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# **Diagnostic value of optic disc retinal nerve fiber layer thickness for diabetic peripheral neuropathy**

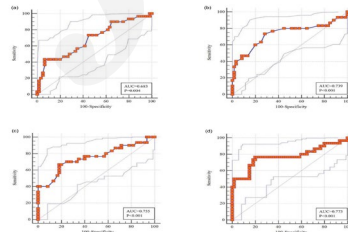
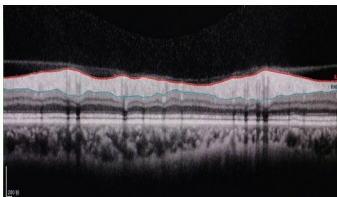
**Key words:** Type 2 diabetes, Peripheral neuropathy, Retinal nerve fiber layer thickness, Optical coherence tomography, Diagnosis

# Research Summary

This study explored the use of OCT technology, a routine clinical method for diabetic fundus screening, as a means of screening and diagnosing DPN, to improve the efficiency of clinical DPN screening



- The RNFL thickness of optic disc is thinner in DPN
- The RNFL thickness of optic disc has good diagnostic efficiency for DPN



# ***Innovation points***

**Measuring optic disc RNFL thickness during fundus examinations is an objective, feasible and economical method for screening of DPN .**

**Table 1 | The clinical characteristics of the subjects in the NDPN, DPN, and normal group.**

**Table 2 | Comparison of RNFL thickness of the optic disc in the NDPN, DPN, and normal group.**

**Figure 2 | The ROC curve of DPN diagnosed by RNFL thickness of the optic disc**

**Table 3 | Comparison of the overall average, superior quadrant and inferior quadrant RNFL thickness and the combined index of the superior and inferior quadrant RNFL thickness in the diagnosis of DPN**