The advanced way to quantitate metamorphopsia

M-CHARTSTM

KDM-3

The dot tells you a lot.

In patients with metamorphopsia, a straight line projected onto the retina is recognized as an irregular or curved line. When a dotted line is used and the dot interval changes from fine to coarse, metamorphopsia decreases and finally disappears. Based on this phenomenon, M-CHARTS™ are developed to quantitatively assess metamorphopsia easily and quickly.

For patients with metamorphopsia associated with:

Epiretinal membrane
Macular hole
AMD
etc.

Case example

Combination with Amsler chart

Before surgery

After surgery

M-CHARTS™ include a straight line and 19 kinds of dotted lines with dot intervals range from 0.2° to 2.0° of visual angle. The length of the lines, the dot size of the dotted lines, and the size of the fixation point are 20°, 0.1°, and 0.3° of visual angle, respectively. Type I has one line that passes through the fixation point and Type II has two lines which are 1° apart from the fixation point on each side. Type III is designed for patients with central scotoma. For patients with low vision, M-CHARTS™ with a dot size of 0.5° visual angle are available.

*Designs and specifications are subject to change.
*Illustrations do not depict the actual status of the diseases,