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## SHORT COMMUNICATION ALL ABOUT PERIMETRY- EASY TO UNDERSTAND

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**Abstract:** *This paper describes about perimetry and its types.*

**Keywords:** *Kinetic perimetry, static perimetry, super threshold perimetry, threshold perimetry*

## **INTRODUCTION**

Perimetry is a procedure by which visual field is measured. Before, going into details about perimetry one must understand about ISOPTER. The meaning of ISOPTER is the “Size and Luminous” of the target. The intensity of the luminous is changed with 0.1 log unit step and this target is also be moveable.

### **Types of perimetry**

Kinetic perimetry

Static perimetry

Super threshold perimetry

Threshold perimetry

### **Kinetic perimetry**

The meaning of Kinetic is moveable. So here, Luminance target will be moveable. In this type of Perimetry, 2 dimensional target is present. During this procedure, patient is instructed to look straight and this two dimensional target is coming from non seeing area to the seeing area slowly. Patient is asked to assess the luminous target. Eg. Goldman Perimeter

### **Static perimetry**

The meaning of the Static is non moveable. It means here, luminous target is non moveable. In this type, 3 dimensional target is used. The intensity of the Luminous is variable. These changes are followed as 0.1 Log unit steps. Eg. OCTOPUS and Humphrey Perimeter

### **Super threshold perimetry**

The meaning of Threshold is Borderline. This perimeter is used for screening purpose. Whatever the intensity of the Luminance is required here, it is present as just above the range.

### **Threshold perimetry**

Here, threshold amount of Luminance is present at different location. Eg. Humphrey Perimeter

In case of Humphrey Perimeter, at first intensity is increased upto 4dB then consequently, it is decreased as a 0.1 log unit till Threshold is not crossed.

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