

diaton[®]

TONOMETER

Measuring of Intraocular Pressure Through the Eyelid

QUICK START GUIDE

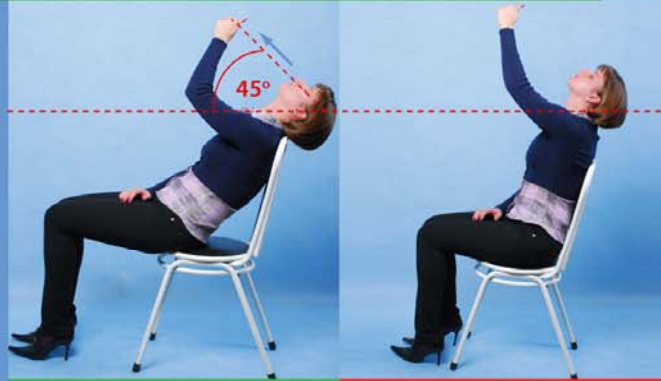
Helpful Tips and Pointers



ATTENTION:
Incorrect tonometer use will provide poor results!

Patient's head must be in a horizontal position. Patient's thumb can be used as a pointer and the glance should be fixed at a 45 degree angle.

STEP 1



Correct.

Wrong!

STEP 2

Take the tonometer correctly and switch it on.



Operation button

Correct.

Wrong!

Fix the floater in start position.

STEP 3



The tonometer is not ready for use.

The tonometer is ready for use.

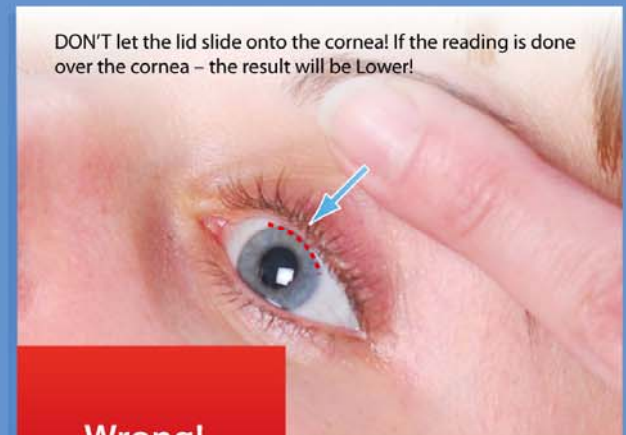
Pull on the lid with your index finger to make sure the edge of the lid coincides with the limbus (about 1 mm above the cornea). Maintain this eyelid position during the measurement.

STEP 4



Correct.

DON'T let the lid slide onto the cornea! If the reading is done over the cornea – the result will be Lower!



Wrong!

The edge of the lid is much higher than the limbus (more than 1 mm)



The tip of the tonometer must be placed over the tarsus (right behind eyelashes). Rest the edge of your palm on the patient's forehead for support and stability.

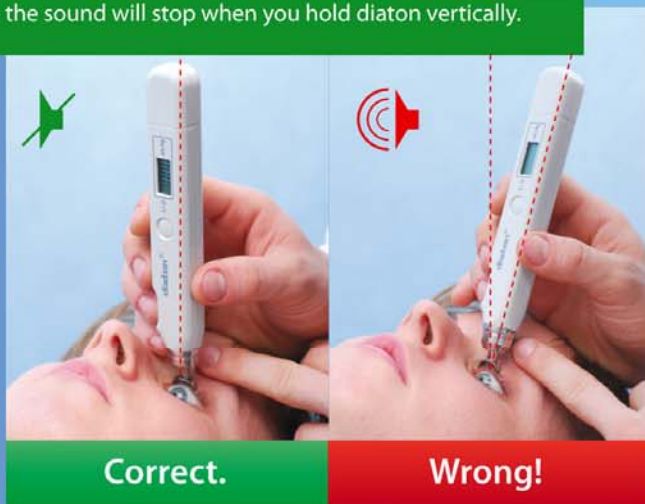
STEP 5

The tip needs to be placed right over the tarsal plate and very close to the eyelashes.



Tonometer needs to be vertical to the lid – the sound will stop when you hold diaton vertically.

STEP 6



The number of the measurements can be from 2 to 6.

STEP 8



Gently, lower the tonometer down (do not press on the eyeball), until short beeping. Then tilt the Tonometer back to get the floater inside. Do not release or change position of the eyelid.

STEP 7



When the tonometer will give a long sound press the Operation button shortly - You can see the average IOP value.

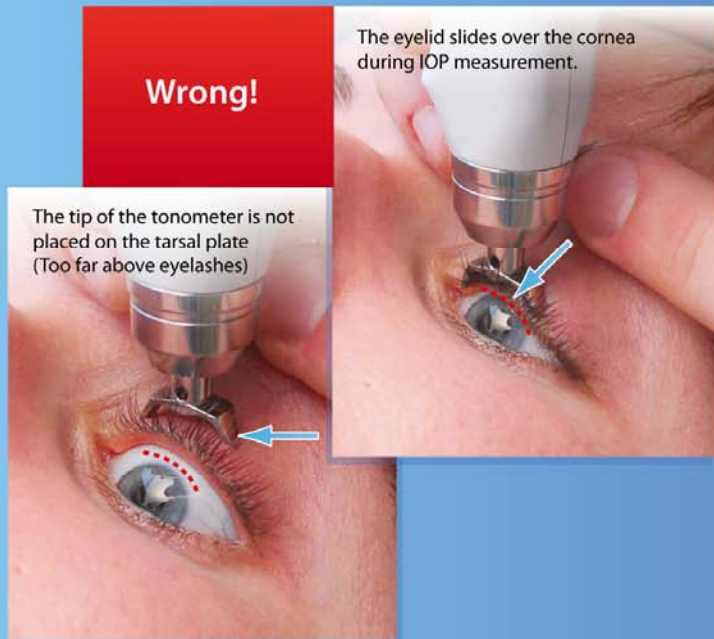
STEP 9



Wrong!

The eyelid slides over the cornea during IOP measurement.

The tip of the tonometer is not placed on the tarsal plate (Too far above eyelashes)



Take the 2-nd measurement on the same place the way it was done during the 1st measurement, then the 3-rd measurement, after long beep press the Operation button.

During the series of measurements the serial number of the measurement appears on the display. (-1, -2, -3,...)

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