STAND BURN-DEVICE: PROTOCOL OF USE

Goal: Creating consistent burns

Steps of weight calibration for  **burning human skin grafted onto mice:**

BEFORE turning on heating element/plugging in soldering iron

1. Place mouse or skin specimen on scale. Tare scale.
2. Slowly lower the unweighted heating element to the specimen by first holding down the back washer holder and then removing the slide stop.
3. Add washers to the back washer holder until desired unweighting is achieved.
4. Remove heating element from specimen by pushing down the back washer holder and engaging the slide stop.

TURN ON heating element and adjust temp

1. Wait several minutes for heating element to reach a steady temperature
2. Once again, slowly lower the now weighted heating element to the specimen by first holding down the back washer holder and then removing the slide stop.
3. Remove after the desired burn-time by pushing down the back washer holder and engaging the slide stop.

Possibility:

\*\*\*Check consistency of scale readout: Lift the back washer holder up, compressing the specimen, and slowly bring back down to make the wire taught → scale should show a close number to the first reading