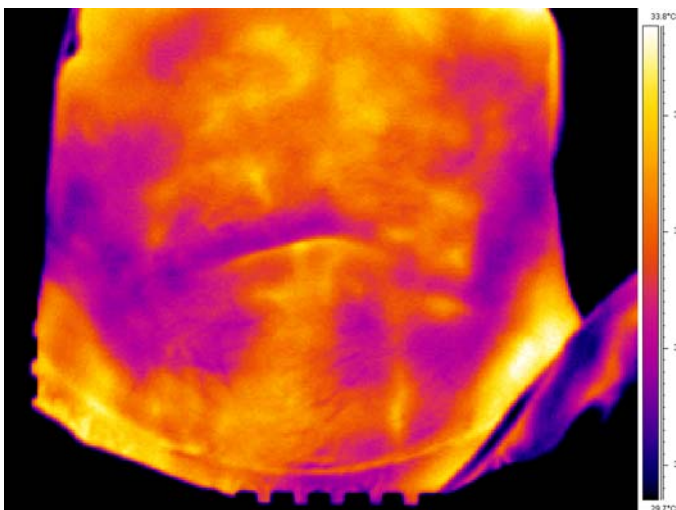
Baseline



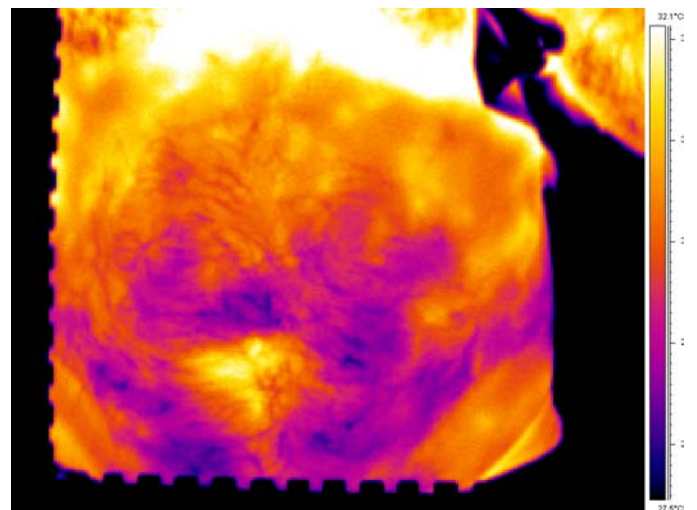
After 20 Minutes Equilibration



After 20 Minutes Equilibration



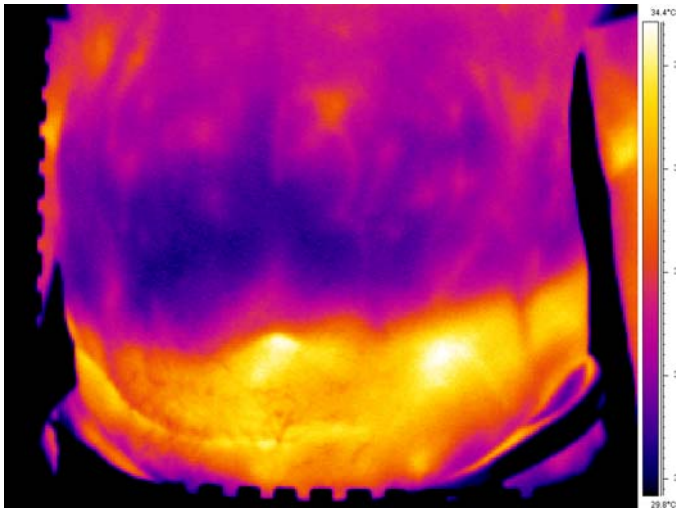
After Alcohol Swab



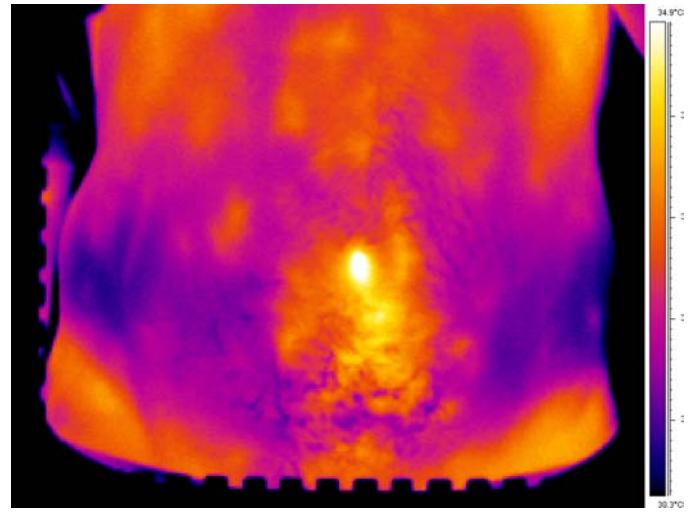
After Alcohol Swab

Participant 30
Male, Age 77, BMI 21.68

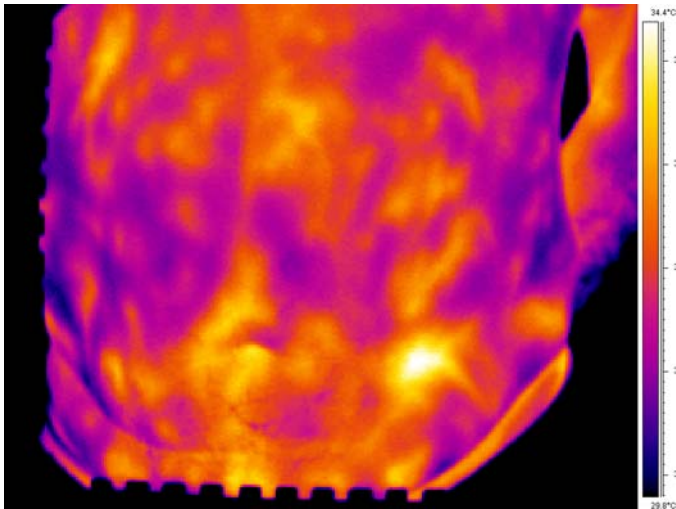
Participant 31
Male, Age 67, BMI 25.16



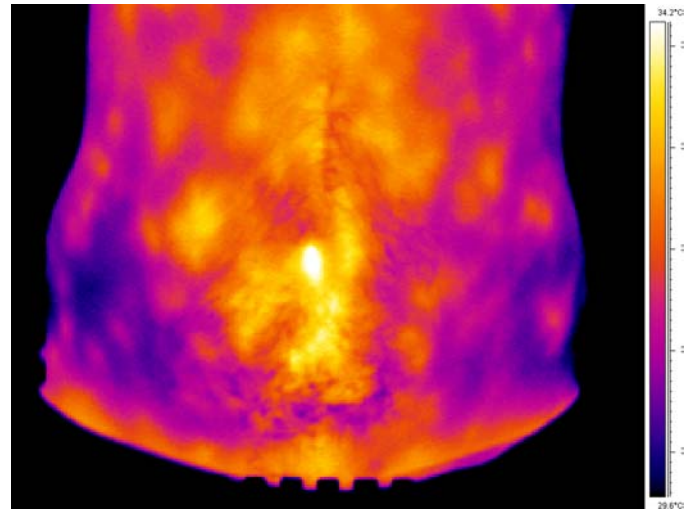
Baseline



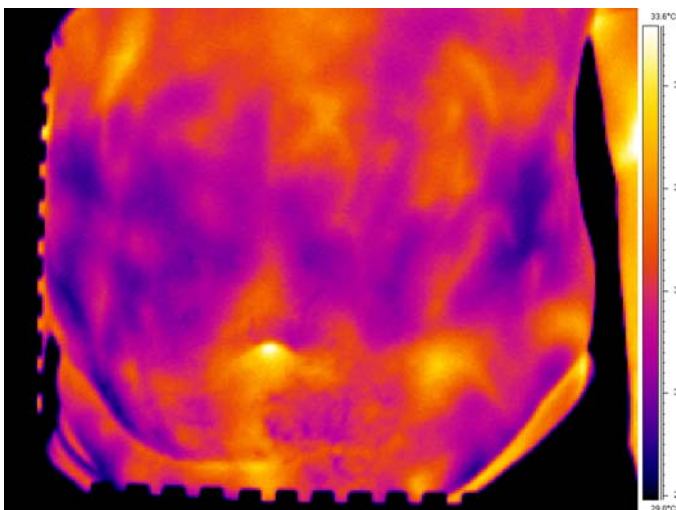
Baseline



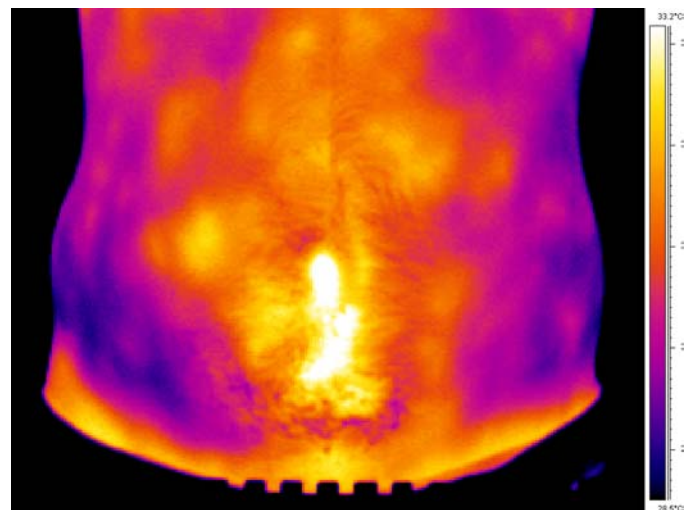
After 20 Minutes Equilibration



After 20 Minutes Equilibration



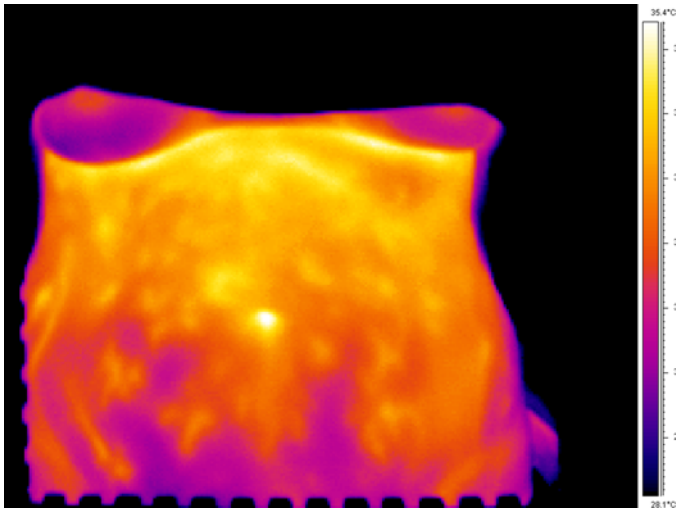
After Alcohol Swab



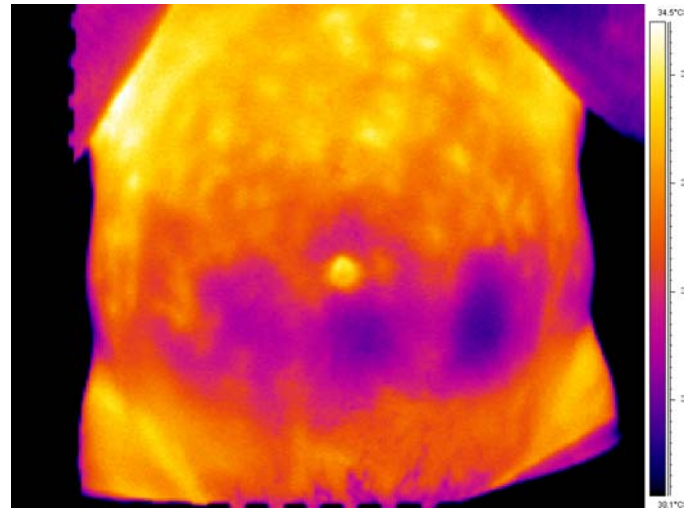
After Alcohol Swab

Participant 32
Male, Age 66, BMI 28.35

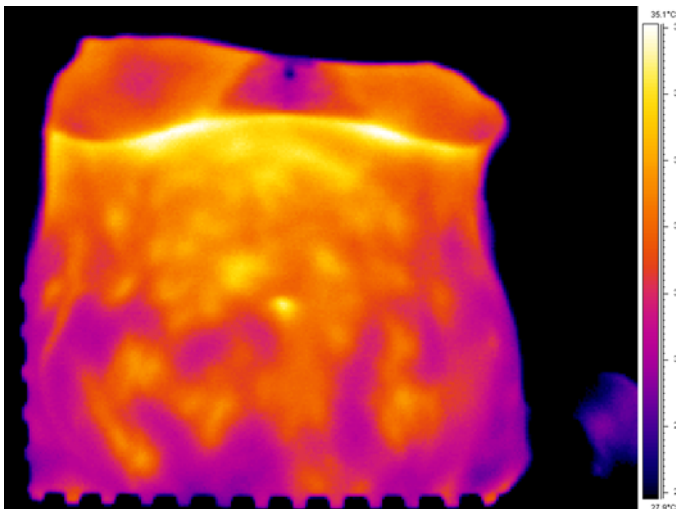
Participant 33
Male, Age 15, BMI 25.88



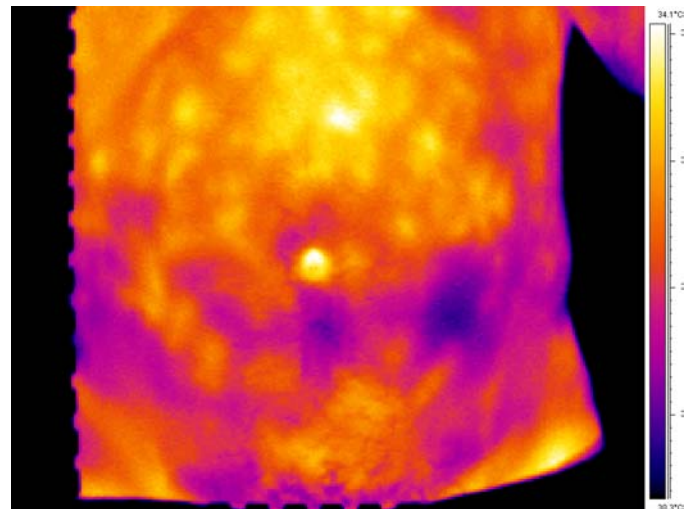
Baseline



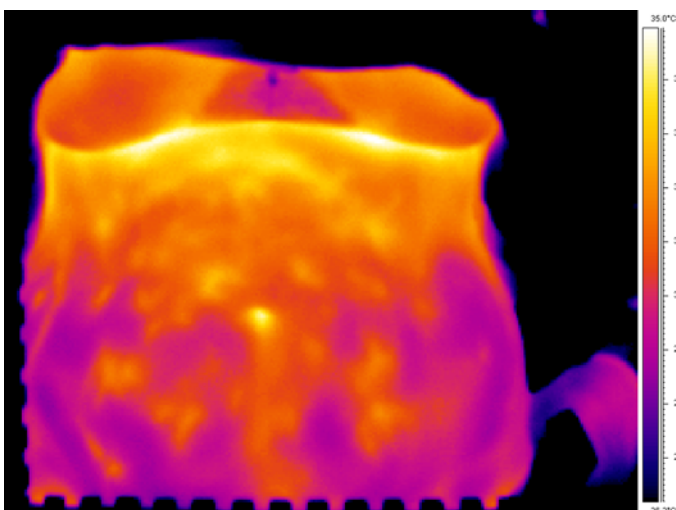
Baseline



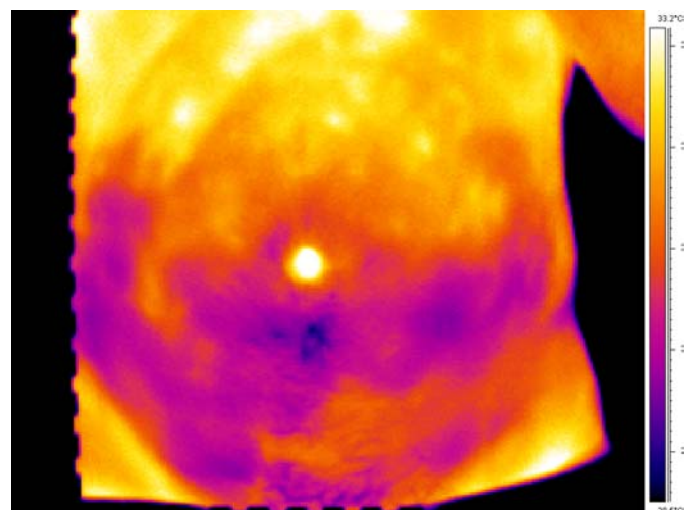
After 20 Minutes Equilibration



After 20 Minutes Equilibration



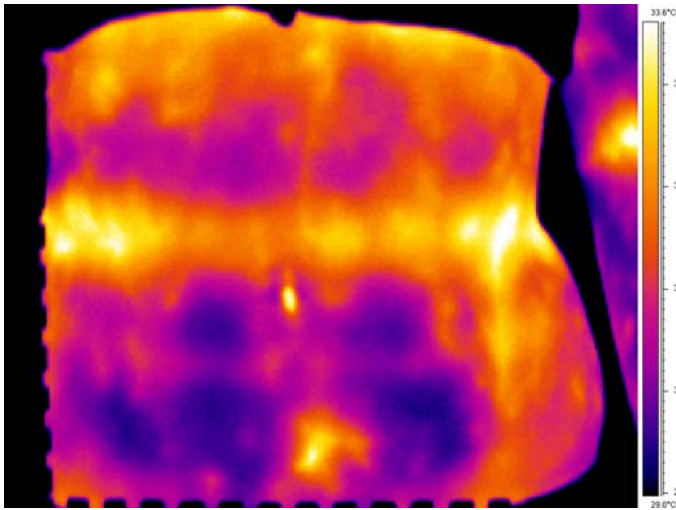
