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# Mikroperymetria w diagnostyce jaskry

## Microperimetry in the Management of Glaucoma

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### Summary:

Glaucoma is a degenerative optic neuropathy leading to characteristic optic nerve head features, alternations in retinal nerve fiber layer thicknesses and visual field defects. Decrease of retinal sensitivity in the macular area is considered an important sign of glaucomatous damage. Accurate assessment of the function of the retina in macular region is possible thanks to microperimetry. Simultaneously, it is possible to evaluate the fixation behavior using the eye-tracking feature independent of eye movement and to correct gaze movements. To date, small number of studies have reported alternations in fixation stability in glaucoma eyes. The microperimetry test is reliable and reproducible. Microperimetry allowing for the assessment of changes in the central part of the field of view, both in qualitative and quantitative terms. Comparative studies on microperimetry and standard automated perimetry have shown that there is a good quantitative correlation between the two devices in glaucoma. The usefulness of microperimetry in the management of glaucoma is currently the subject of research. The aim of this article is to review of clinical utility of microperimetry in patients of glaucoma.

### Key words:

microperimetry (MP), glaucoma, fixation stability, retinal sensitivity.

### Słowa kluczowe:

mikroperymetria, jaskra, fiksacja, czułość siatkówki.