1. Hold the Tono-Pen® with the transducer end pointed straight down toward the floor.
2. Press and hold the button for 5 seconds. The instrument will “beep” 5 times and the LCD will display **dn**.
3. Hold the Tono-Pen steady for 5 seconds until the device “beeps” and the LCD displays **UP**.
4. Quickly and smoothly flip the Tono-Pen up, so the transducer is pointing straight up.
5. A properly functioning Tono-Pen will display **Pass** and the device will “beep”. Press the operating button again to ready the pen for a measurement.
6. If **Fail** is displayed, repeat this verification procedure.

**Ocu-Film + Instructions**

Proper set up of the Ocu-Film® + tip cover is essential for the precision and accuracy of the tonometry measurement. A new Ocu-Film + tip cover must be used for each new patient. Be certain that the film is flat across the tip, but not too taut or too loose.

**Position the Ocu-Film + applicator on the transducer.**

**Roll the Ocu-Film + tip cover onto the tip.**

**Remove the applicator.**

**Taking an IOP Measurement**

To take a measurement, press the button once. [88888] will briefly be displayed, followed by a double row of dashes [====], indicating the Tono-Pen is ready to measure. The corneal surface needs only to be momentarily contacted. **Indentation or excessive pressure is not required and may lead to injury to the eye.**

**CORRECT**

**INCORRECT**

**Verification Procedure**

Verification must be successfully performed:
- When battery has been replaced
- Whenever the measurements are in question

Verification can be performed with or without an Ocu-Film + tip cover installed.

**Note:** The first thing to be displayed on the LCD screen during verification mode is [dn] for down.
Troubleshooting

Tono-Pen AVIA Does Not Taking A Reading
- Tip may be dirty. Perform the cleaning procedure. If problem persists, send the pen in for service.
- Ocu-Film + may be installed incorrectly. Refer to Ocu-Film + Instructions on reverse.
- Use blue Reichert brand Ocu-Film + ONLY. Use of other brand tip cover may affect readings or may void your warranty.
- If the above does not resolve the issue, STOP and send the unit in for repair.

Tono-Pen AVIA Displays [FAIL]
- Unit may be in verification mode. Perform the verification procedure.
- Verification procedure incorrectly performed. Pen is flipped up when [dn] is displayed. Perform the verification procedure.
- Tip may be dirty. Perform the cleaning procedure. If problem persists, send the pen in for service.

Tono-Pen AVIA Turns Off
- Unit is going into power saving mode. If no measurements are taken within 15 seconds, the Tono-Pen will go into battery saving mode. Turn it on by pressing the button once.
- Battery may be low. Replace the battery, then perform the verification procedure.

Tono-Pen AVIA [FAIL]s Verification
- Tip may be dirty. Perform the cleaning procedure. If problem persists, send the pen in for service.
- Pen is being flipped up too slowly. The pen should be turned up quickly and smoothly when [UP] appears.

Cleaning Procedure
1. Remove the Ocu-Film + tip cover.
2. Hold the tip of the Tono-Pen against the nozzle of a can of compressed air.
3. Blow air into the tip for approximately 3 seconds. Do not perform more than 3 times consecutively.
4. The tip will be cold; allow the tip to warm to room temperature.
5. Perform the verification procedure after cleaning.

Cleaning Tip

Cleaning Schedule

<table>
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<th>Number of Patients per Week</th>
<th>Number of Days Between Cleaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
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</tr>
<tr>
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</tr>
</tbody>
</table>

Tono-Pen Service
- Go to ww.reichert.com/rma
- Fill out the RMA request form.
- An RMA will be sent to you via email.
- Send in your instrument, inside the protective carrying case, with a copy of the RMA.