Output Measurement – Elekta for 6, 10, and 18 MV Beams

1. In the linac software, go to Service Mode.
   1. If you are currently in Clinical Mode, click **Exit**.
   2. Click the Service Mode icon.
   3. Enter *service* as both username and password.
2. Prepare to shoot a field.
   1. Click **Service Functions**.
   2. Click **Deliver Quick Beam**.
   3. Select the desired MLC field size (e.g., 10×10).
   4. Select the appropriate modality (**XRAY** or **electrons**).
   5. Select the energy.
   6. Set the MU.
   7. Click **Load**.
   8. Click **Confirm**.
3. Shoot the field.
   1. Ensure that all three bars in the bottom left corner of the screen are green.
   2. Press the green MV button on the console.
4. Record the charge and wrap up.
   1. Record the charge from the electrometer. A typical reading is ~20 nC/Gy for a 0.6 cc Farmer chamber.
   2. Wait for both voltage measurements on the electrometer to read 0V.
   3. Turn off the electrometer.
   4. Unplug the electrometer.

\*The Clinical Mode username and password are both *super*. You must also click *Receive external prescription* to enter Clinical Mode.