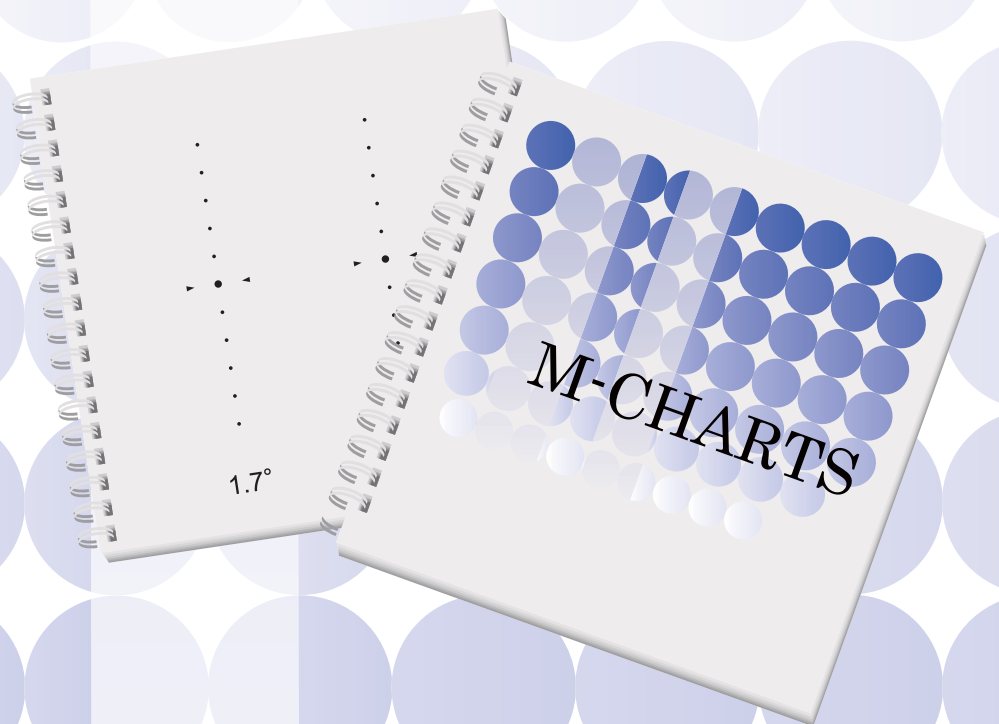


The advanced way to
quantitate metamorphopsia

M-CHARTS™

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.

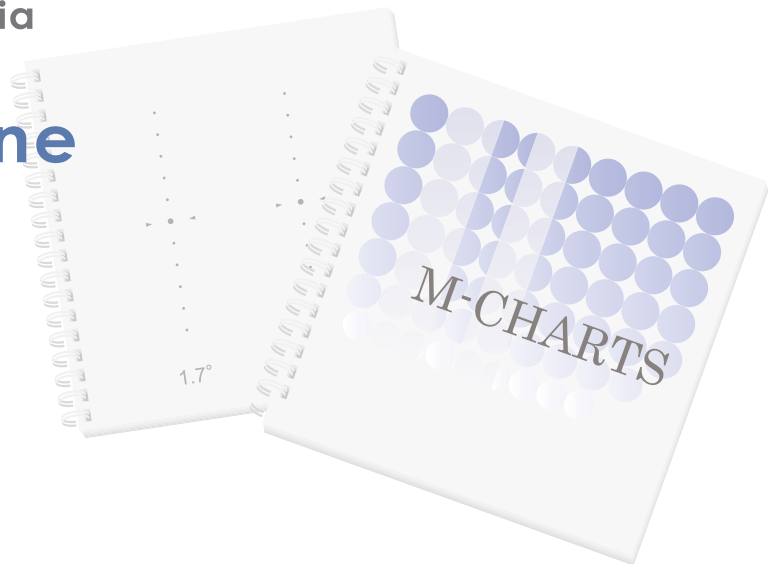
For patients with metamorphopsia associated with:

Epiretinal membrane

Macular hole

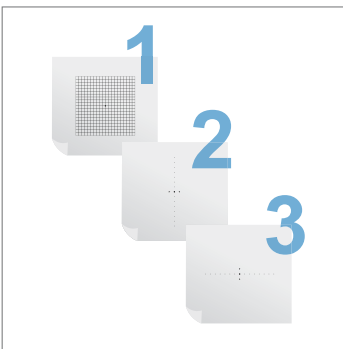
AMD

etc.

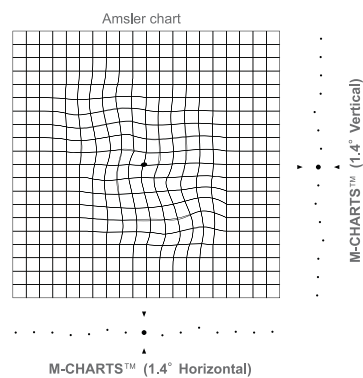


■ Case example

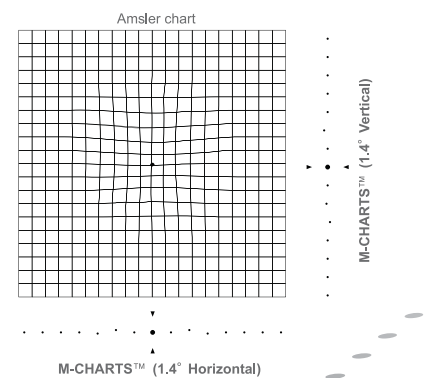
Combination with Amsler chart



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 II 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.