How does the technology behind *Eyecode* measurements work?

**PATIENT BENEFIT = Eyecode provides effortless vision.**

Varilux lenses with *Eyecode* maximizes the performance of the design for each patient based on the unique position of their eyes, through the measurement of the eye rotation center (ERC).

**How does *Eyecode* work?**

![Diagram showing Eye Rotation Center, Patient’s Frame Data, and Natural Head Position]

The Visioffice’ System precisely measures the position of the eyes at different reference points. *Eyecode* uses those measurements to calculate a unique lens design for the individual patient:

1. **Eye position:** This is determined by the pupillary distance (PD), fitting height (FH), and the proprietary measurement of the center of the eye (ERC).
2. **The frame fit:** This is determined by the pantoscopic tilt and frame wrap. The vertex is not needed because the ERC can be directly measured by the Visioffice System.
3. **Natural head position:** This is determined by the position of the head, which defines where the patient looks through their lenses.

*Eyecode* technology is available with the following lens designs:

- Varilux® X 4D
- Varilux® Physio® W3+ Eyecode™
- Varilux Comfort® W2+ Eyecode™

**Patented Technology: US Patent #8,360,580**

*Eyecode* measurements are only taken by the Visioffice System.
How does the technology behind Varilux® Fit measurements work?

**PATIENT BENEFIT =** Assures outstanding visual performance regardless of how the frame fits.

Varilux Fit technology maximizes the performance of the lens design by customizing it to the position of the lens.

**Did you know?**

More than 90% of patients do not fit the default measurements for Pantoscopic Tilt, Wrap Angle, and Vertex Distance.*

How does Varilux® Fit technology work?

The personalization process of Varilux Fit is based on three individual wearing parameters:

- **Pantoscopic Tilt**
- **Wrap Angle**
- **Vertex Distance**

Varilux Fit takes into account the position of the lens in the frame. Accurate measurements assure outstanding visual performance for each patient.

Varilux Fit is available with the following lens designs:
- Varilux® X Fit
- Varilux® Physio® W3+ Fit
- Varilux Comfort® W2+ Fit