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Intraocular Pressure Measurements

Intraocular pressure (IOP) is the fluid pressure inside the eye. Tonometry is the method eye care professionals use to determine this. IOP is an important aspect in the evaluation of a patient's eye. Intraocular pressure is carefully regulated, and disturbances are often implicated in the development of pathologies such as **glaucoma**, uveitis, and retinal detachment.

NCT: The **Non Contact Tonometer**, casually referred to as the air puff machine, is a device that measures intraocular pressure. In simpler terms, the air puff measures the pressure of the fluid inside your eye

Icare: The **Icare® Tonometer** is painless and requires no drops or anesthetic. With its very light touch to the cornea, it measures in only a fraction of a second. The measurement is barely noticeable by the patient. This technology is based on a proven accurate measuring principle, in which a very light probe is used to make momentary and gentle contact with the cornea. This device makes measuring intraocular pressure a more pleasant experience.

Glaucoma

Glaucoma is a disease that damages your eye's optic nerve. It usually happens when fluid builds up in the front part of your eye. That extra fluid increases the pressure in your eye, damaging the optic nerve.

Glaucoma is a leading cause of blindness for people over 60 years old. But blindness from glaucoma can often be prevented with early treatment.

<https://www.aao.org/eye-health/diseases/what-is-glaucoma>

Date: _____

Despite my Optometrists recommendation, I _____ refuse to consent to IOP measurements. I understand the possible implications of refusal to the doctor's recommendation to have my intraocular pressure measured today by NCT or ICARE.

Signed: _____

(Patient / Person authorized to sign)