After Alcohol Swab



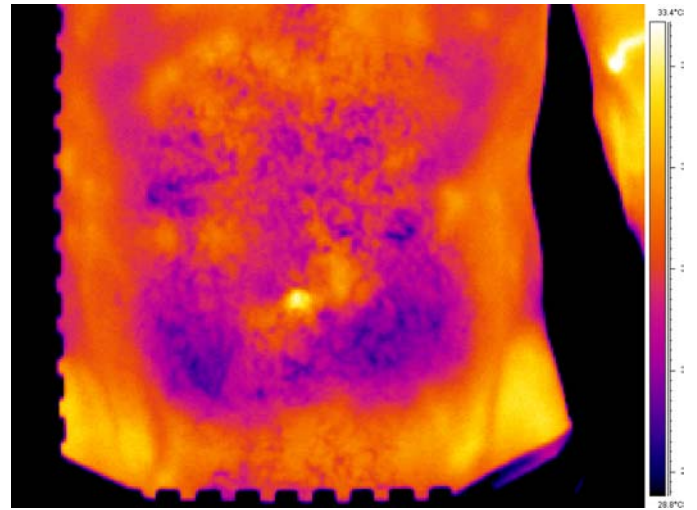
After Alcohol Swab

Participant 34
Female, Age 45, BMI 25.44

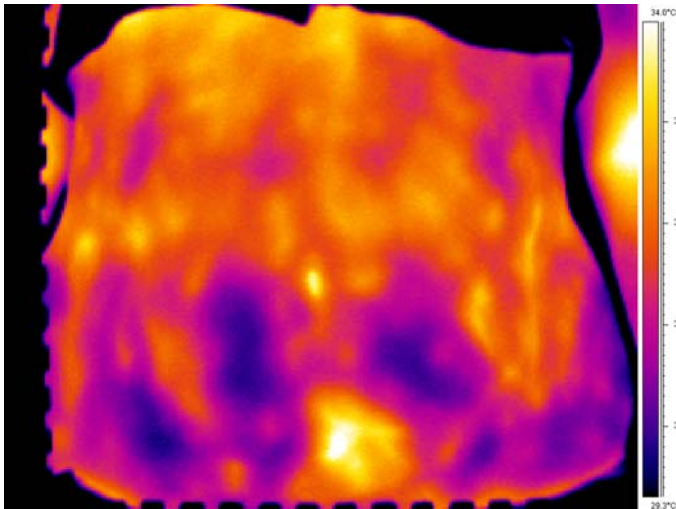
Participant 35
Male, Age 41, BMI 23.54



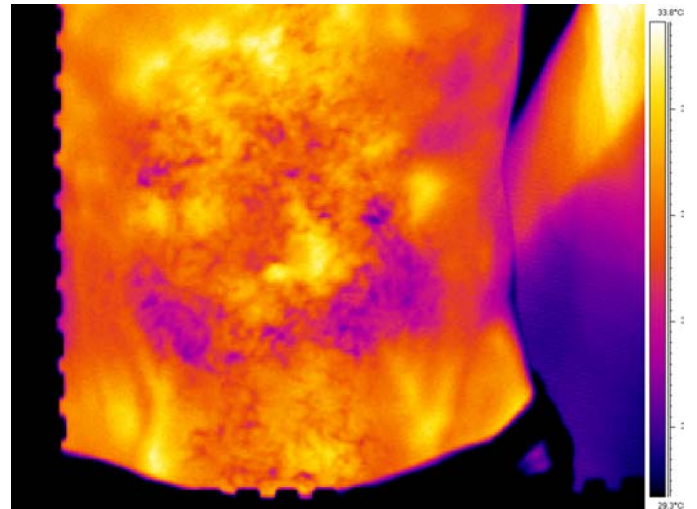
Baseline



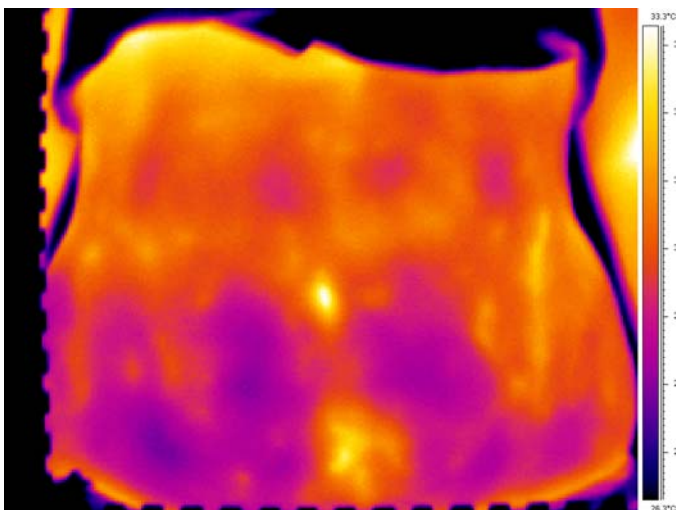
Baseline



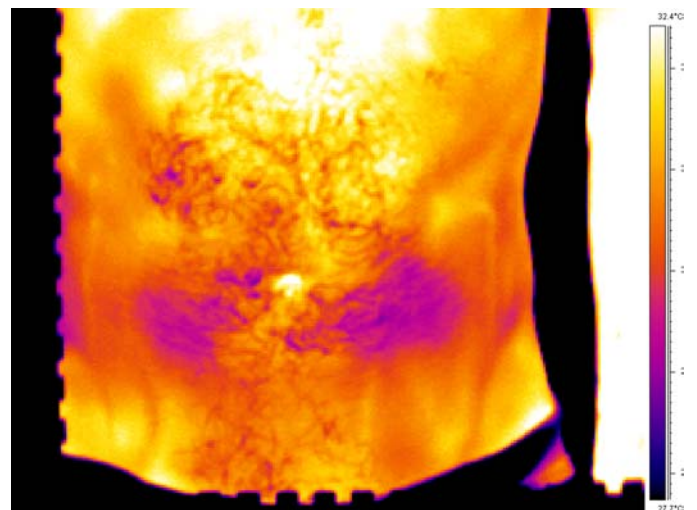
After 20 Minutes Equilibration



After 20 Minutes Equilibration



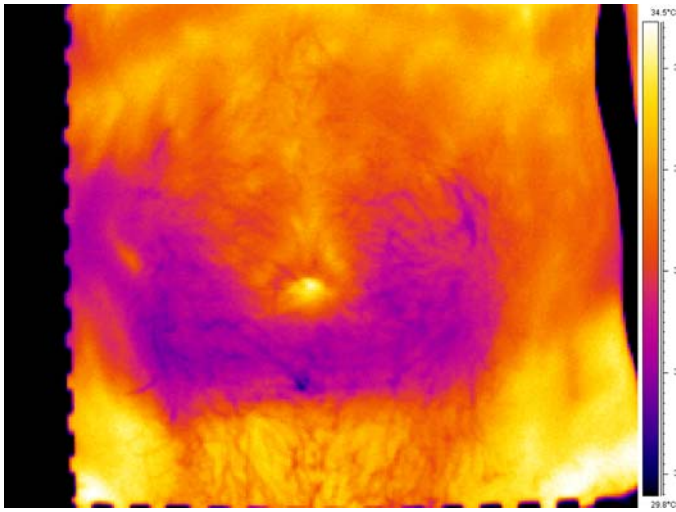
After Alcohol Swab



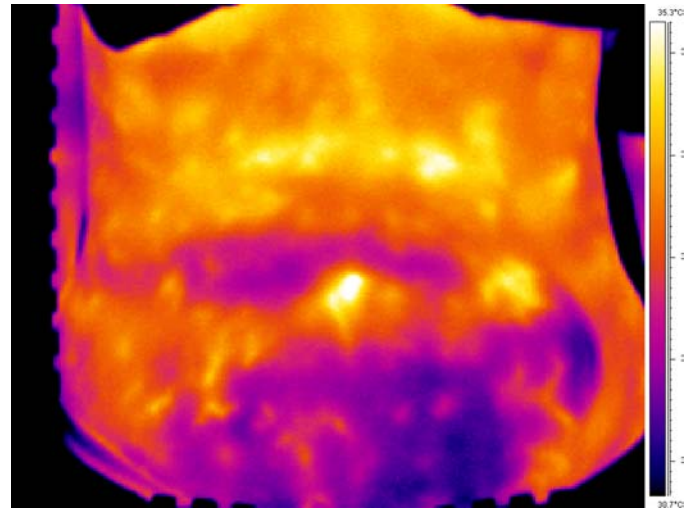
After Alcohol Swab

Participant 37
Female, Age 41, BMI 25.83

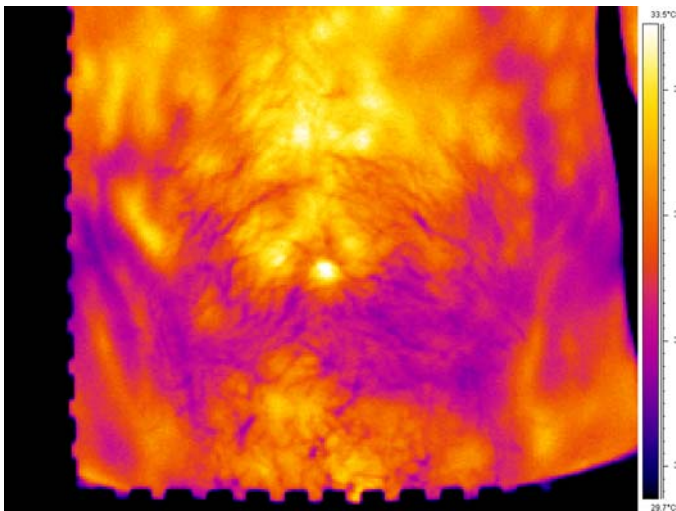
Participant 38
Male, Age 40, BMI 21.15



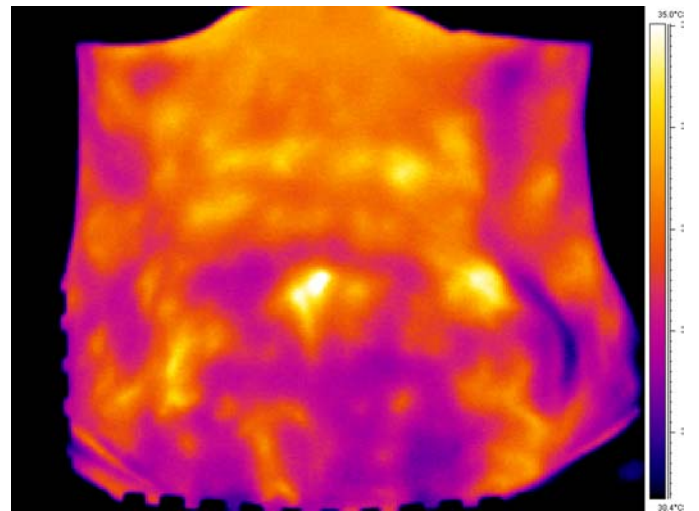
Baseline



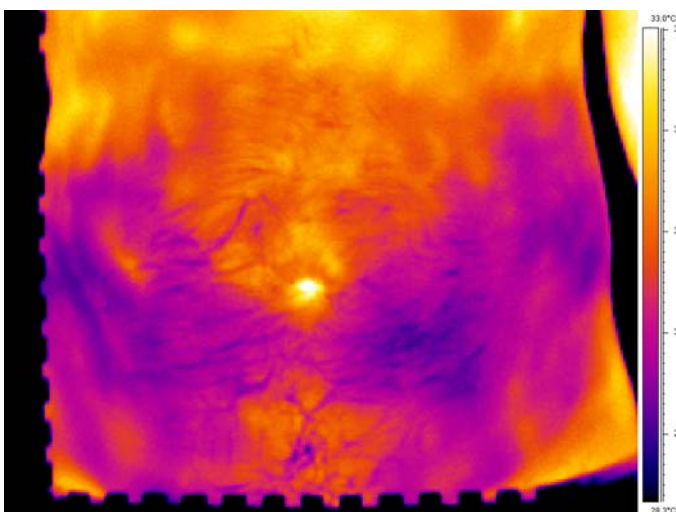
Baseline



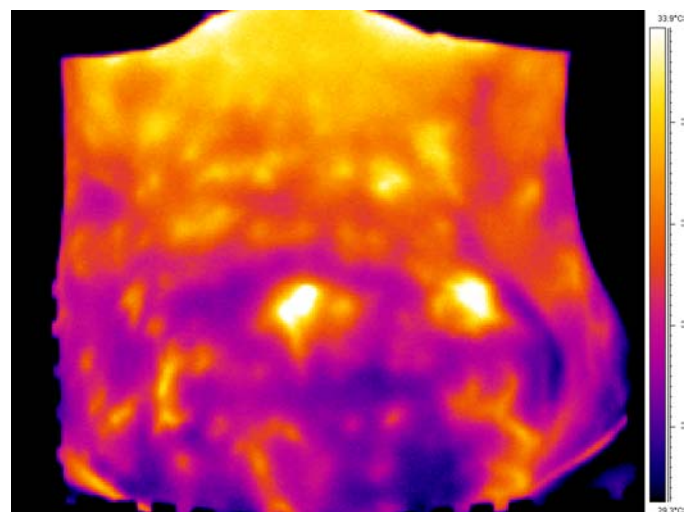
After 20 Minutes Equilibration



After 20 Minutes Equilibration



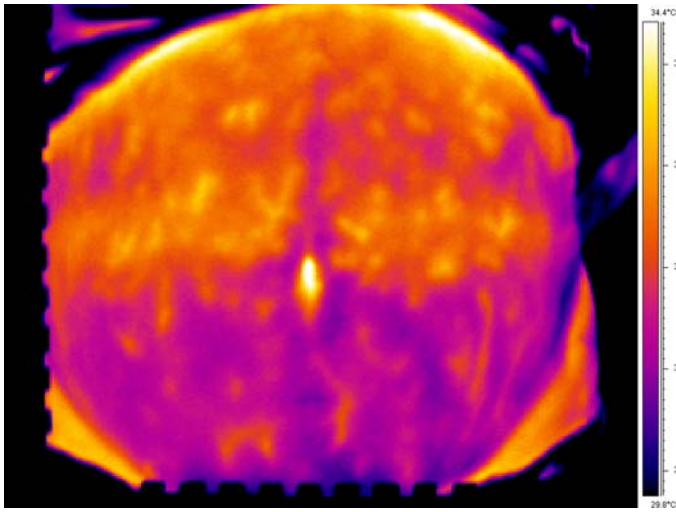
After Alcohol Swab



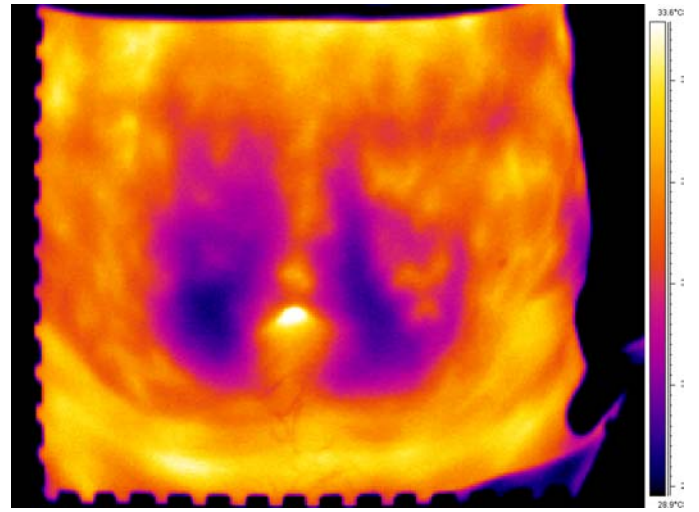
After Alcohol Swab

Participant 39
Male, Age 63, BMI 23.78

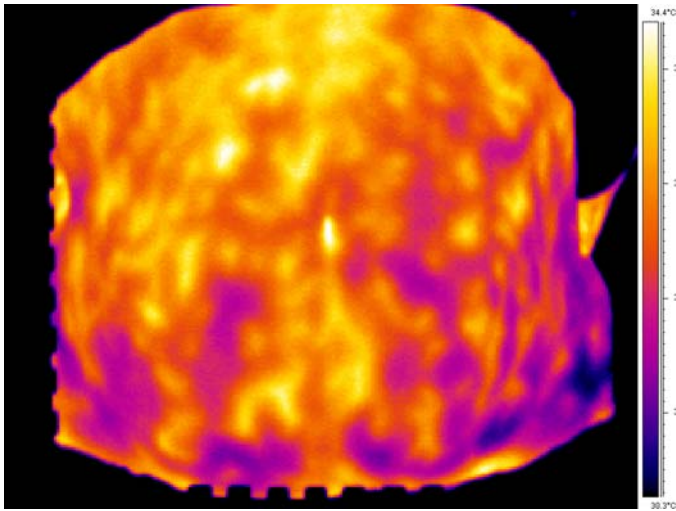
Participant 40
Female, Age 61, BMI 22.94



