

Center for Human Phenomic Science	University of Pennsylvania Health System	CHPS SOP 11
Standard of Operating Procedure	Scale and Stadiometer Calibration	Page 1 of 4

PURPOSE: Weekly calibration of scale and stadiometer ensures accurate height and weight measurements. Some research protocols require scale and stadiometer calibration logs.

SCOPE: CHPS staff

PROCEDURE:

- 1. CHPS technicians are responsible for weekly scale and stadiometer calibrations.
- 2. A Scale-Tronix® Portable Scale is used for weight measurement. Weekly calibration includes pressing the ZERO button to reset the scale to zero. Documented results are kept in designated folder in medication room.
- 3. A Detecto® Wall-Mount Digital Height Rod is used for height measurements. Weekly calibration consists of reading the digital display when the height rod is placed in starting position; the digital result should display 110.0 cm. Documented results are kept in designated folder in medication room. This applies to the PCAM unit only. Other units have stadiometers attached to the scales.



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Weekly Equipment Accuracy Check List for Scale-Tronix® Portable Scale. Calibration includes pressing the ZERO button to reset the scale to zero.

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Weekly Equipment Accuracy Check List for A Detecto® Wall-Mount Digital Height Rod.

Weekly calibration consists of reading the digital display when the height rod is placed in starting position; the digital result should display 110.0 cm.

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Supersedes: Scale and Stadiometer Calibration 11/2017

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