

Standard Operating Procedure	<b>Temperature Monitoring of Metabolic Kitchen Refrigerators and Freezers</b>	CHPS SOP
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**BACKGROUND:** The Center for Human Phenomic Science (CHPS) has refrigerators and freezers that store food on each of their three patient care units 1) Perelman Center for Advanced Medicine (PCAM) 4 South, 2) Ravdin 6NE at the Hospital of the University of Pennsylvania (HUP), and 3) the Andrew Mutch building located on the Penn Presbyterian Medical Center (PPMC) campus. Additionally, CHPS has food refrigerators and freezers located in the Dulles 1 Metabolic Kitchen. All the aforementioned food refrigerators and freezers are continuously monitored via AeroScout tracking and managed by the CHPS Bionutrition Manager.

**PURPOSE:** To detail the parameters for temperature monitoring of food refrigerators and freezers at CHPS.

**SCOPE:** CHPS Metabolic Kitchen

**RESOURCES:** The Pennsylvania Code (f): [55 Pa. Code § 2600.103. Food service.](#)

**PROCEDURE:**

1. The following refrigerators and freezers are covered under this policy:
  - a. Dulles 1 Metabolic Kitchen
    - i. Single Door Traulsen Refrigerator
    - ii. Double Door Traulsen Refrigerator
    - iii. Traulsen Freezer
  - b. Ravdin 6 NE Patient Refrigerator
  - c. PCAM 4 South Patient Refrigerator
  - d. Andrew Mutch Patient Refrigerator
2. Temperature Parameters
  - a. Refrigerators are required to be less than 40F.
  - b. Freezers are required to be less than 0F.
3. Temperature Monitoring
  - a. Each piece of equipment has an Aeroscout temperature monitor installed. If the temperature is out of range for greater than 2 hours, an alert is triggered which is sent via email to the Nutrition Research Manager and the CHPS Nurse Manager.

Corrective action is documented on the UPHS Mobile View website:  
<http://uphsmobileview/asset-manager-web/>.

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