

Division of Nuclear Medicine Procedure / Protocol University Hospital

QC: ELECTRONIC BALANCE (CLIA-88)
UPDATED: MARCH 2021

CPT CODE: N/A

To ensure proper function of the electronic balance, the automatic calibration will be done yearly and after any change in location. The weight check will be performed before each use.

Auto Calibration:

To obtain accurate results, the balance must be left switched on for 60 minutes to reach operating temperature before starting the adjustment procedure. Before beginning, ensure that the balance is level by checking the level glass on the back right of the balance. If it is not balanced, do so using the leveling feet.

- Have required adjusting weight ready (50 gram).
- Unload weighing pan.
- Press and hold the **Cal** key until “CAL” appears in the display. Release key.

The required adjustment weight value flashes in the display.

- Place adjustment weight in center of pan. The balance adjusts itself automatically.
- When “0.00 g” flashes, remove adjustment weight.

The adjusting is finished when the message “CAL done” appears briefly in the display, followed by “0.00 g”. The balance is again in weighing mode and ready for operation.

Weight Check:

Place 1 g weight on balance and record the result on the worksheet along with check of calibration.

*Tolerance 1gm ± .001 gm

Cleaning Schedule:

1. Balance will be cleaned when appropriate with a soft, damp cloth.

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