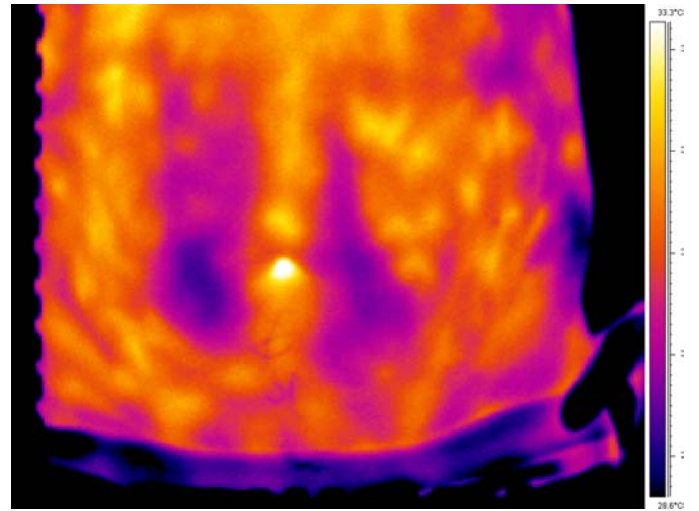
Baseline



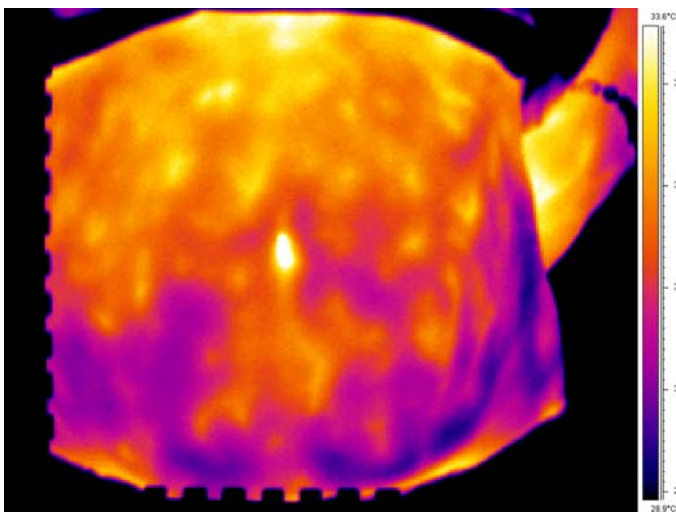
Baseline



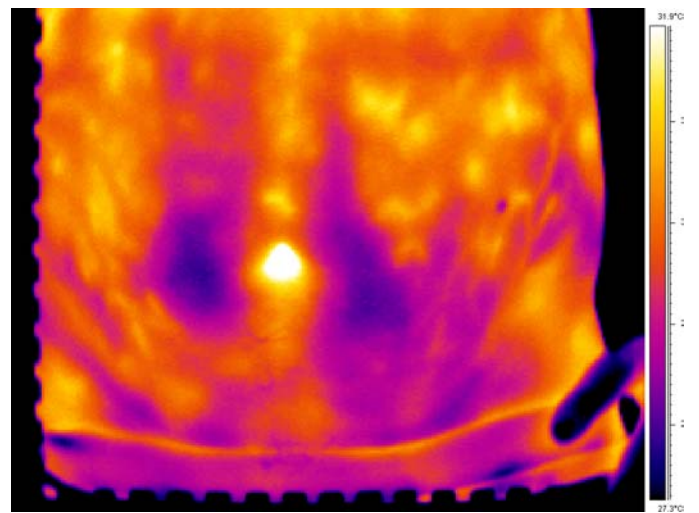
After 20 Minutes Equilibration



After 20 Minutes Equilibration



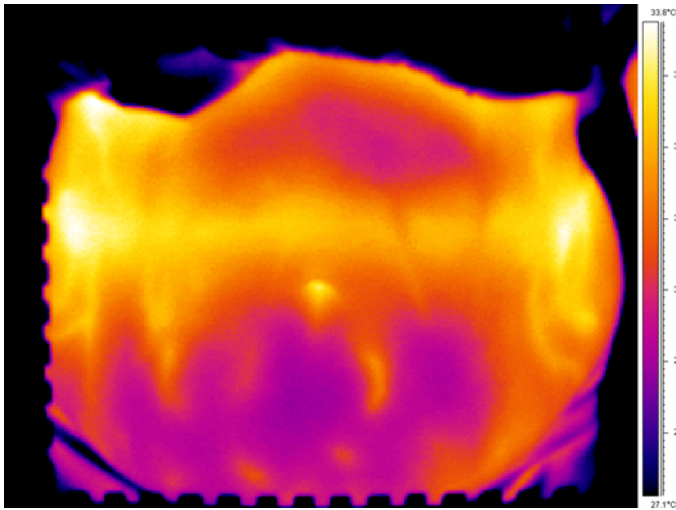
After Alcohol Swab



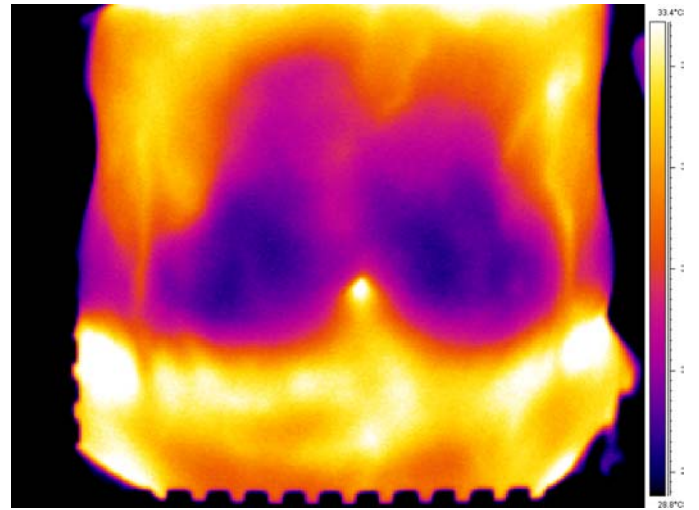
After Alcohol Swab

Participant 41
Female, Age 52, BMI 28.04

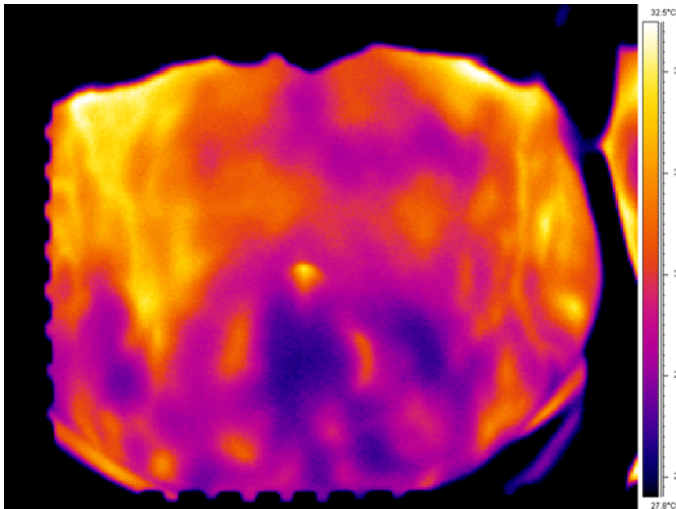
Participant 42
Male, Age 68, BMI 28.65



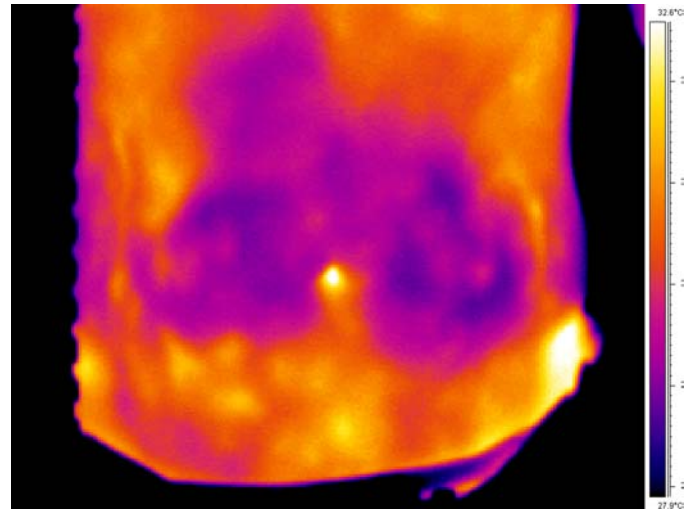
Baseline



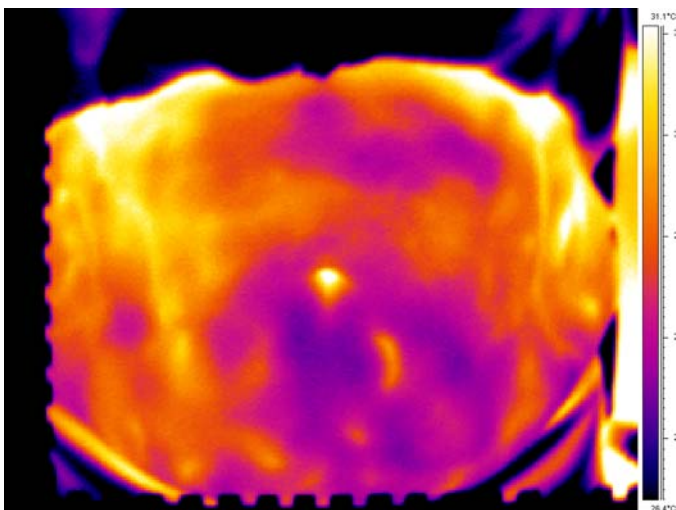
Baseline



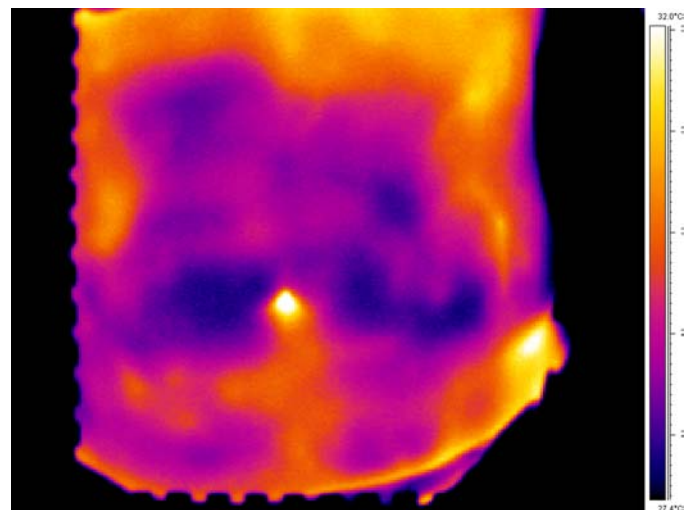
After 20 Minutes Equilibration



After 20 Minutes Equilibration



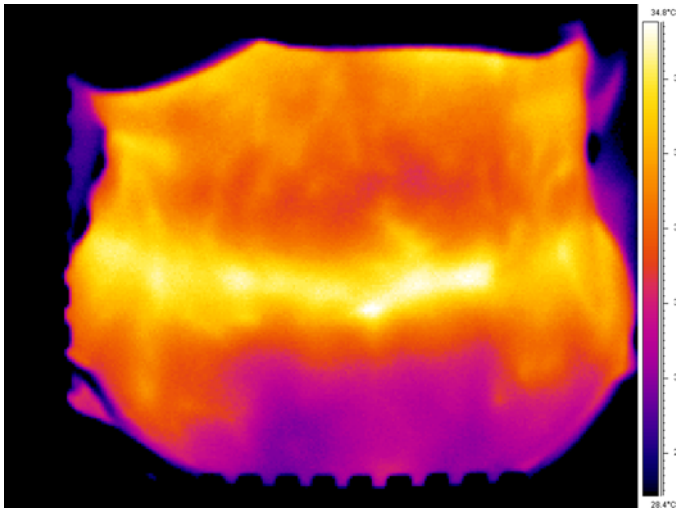
After Alcohol Swab



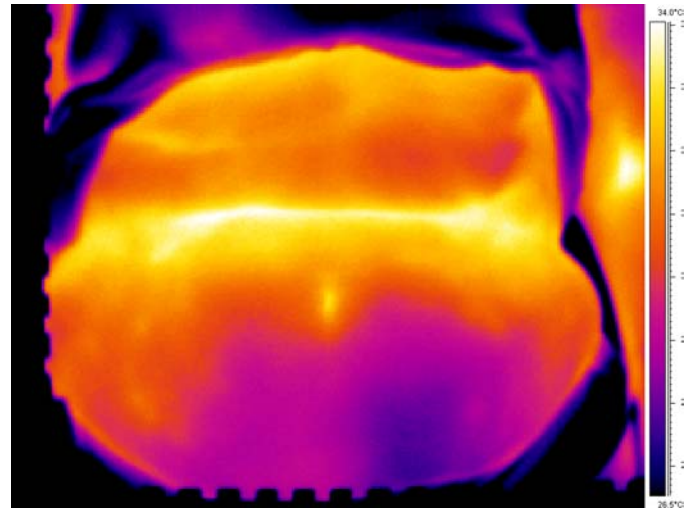
After Alcohol Swab

Participant 43
Female, Age 66, BMI 30.24

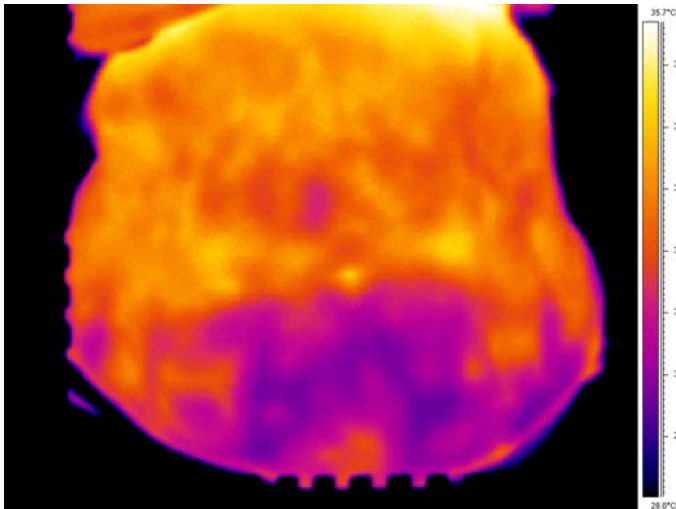
Participant 44
Female, Age 40, BMI 23.43



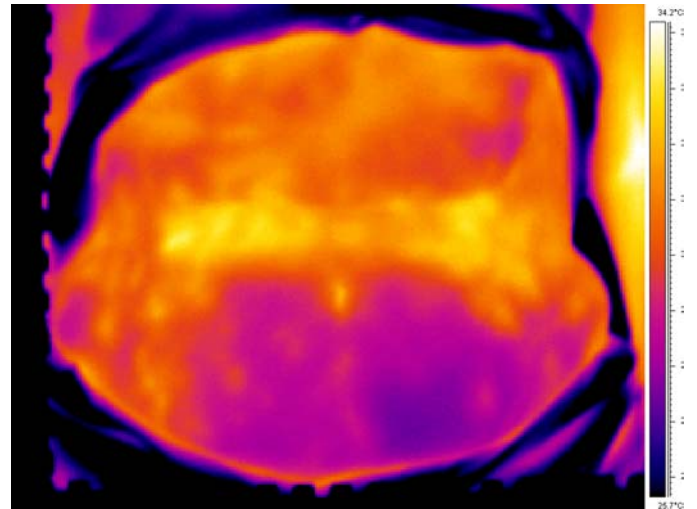
Baseline



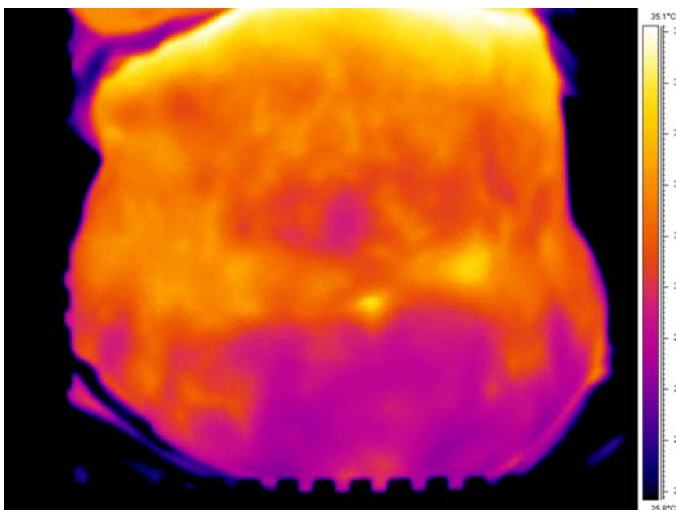
Baseline



After 20 Minutes Equilibration

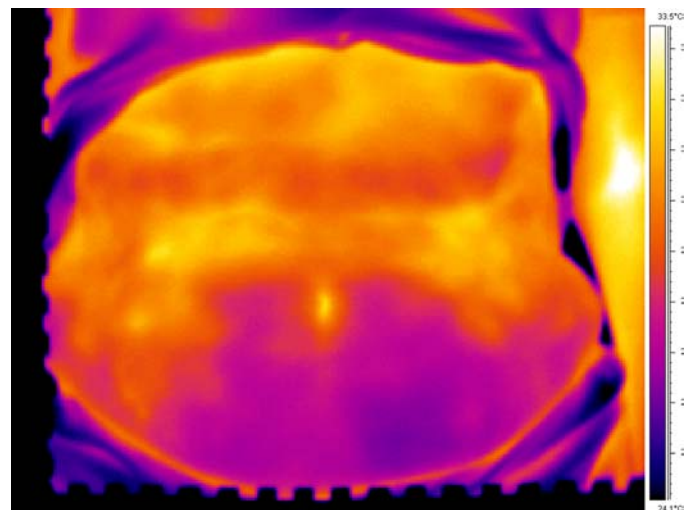


After 20 Minutes Equilibration



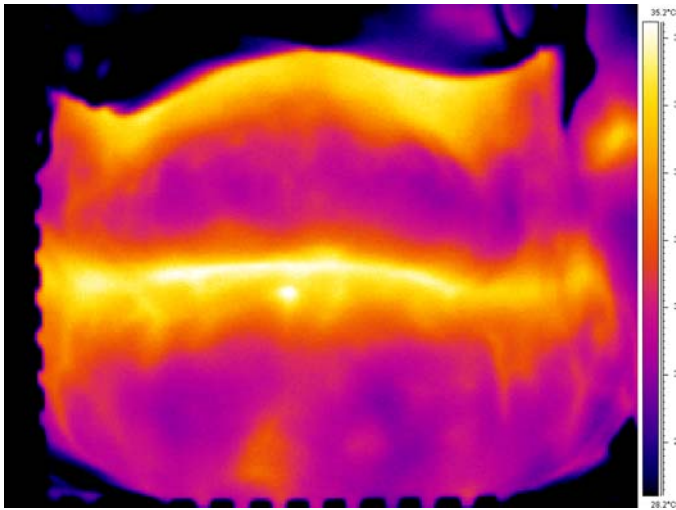
After Alcohol Swab

Participant 45
Female, Age 65, BMI 25.80

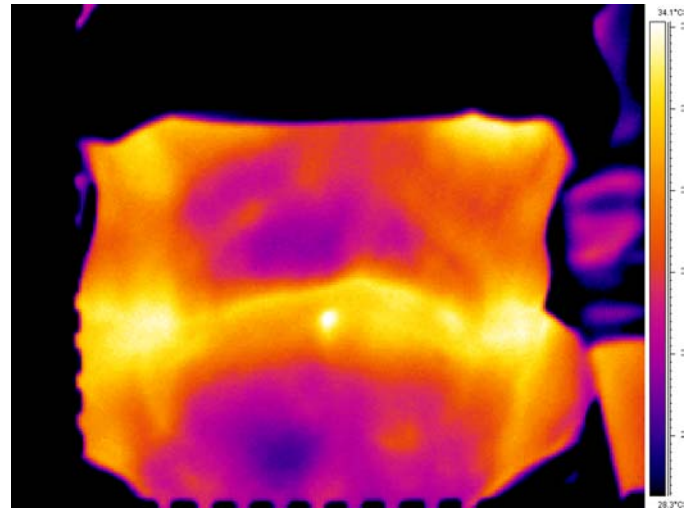


After Alcohol Swab

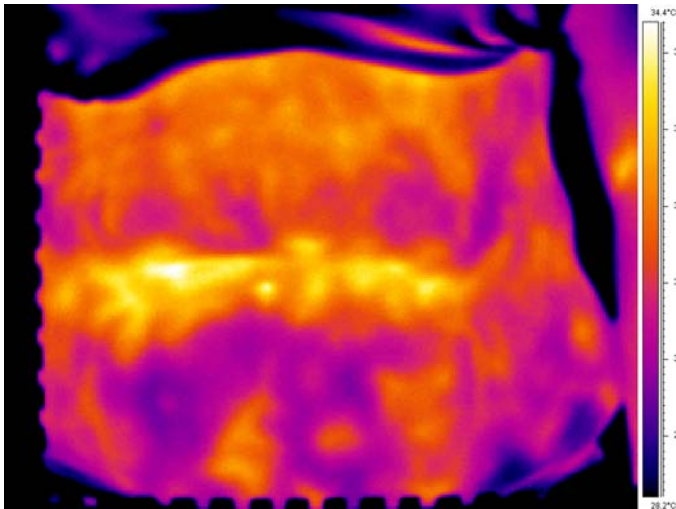
Participant 46
Female, Age 68, BMI 25.29



