

KEY WORDS

OPTIC NEURITIS

OCT-OPTICAL COHERENCE TOMOGRAPHY

RETINAL NERVE FIBRE LAYER THICKNESS

CORRELATION WITH VISUAL OUTCOME

ABSTRACT

Study on correlation of retinal nerve fibre layer thickness in OCT with visual outcome in optic neuritis.

Aim:

To correlate visual outcome in patients with optic neuritis in relation to changes in the form of RNFL thinning in OCT.

Sample size:

25 patients.

Place of study:

Regional institute of ophthalmology, Government ophthalmic hospital, Chennai.

Duration of study:

One year.

Methodology:

Patients reporting with Optic neuritis to the RIO-GOH were registered, evaluated with SD OCT-SLO and other parameters and managed primarily with ONTT regimen and followed up during the study period of one year.

Conclusion:

There was thinning of RNFL(Retinal nerve fibre layer thickness) in all patients after an attack of optic neuritis and more thinning of RNFL was noted in patients who developed optic atrophy and in patients who gained less vision after treatment.