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# Central visual function and measures of inner retinal structure in primary open angle glaucoma

**Key words:** Isolated-check visual evoked potentials, Primary open angle glaucoma, Optical coherence tomography, Standard automated perimetry, Correlation

# *Research Summary*

**This study mainly focused on the central visula function and structure in POAG, and analyze the correlations between them**



# ***Innovation points***

**A series of comprehensive tables were generated to summarize the latest knowledge about central visual function and structure in POAG.**

**Table 1 | The values of central visual structure and function among POAG groups**

**Table 2 | Correlations between SNR values at different DOMs and sectoral IRT/mMS measures.**

**Table 3 | Correlations [r (p value)] between sectorial mMS and OCT measures for each group.**

**Table 4 | Prediction of SNR/mMS from GCL+IPLT/pRNFLT by three polynomial relations (regression curve estimation).**

# ***Conclusions***

- In early glaucoma, both SNR and mMS were related moderately and significantly to IRT (inner retinal thickness), whereas in AG, mMS was more strongly correlated with IRT than SNR.