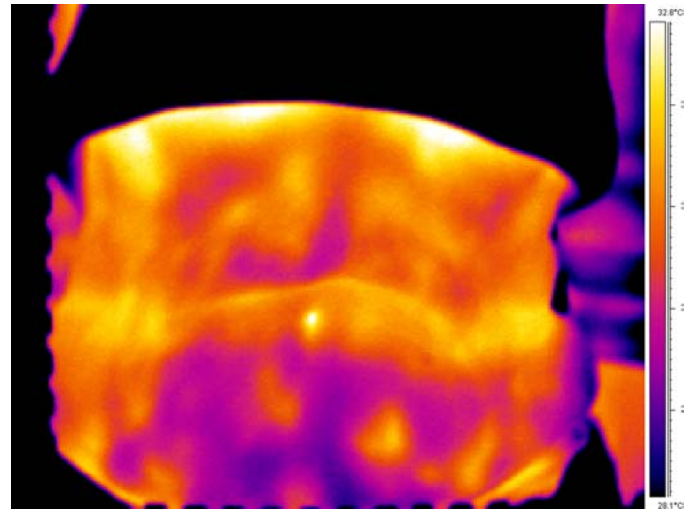
Baseline



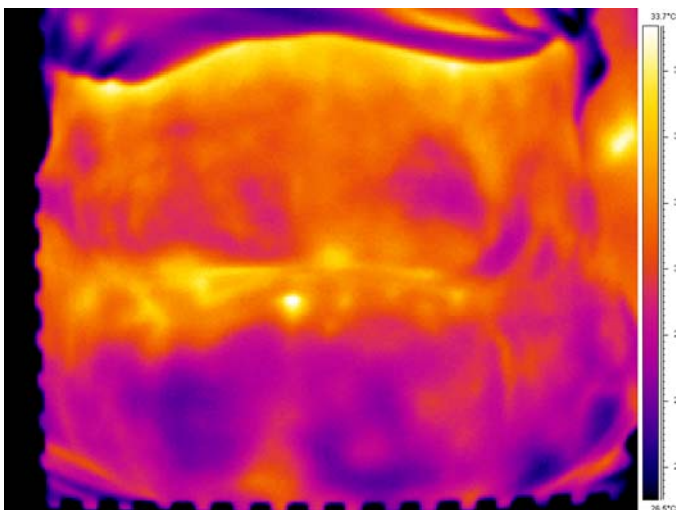
Baseline



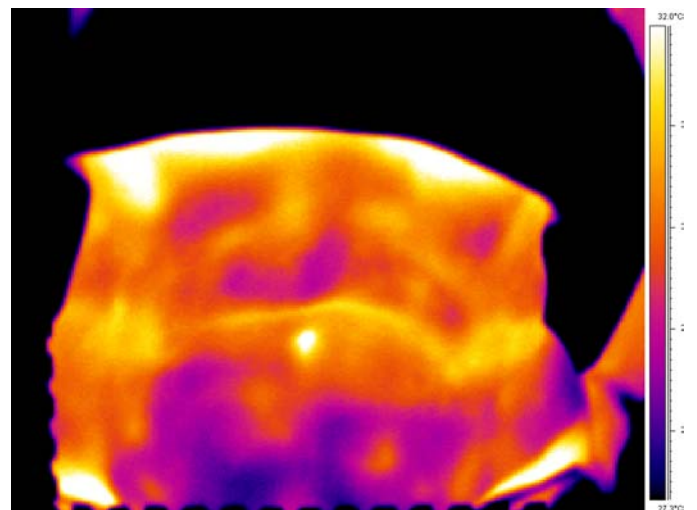
After 20 Minutes Equilibration



After 20 Minutes Equilibration



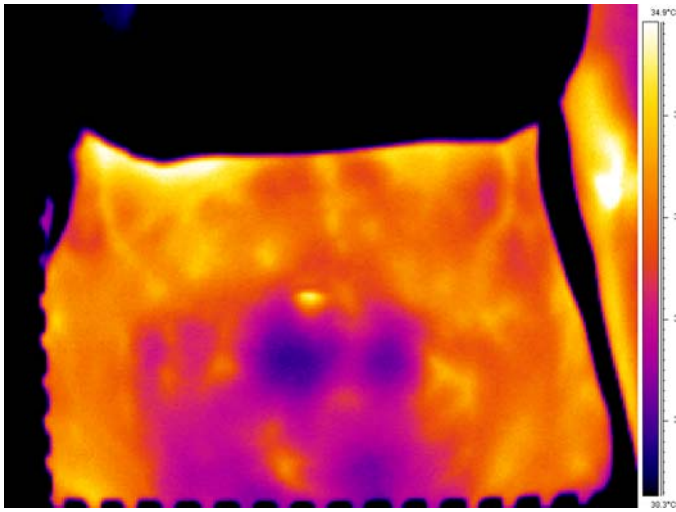
After Alcohol Swab



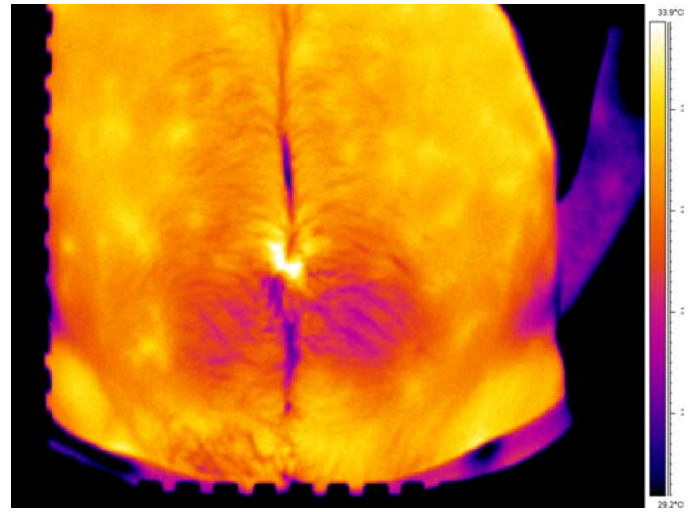
After Alcohol Swab

Participant 47
Female, Age 52, BMI 26.93

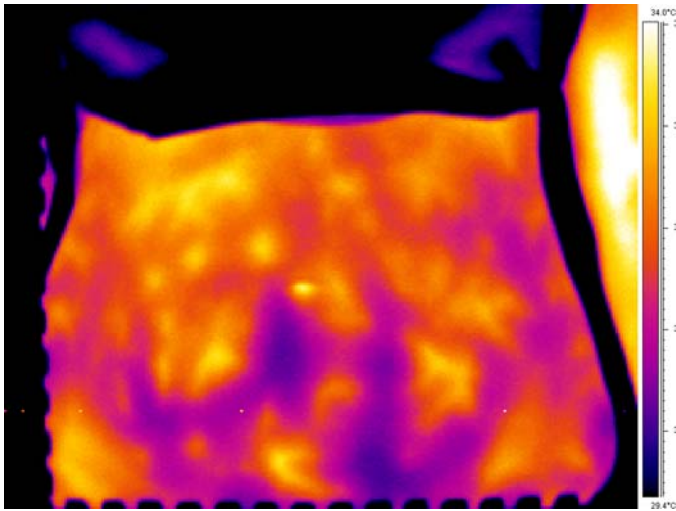
Participant 48
Female, Age 72, BMI 23.08



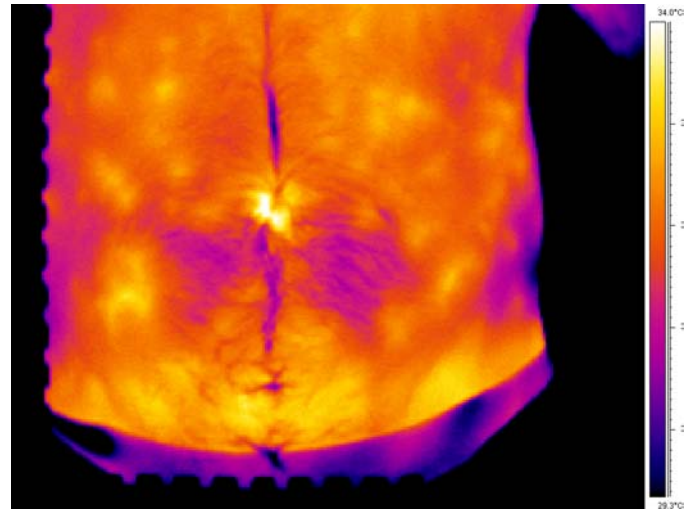
Baseline



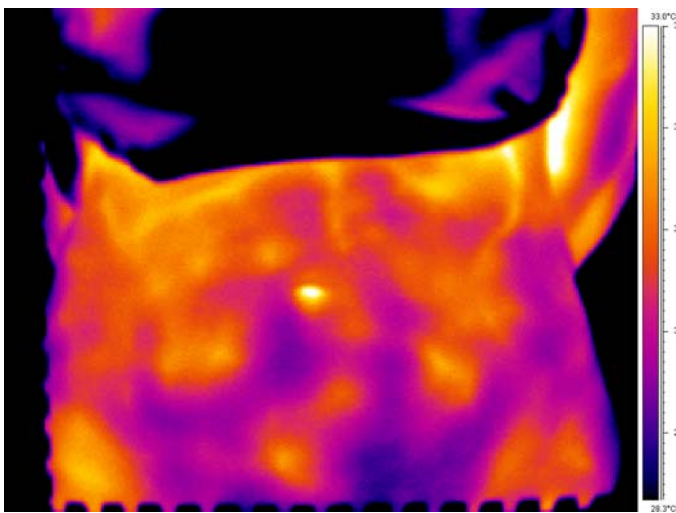
Baseline



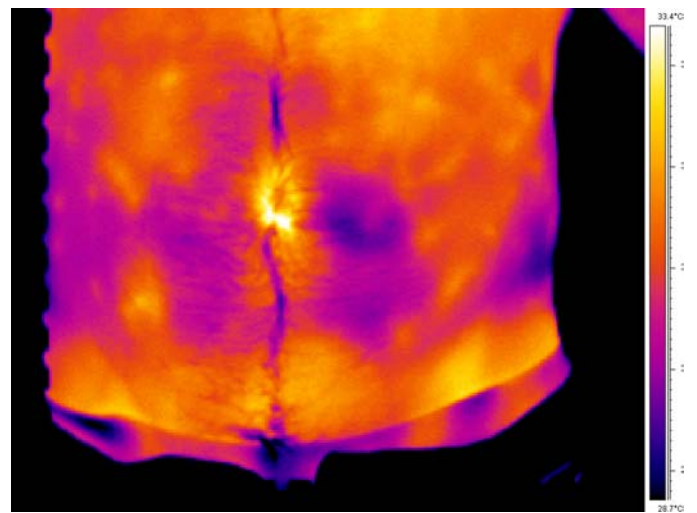
After 20 Minutes Equilibration



After 20 Minutes Equilibration



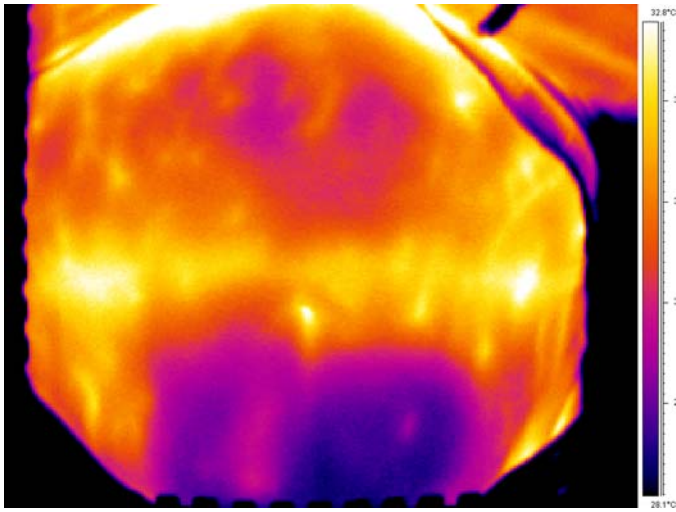
After Alcohol Swab



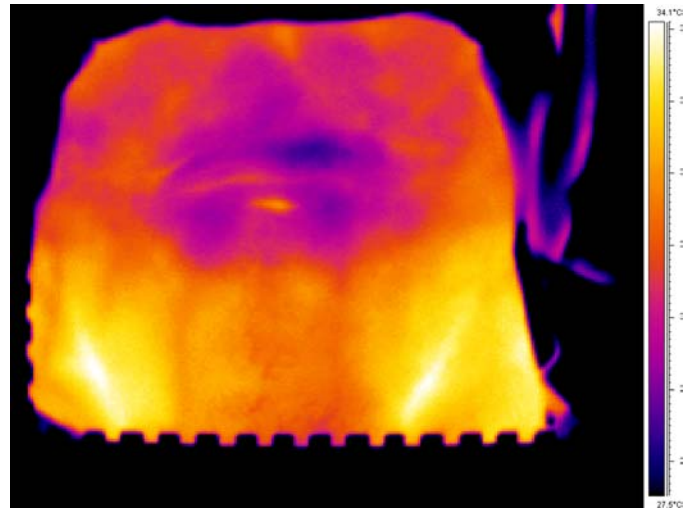
After Alcohol Swab

Participant 49
Female, Age 56, BMI 22.64

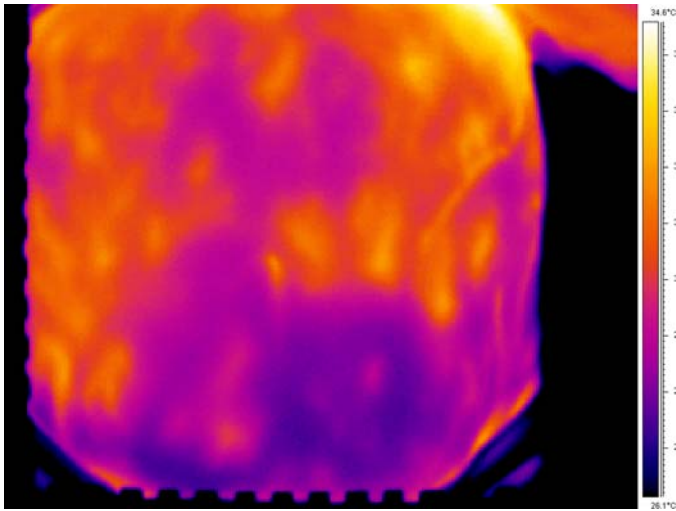
Participant 50
Male, Age 36, BMI 23.16



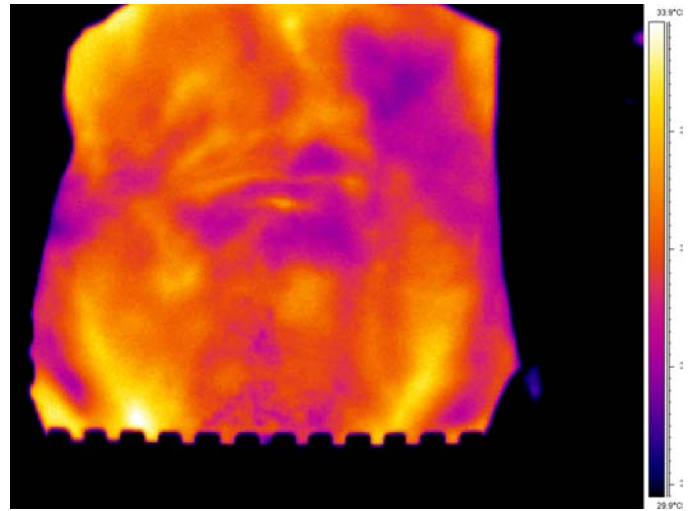
Baseline



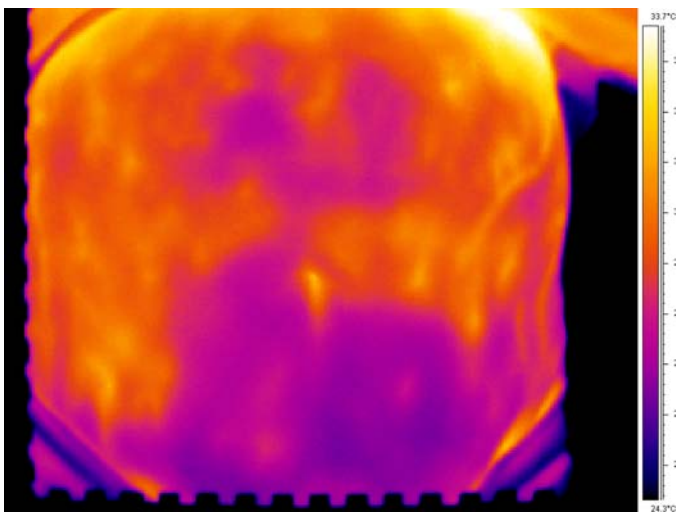
Baseline



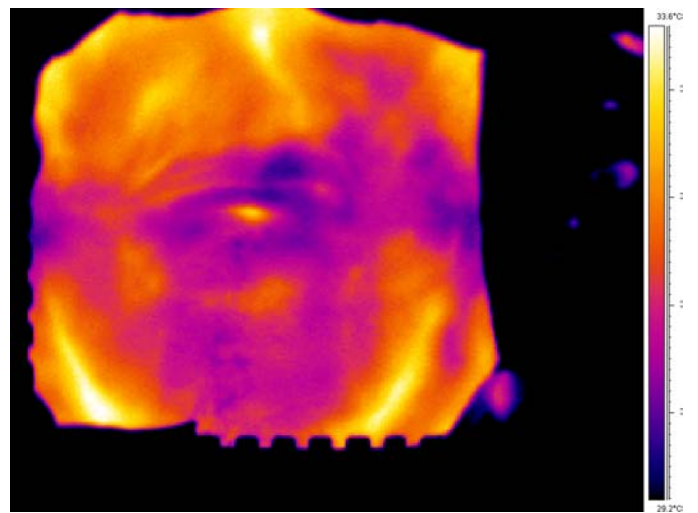
After 20 Minutes Equilibration



After 20 Minutes Equilibration



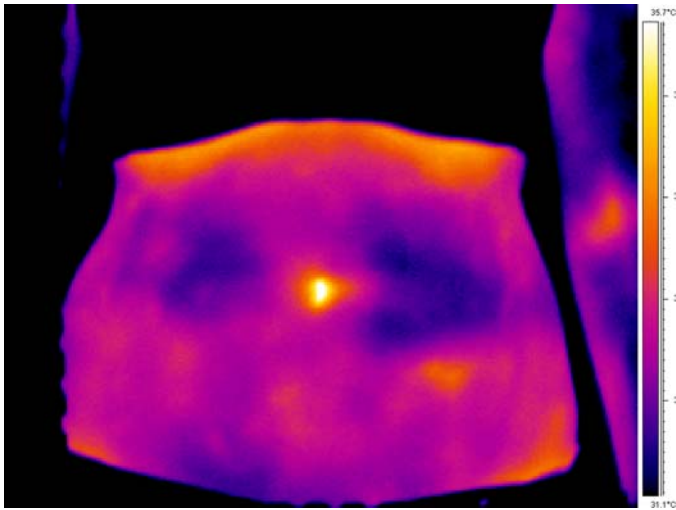
After Alcohol Swab



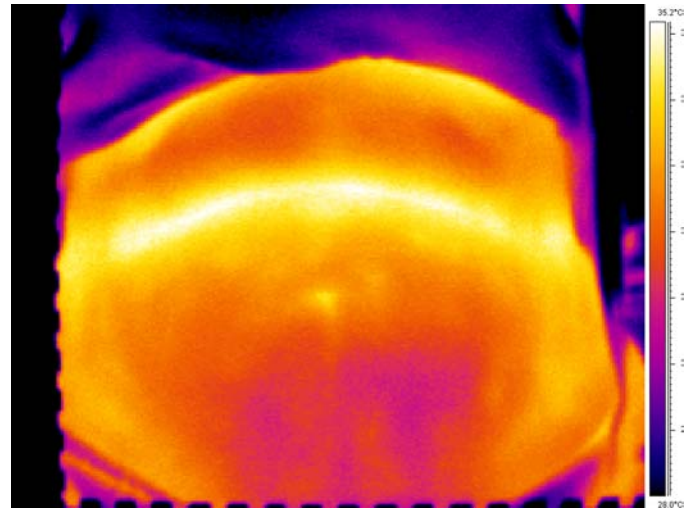
After Alcohol Swab

Participant 51
Female, Age 72, BMI 26.66

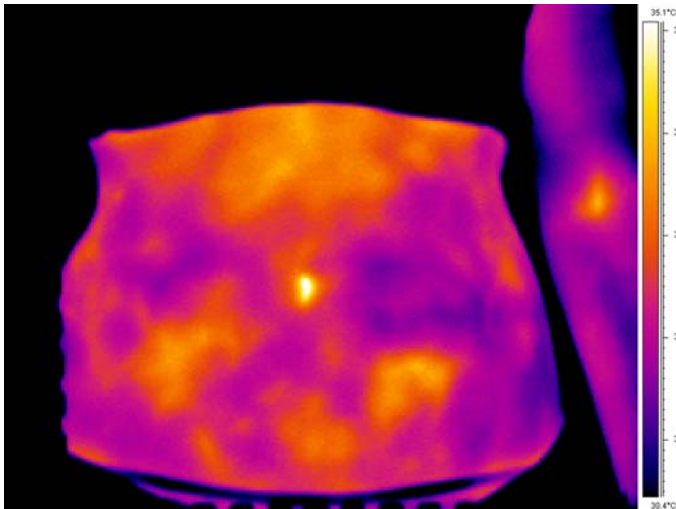
Participant 52
Male, Age 81, BMI 18.83



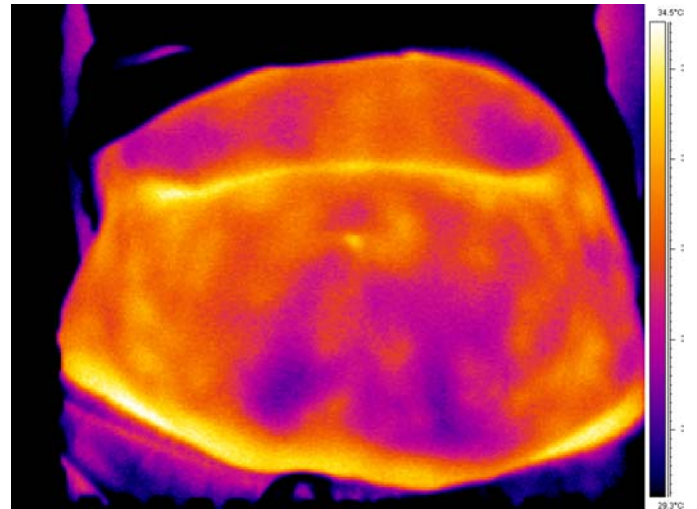
Baseline



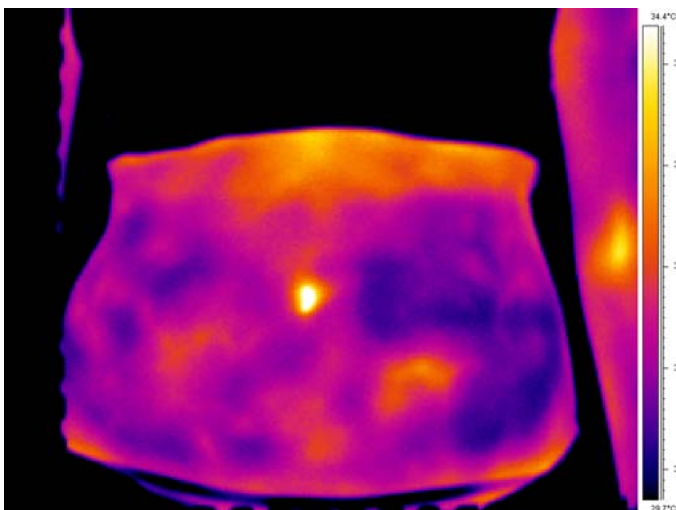
Baseline



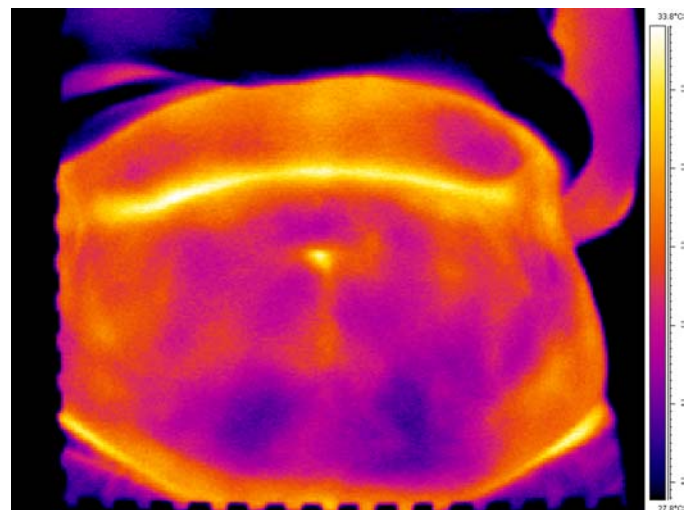
After 20 Minutes Equilibration



After 20 Minutes Equilibration



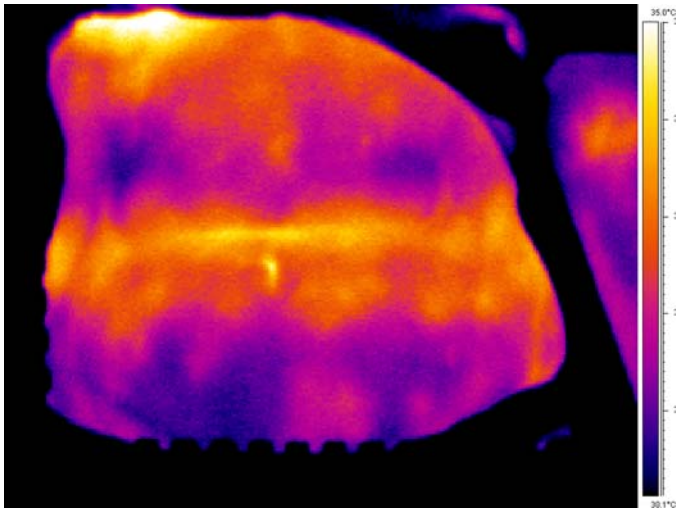
After Alcohol Swab



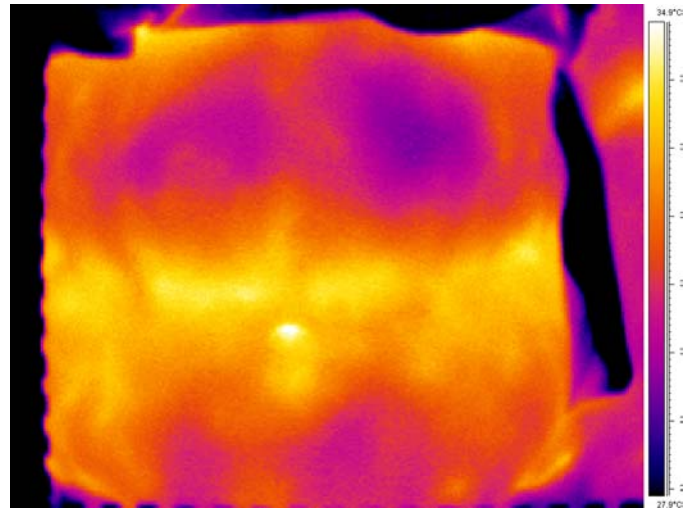
After Alcohol Swab

Participant 53
Female, Age 18, BMI 19.03

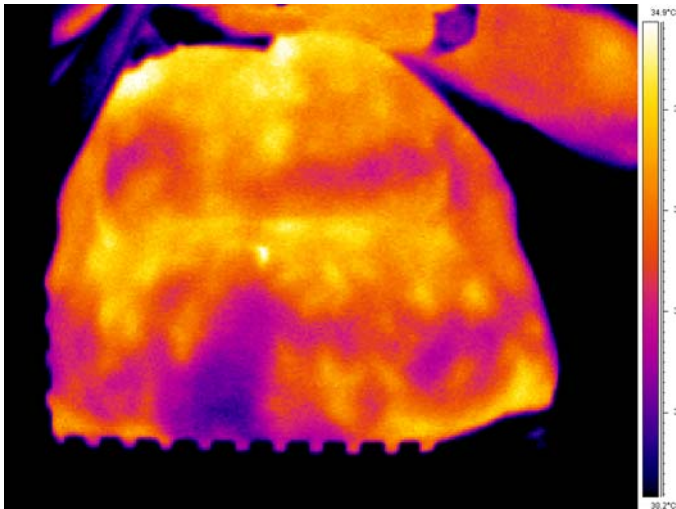
Participant 54
Female, Age 62, BMI 27.49



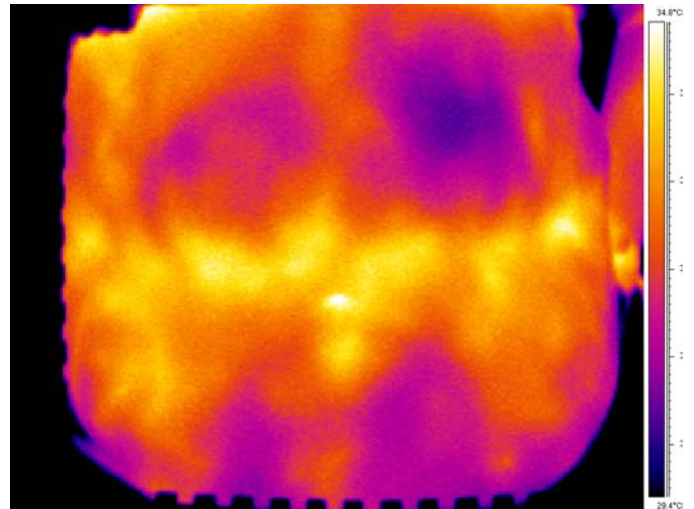
Baseline



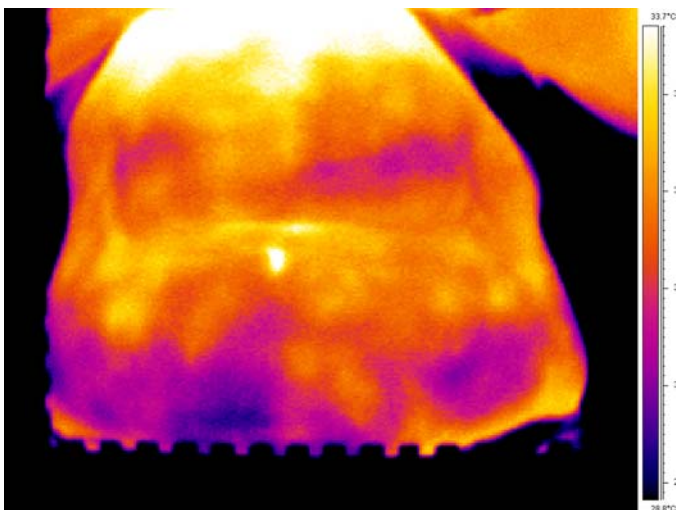
Baseline



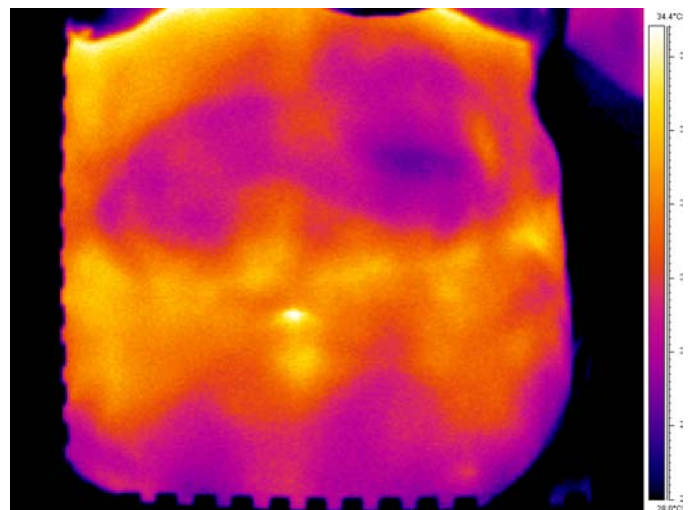
After 20 Minutes Equilibration



After 20 Minutes Equilibration



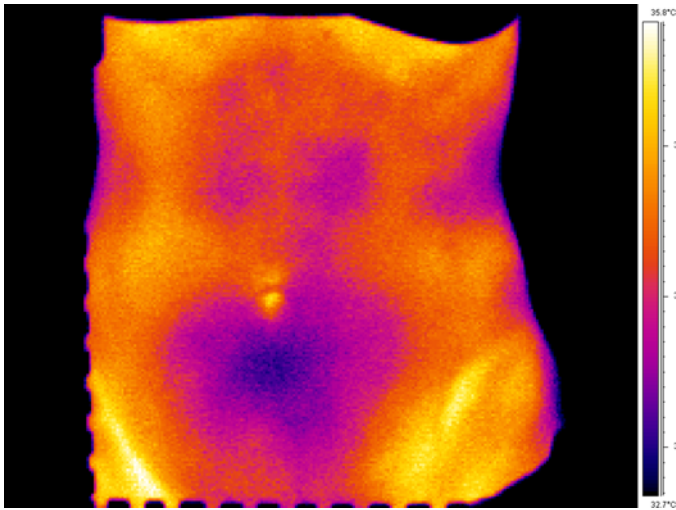
After Alcohol Swab



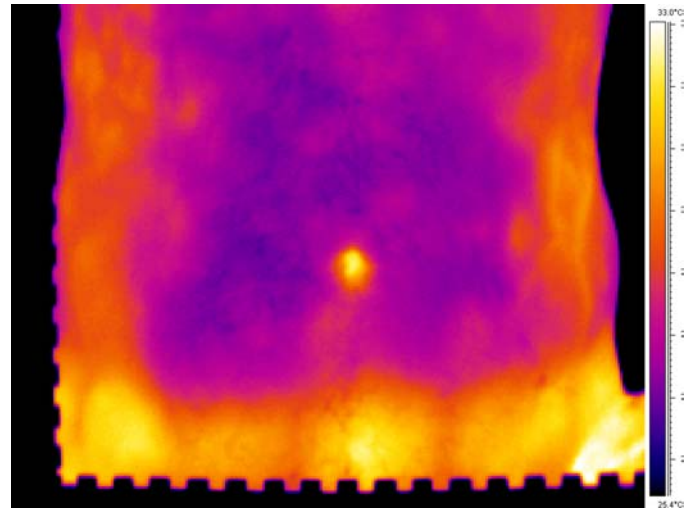
After Alcohol Swab

Participant 55
Female, Age 53, BMI 24.77

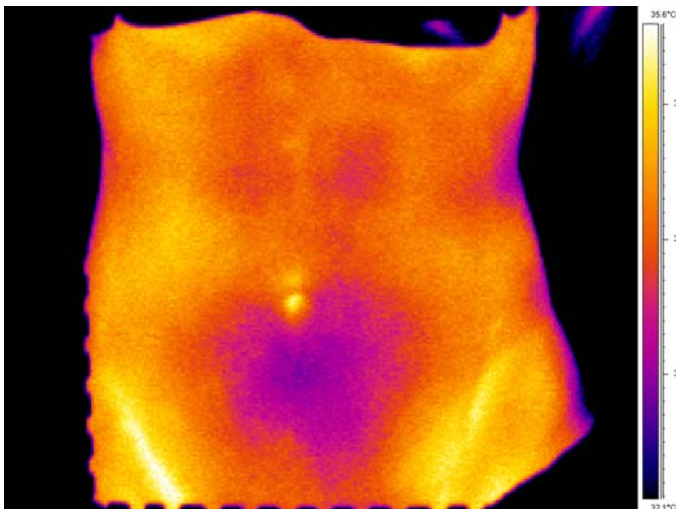
Participant 56
Female, Age 40, BMI 31.16



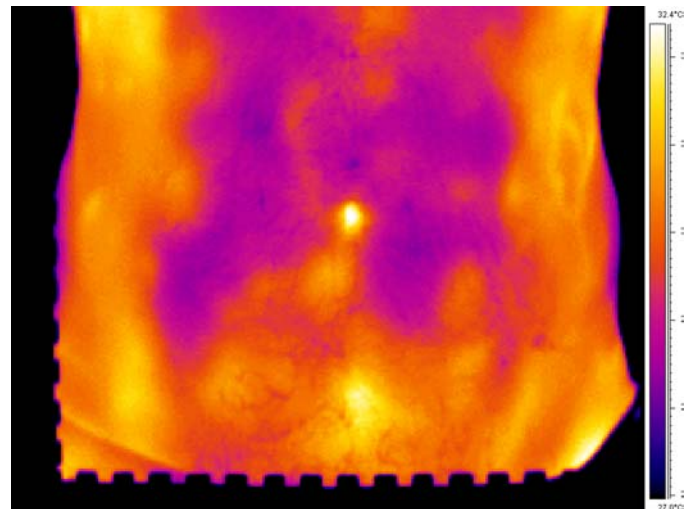
Baseline



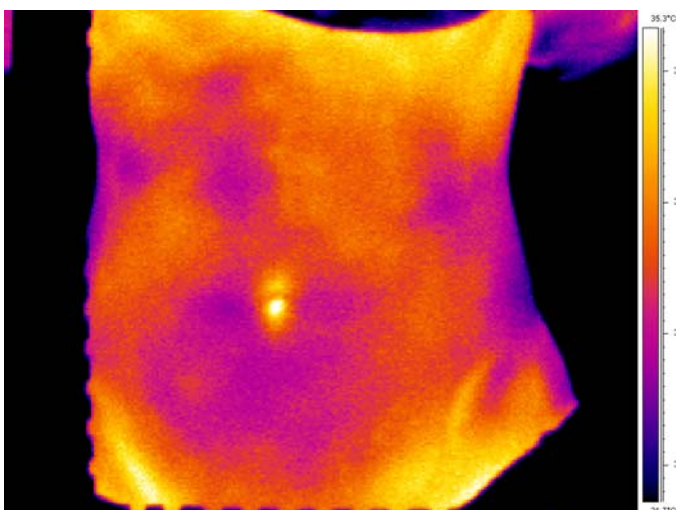
Baseline



After 20 Minutes Equilibration

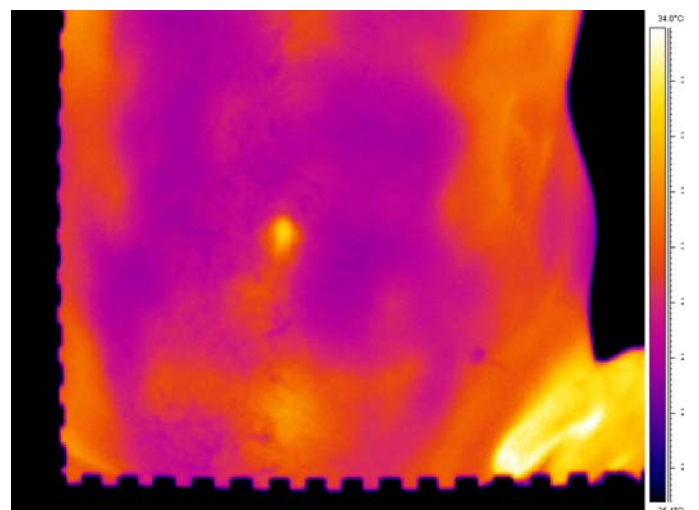


After 20 Minutes Equilibration



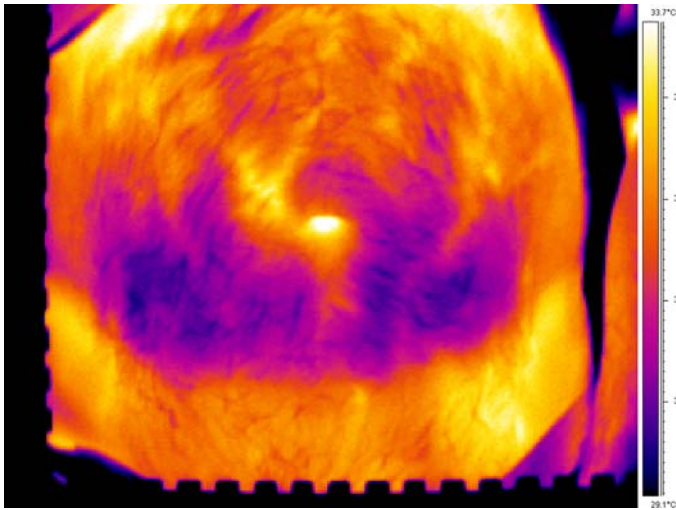
After Alcohol Swab

Participant 57
Female, Age 59, BMI 20.01

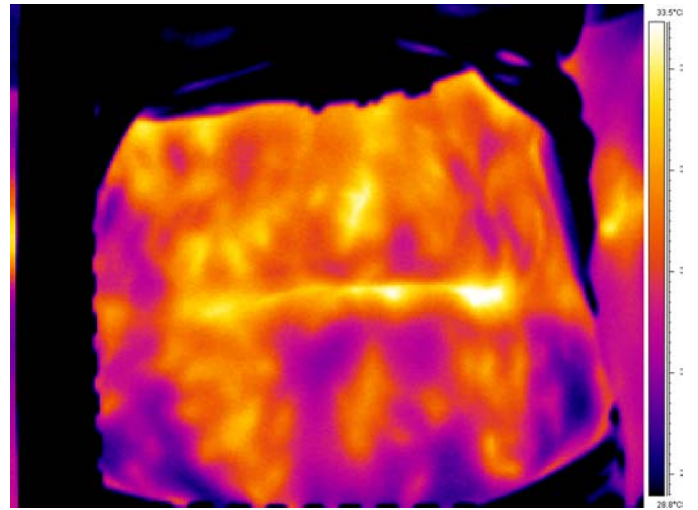


After Alcohol Swab

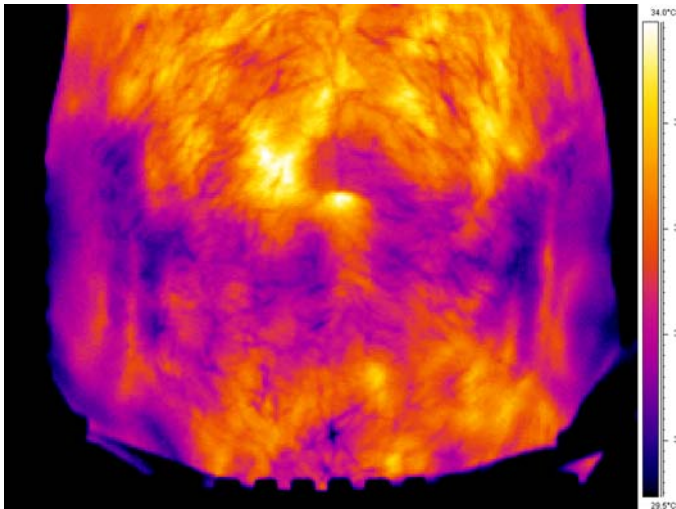
Participant 58
Male, Age 53, BMI 28.65



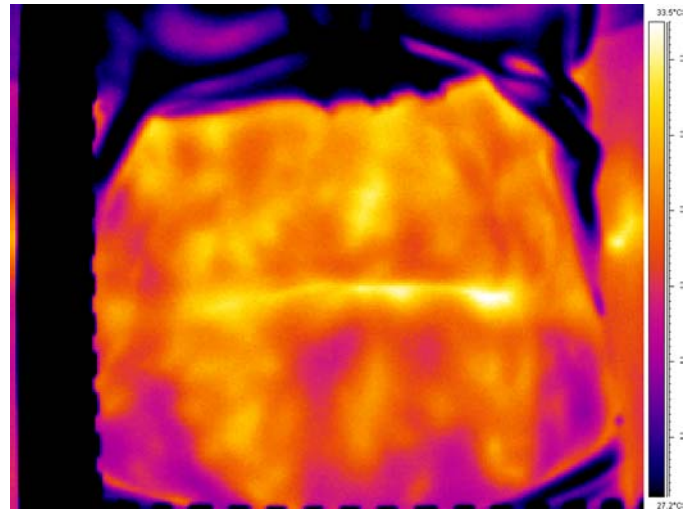
Baseline



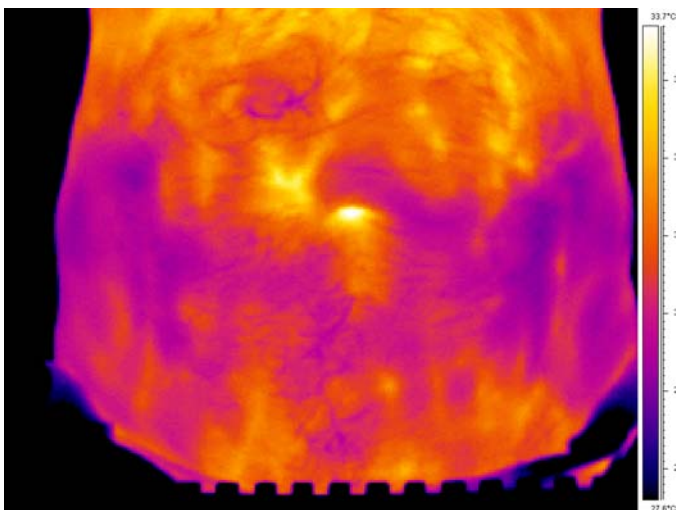
Baseline



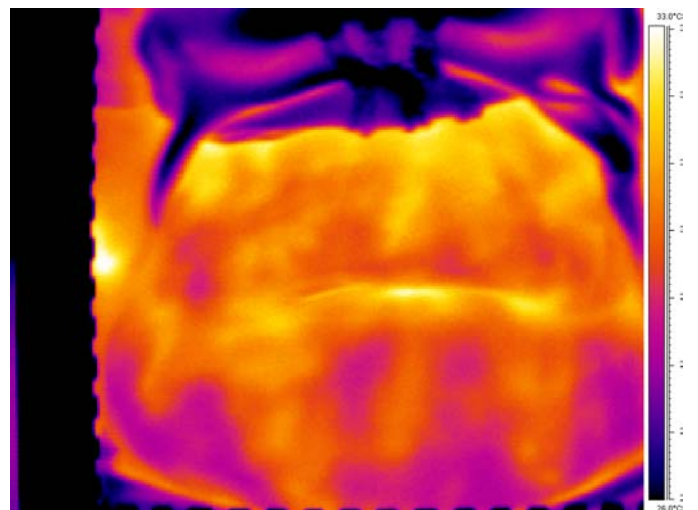
After 20 Minutes Equilibration



After 20 Minutes Equilibration



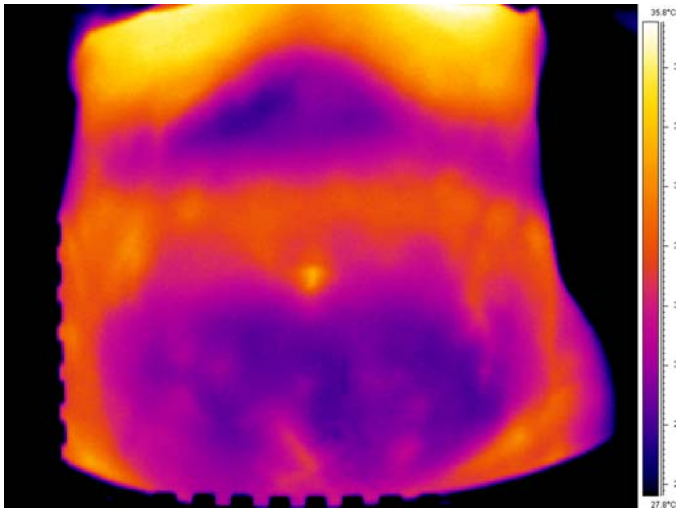
After Alcohol Swab



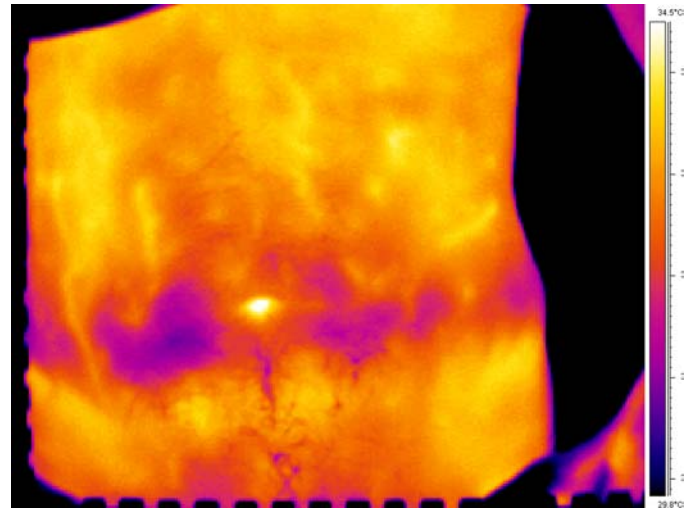
After Alcohol Swab

Participant 59
Male, Age 71, BMI 26.93

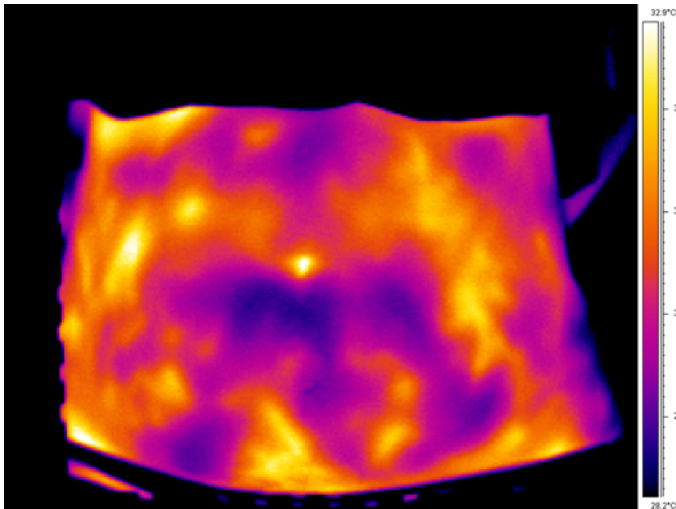
Participant 60
Female, Age 67, BMI 22.71



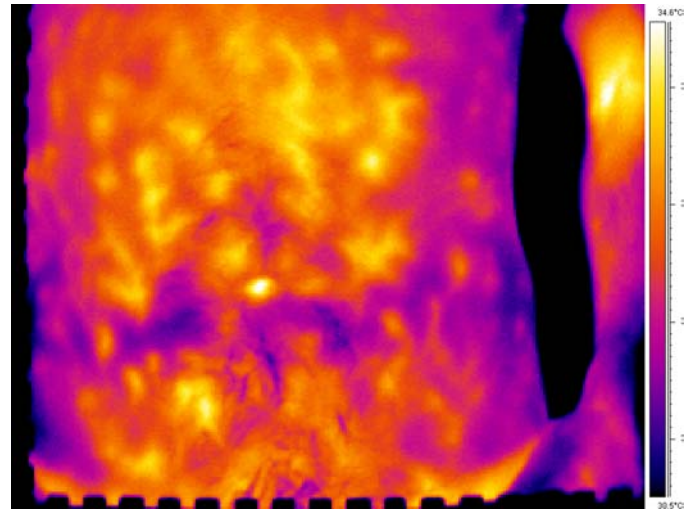
Baseline



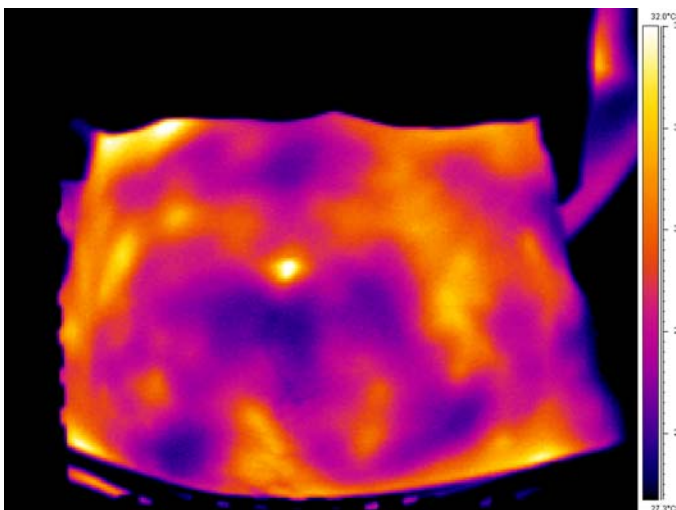
Baseline



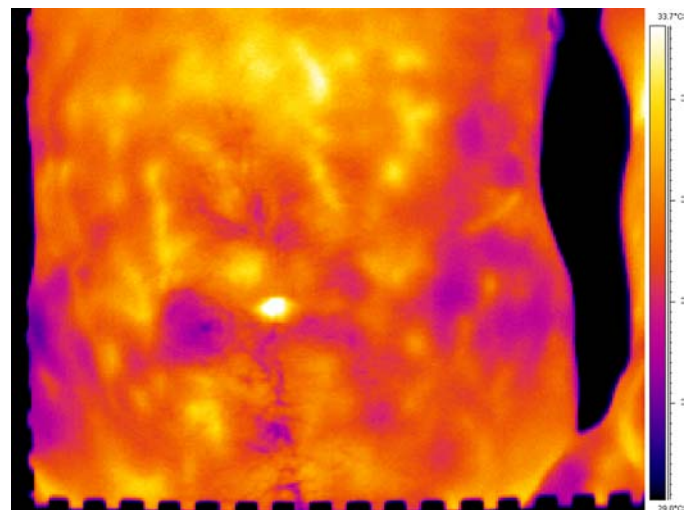
After 20 Minutes Equilibration



After 20 Minutes Equilibration



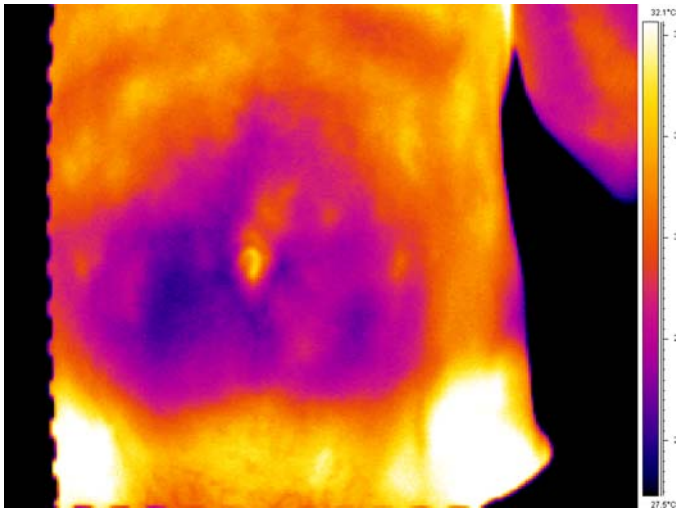
After Alcohol Swab



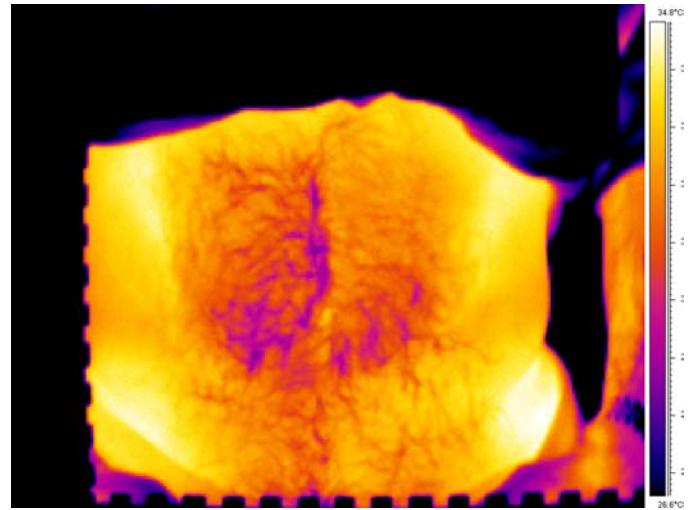
After Alcohol Swab

Participant 61
Female, Age 44, BMI 27.51

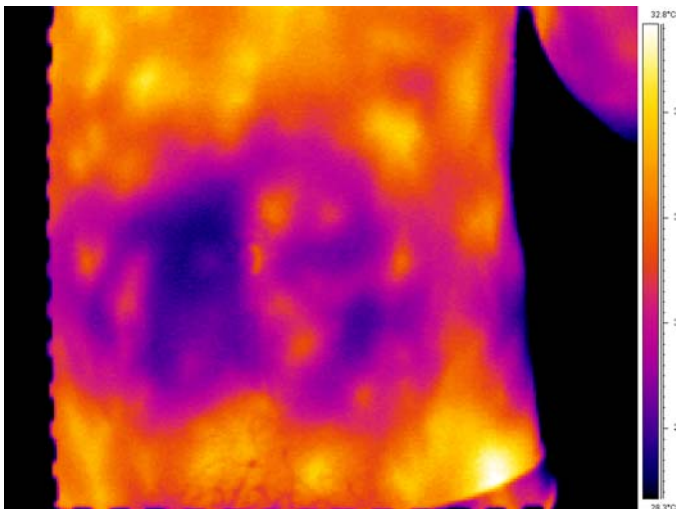
Participant 62
Male, Age 50, BMI 23.42



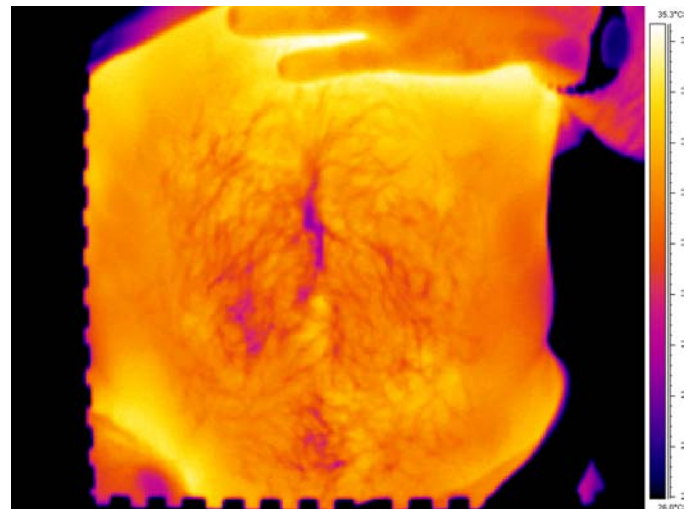
Baseline



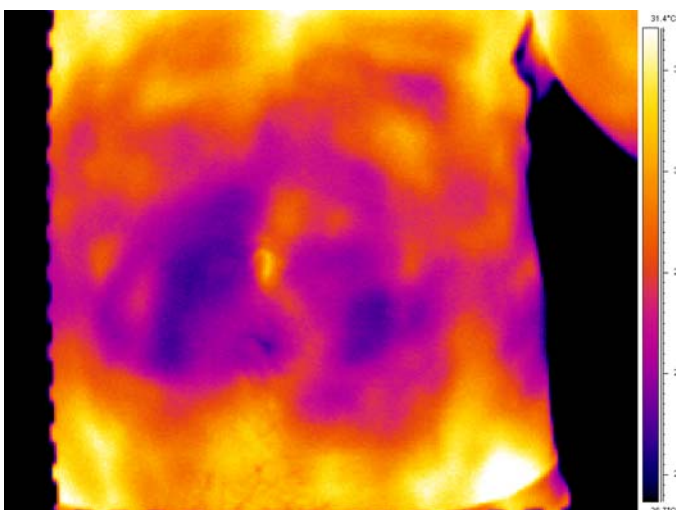
Baseline



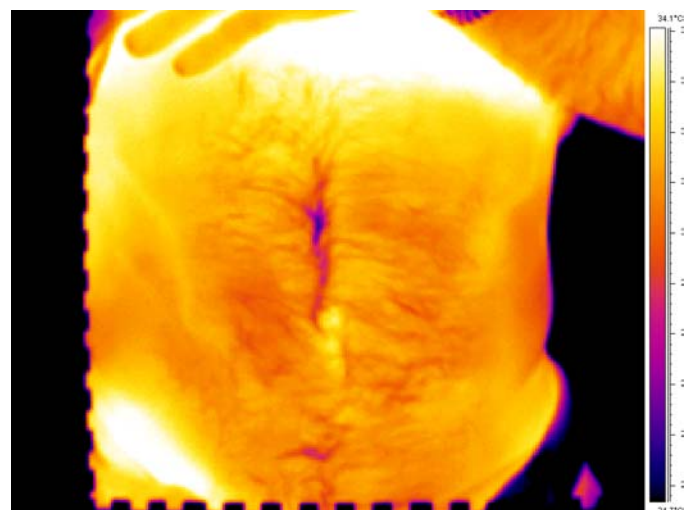
After 20 Minutes Equilibration



After 20 Minutes Equilibration



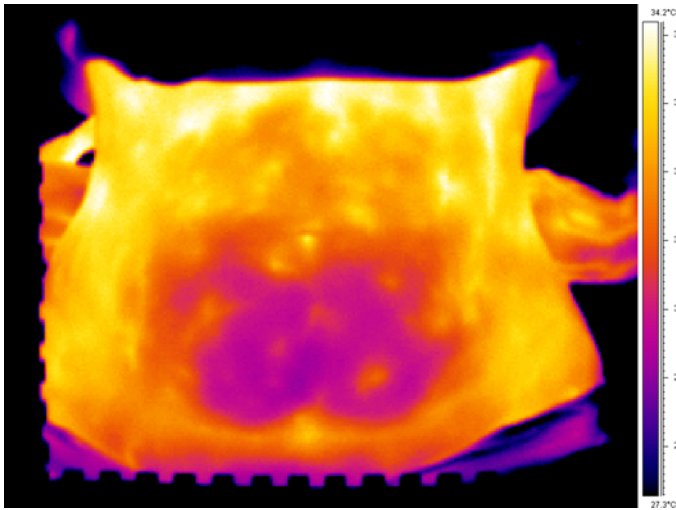
After Alcohol Swab



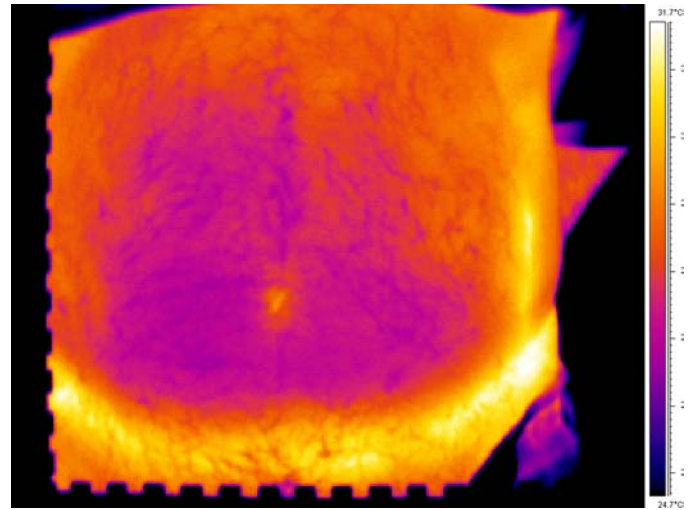
After Alcohol Swab

Participant 63
Male, Age 39, BMI 25.88

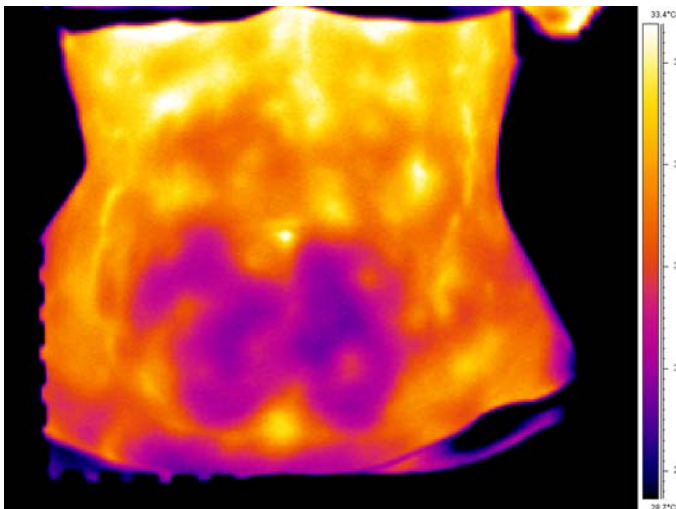
Participant 64
Male, Age 66, BMI 23.46



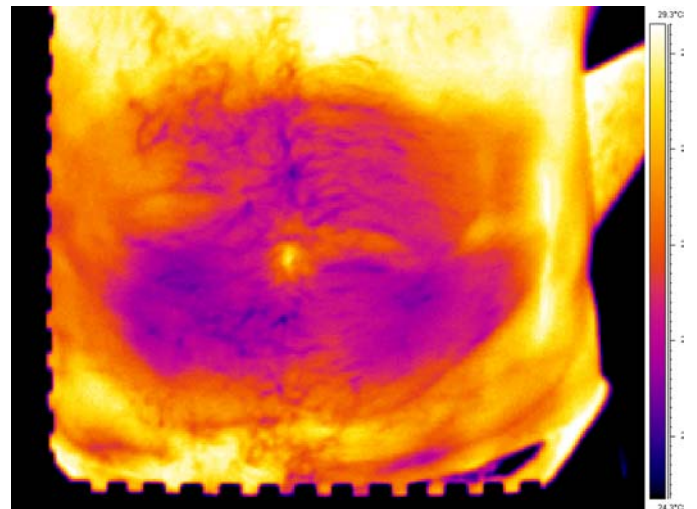
Baseline



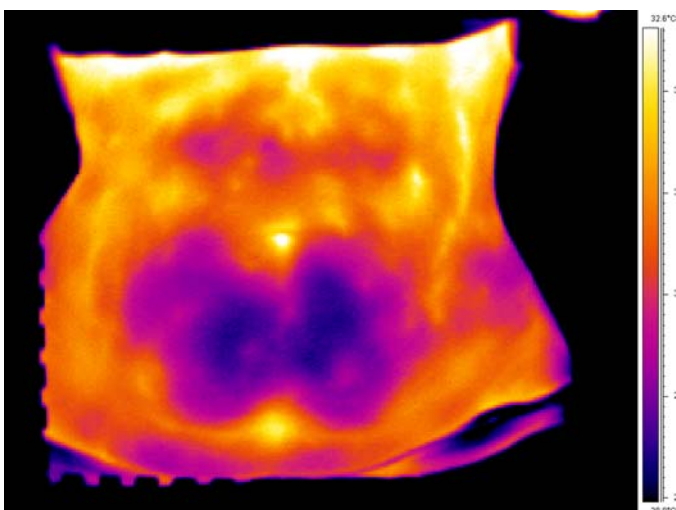
Baseline



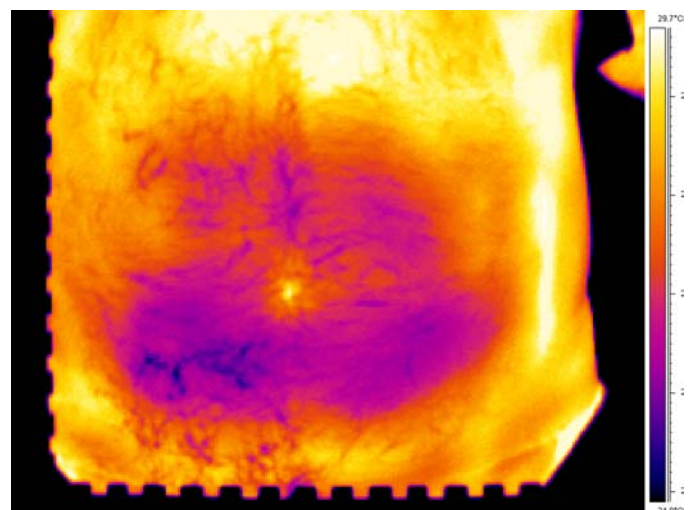
After 20 Minutes Equilibration



After 20 Minutes Equilibration



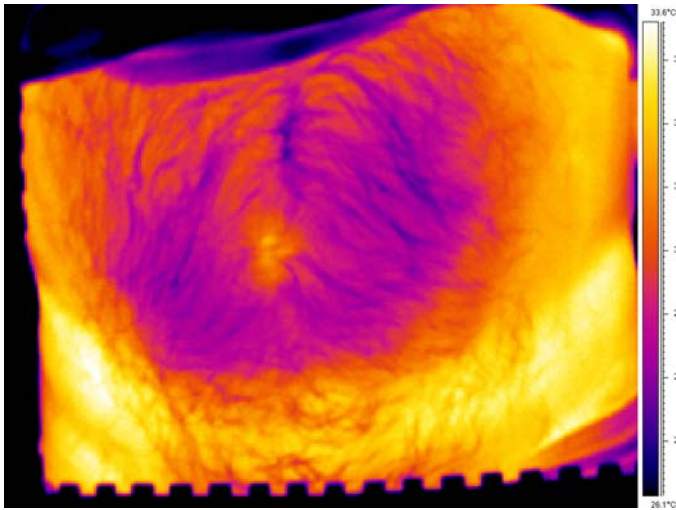
After Alcohol Swab



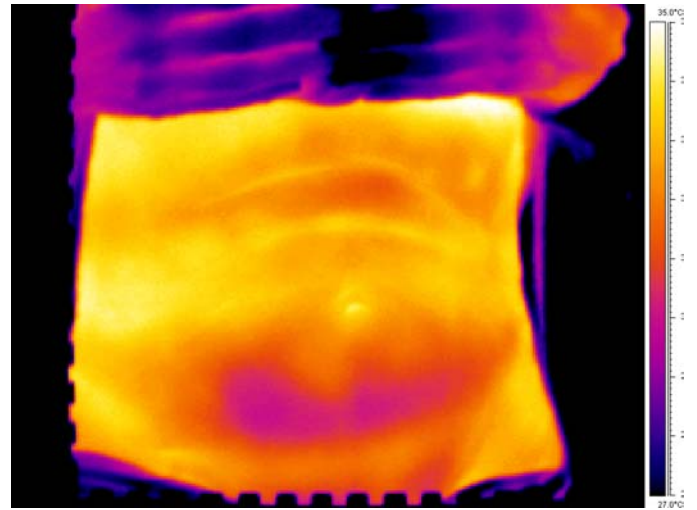
After Alcohol Swab

Participant 65
Female, Age 70, BMI 20.22

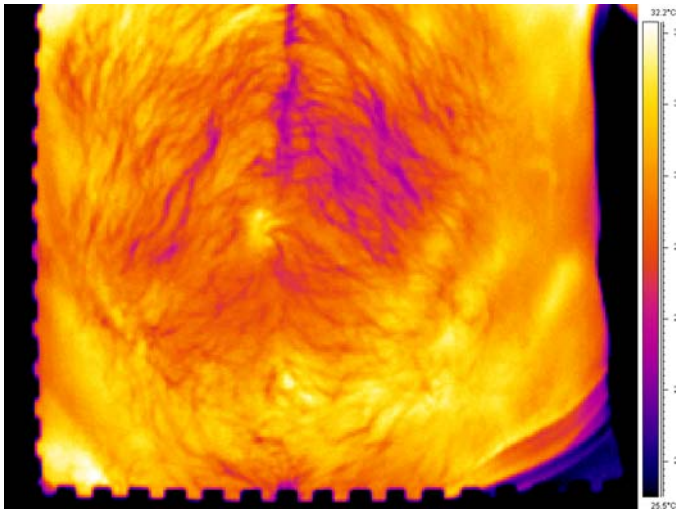
Participant 66
Male, Age 64, BMI 28.12



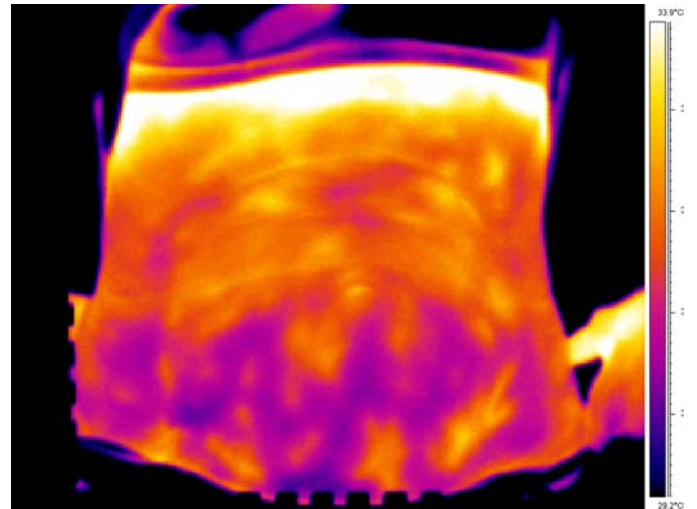
Baseline



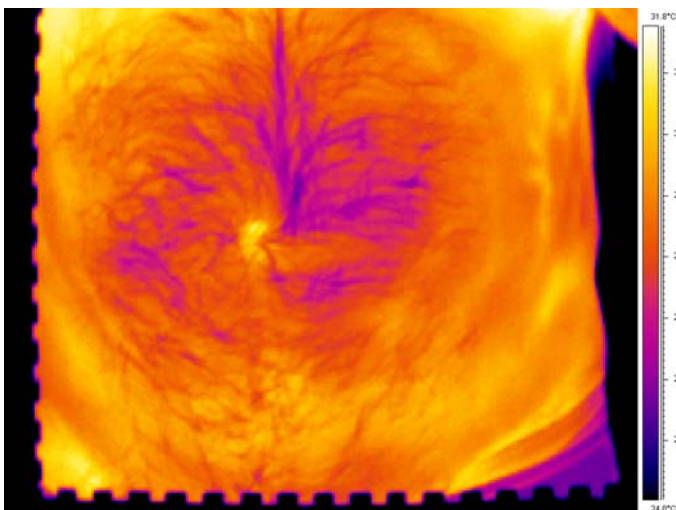
Baseline



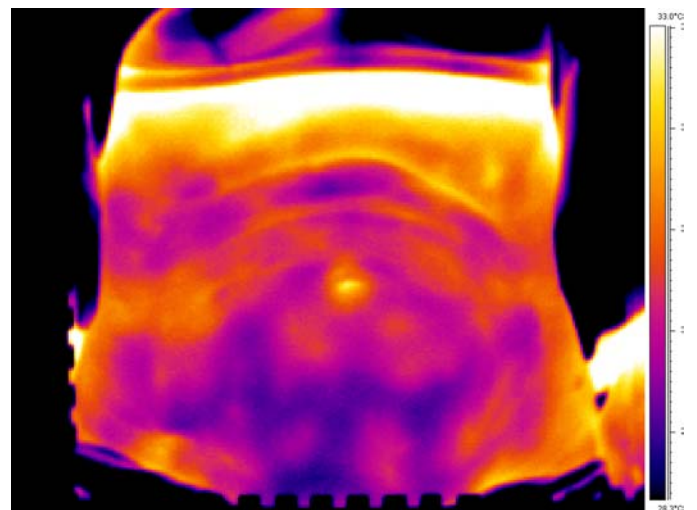
After 20 Minutes Equilibration



After 20 Minutes Equilibration



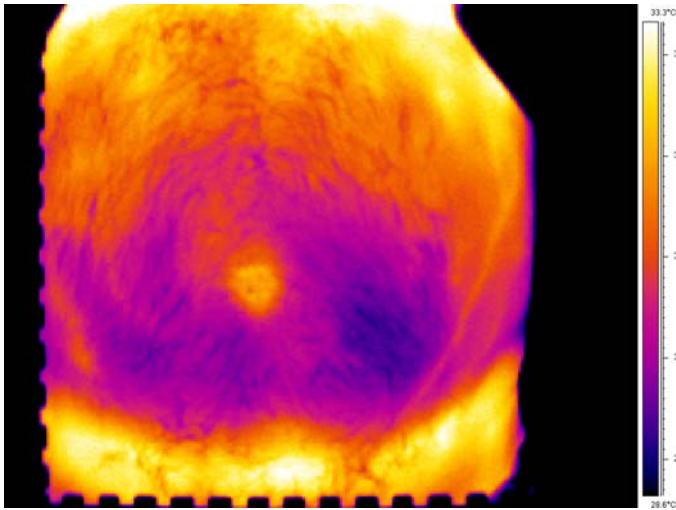
After Alcohol Swab



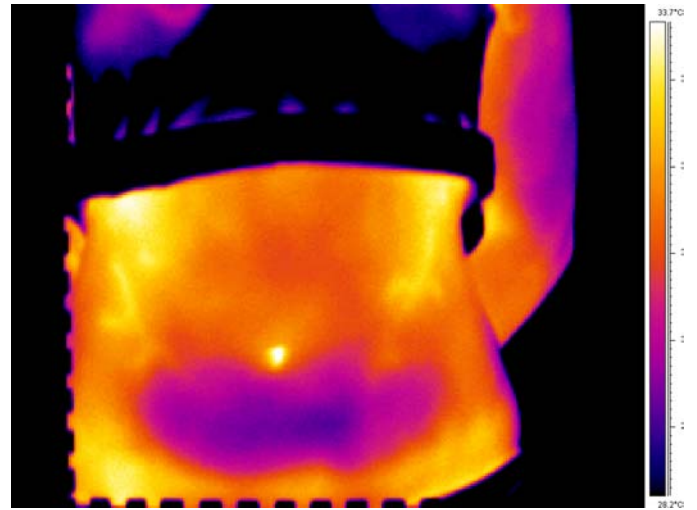
After Alcohol Swab

Participant 67
Male, Age 66, BMI 31.37

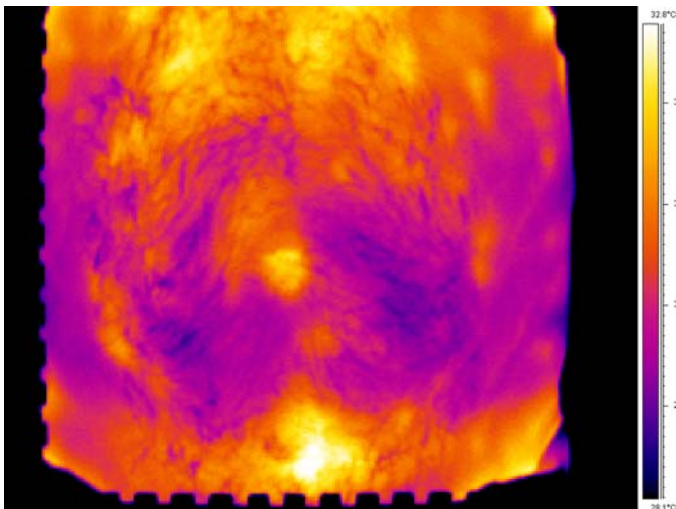
Participant 68
Female, Age 82, BMI 21.30



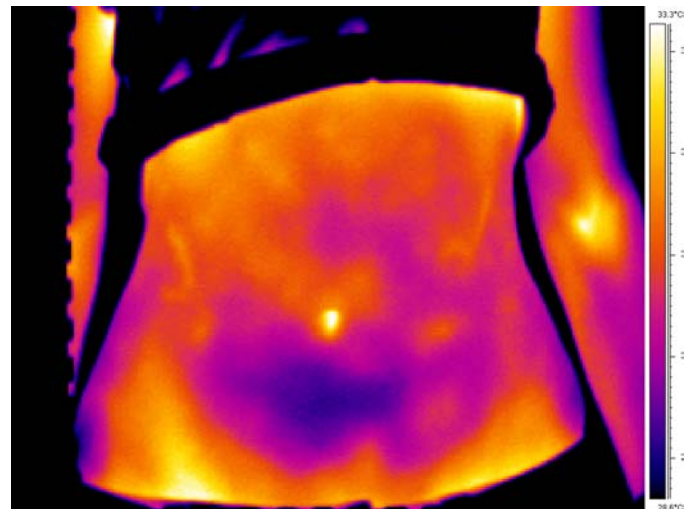
Baseline



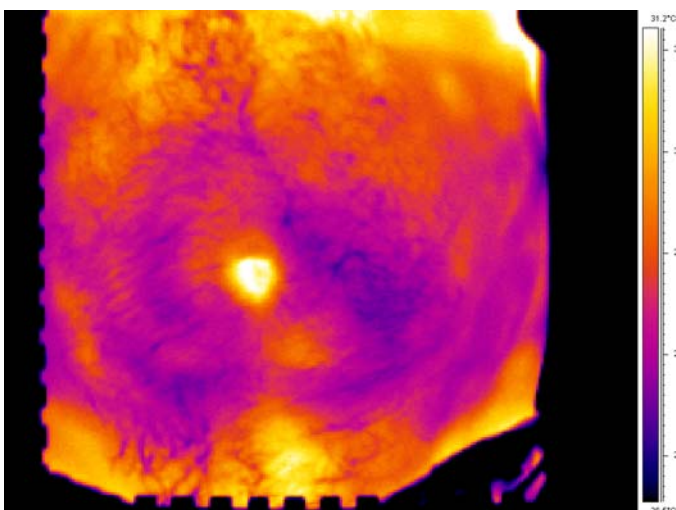
Baseline



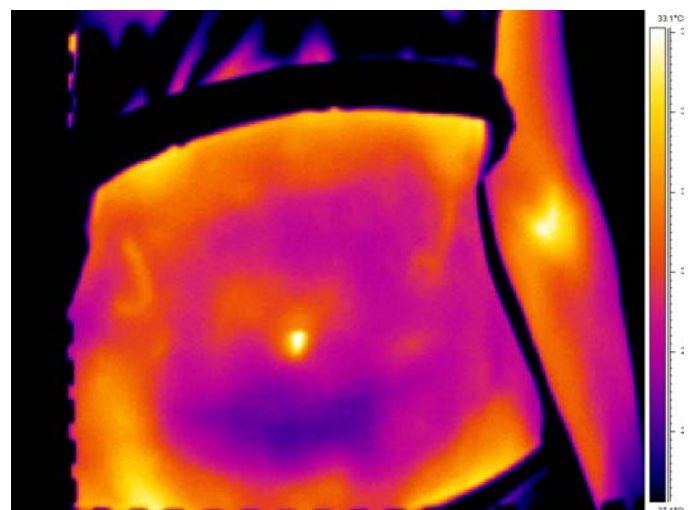
After 20 Minutes Equilibration



After 20 Minutes Equilibration



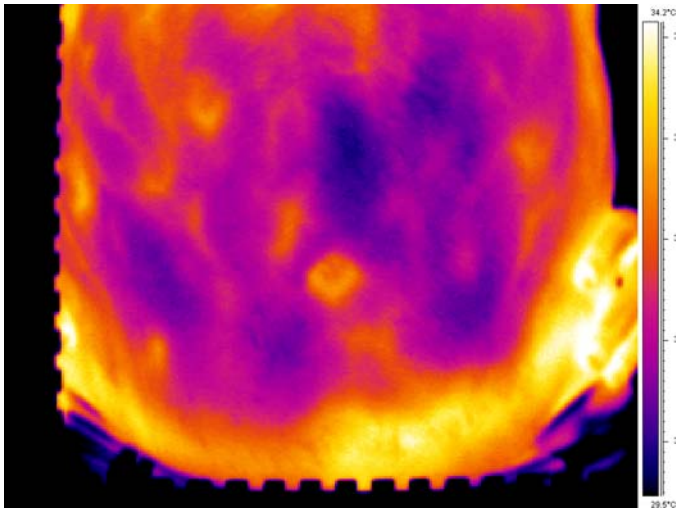
After Alcohol Swab



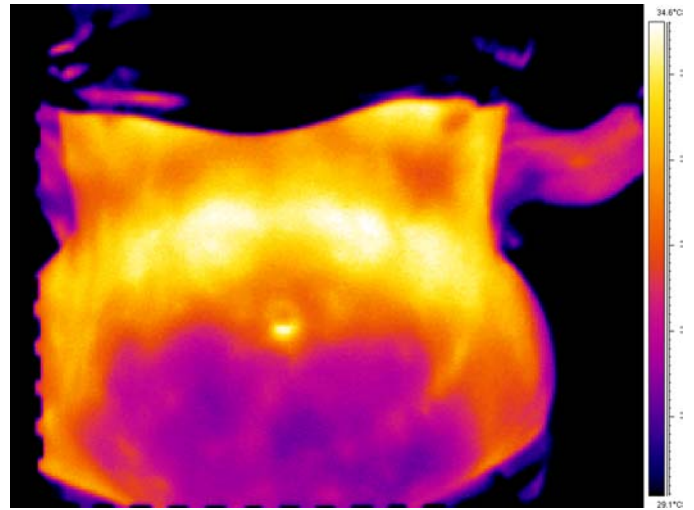
After Alcohol Swab

Participant 69
Male, Age 51, BMI 25.38

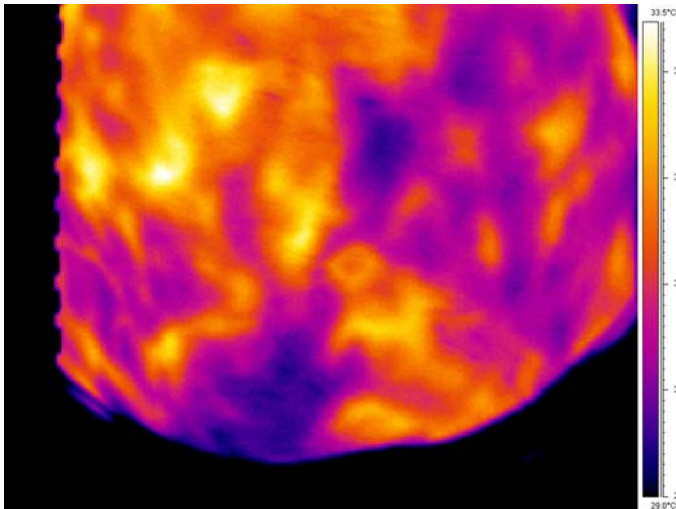
Participant 70
Female, Age 23, BMI 20.01



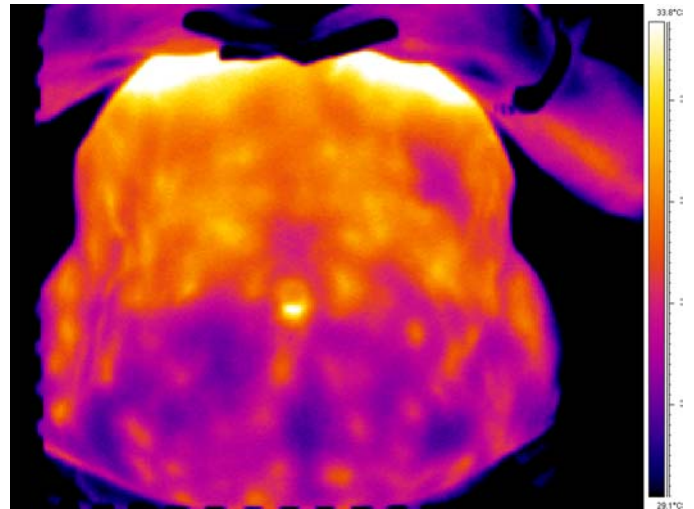
Baseline



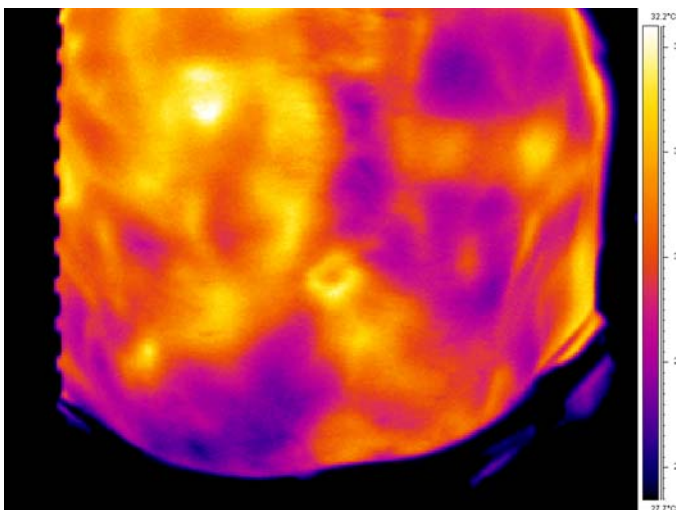
Baseline



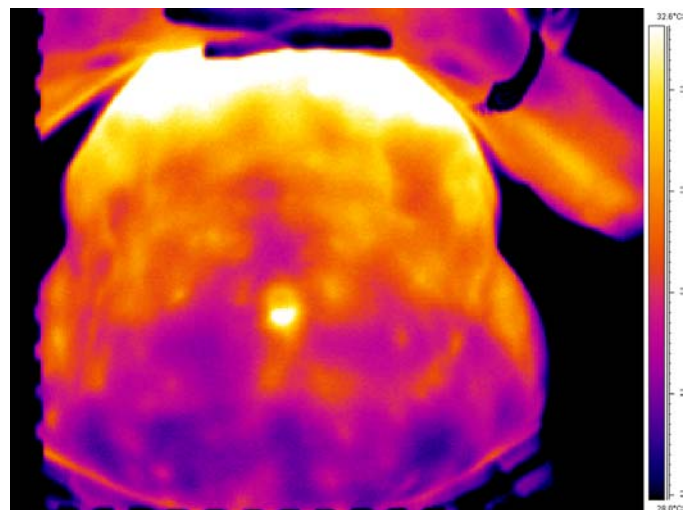
After 20 Minutes Equilibration



After 20 Minutes Equilibration



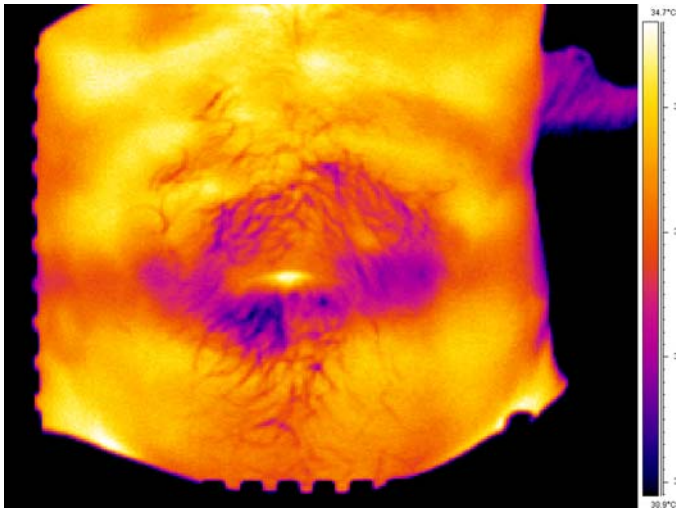
After Alcohol Swab



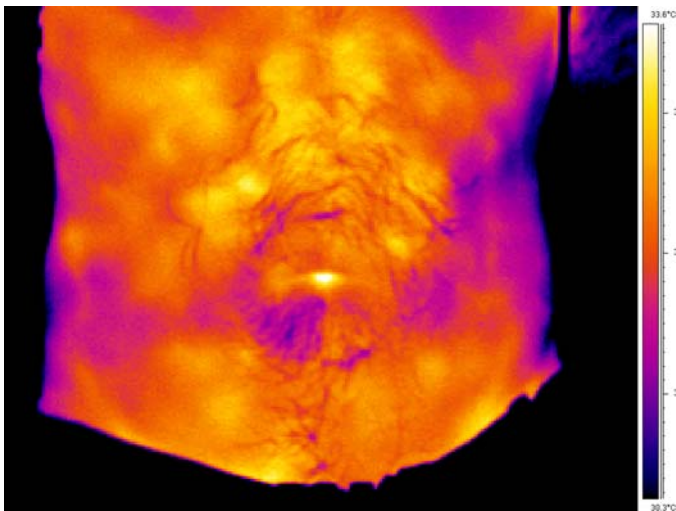
After Alcohol Swab

Participant 71
Male, Age 65, BMI 30.75

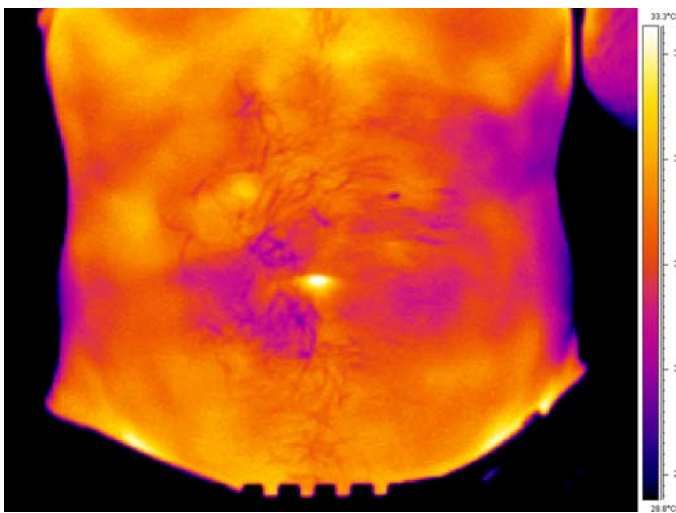
Participant 72
Female, Age 61, BMI 24.46



Baseline



After 20 Minutes Equilibration



After Alcohol Swab

Participant 73
Male, Age 64, BMI 19.81