



Arteritic Anterior Ischemic Optic Neuropathy (AAION)- A case report

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ABSTRACT:

Purpose: The incidences of arteritic anterior ischemic optic neuropathy (AAION) associated with uncertain etiology and evaluate the clinical features of AAION in North India patients.

Methods: Pt complain persistent field defect or scotoma involving superior half in RE for last 4 months, with no other associated symptoms at present. A 68-year-old farmer was admitted in our eye hospital with complaint of persistent field defect or scotoma involving superior half in RE for last 4 months, with no other associated symptoms at present. The eye examination was inconclusive and the patient presented the next day in our clinic. General symptoms were absent at admission. The patient had no relevant family history or ophthalmological afflictions, fever, chill and rigor, neck stiffness, head/ocular trauma and previous any ocular surgery but he declared a history of anxiety, depression and increased arterial blood pressure. The ESR, CRP, CBC, Lipid profile, and MRI were investigated and Ocular Examination, Fundus diagram was performed.

Results:

At presentation, his best-corrected visual acuity was 6/9 for the right eye with Gross loss of superior field and 6/ 6 for the left eye with normal. Straight looking forward with B/L prominent vessels noted temporal side of head Normal facial symmetry. Fundus diagram shows the clear media, normal size and irregular shape of disc, 360 degree blurred, edema, obliteration of cup. Last visit I was evaluated there was persistent defect on 30-2 and predominantly superior field defect on 10-2 in right eye.

Conclusion: On the basis of history and clinical examination my provisional diagnosis is A-AION.

Keywords: Papillary Edema, Optic Disc Edema, Non-Arteritic Ischemic Optic Neuropathy (NA-AION), Visual Field, Optic Nerve Atrophy, Optic Nerve Inflammation

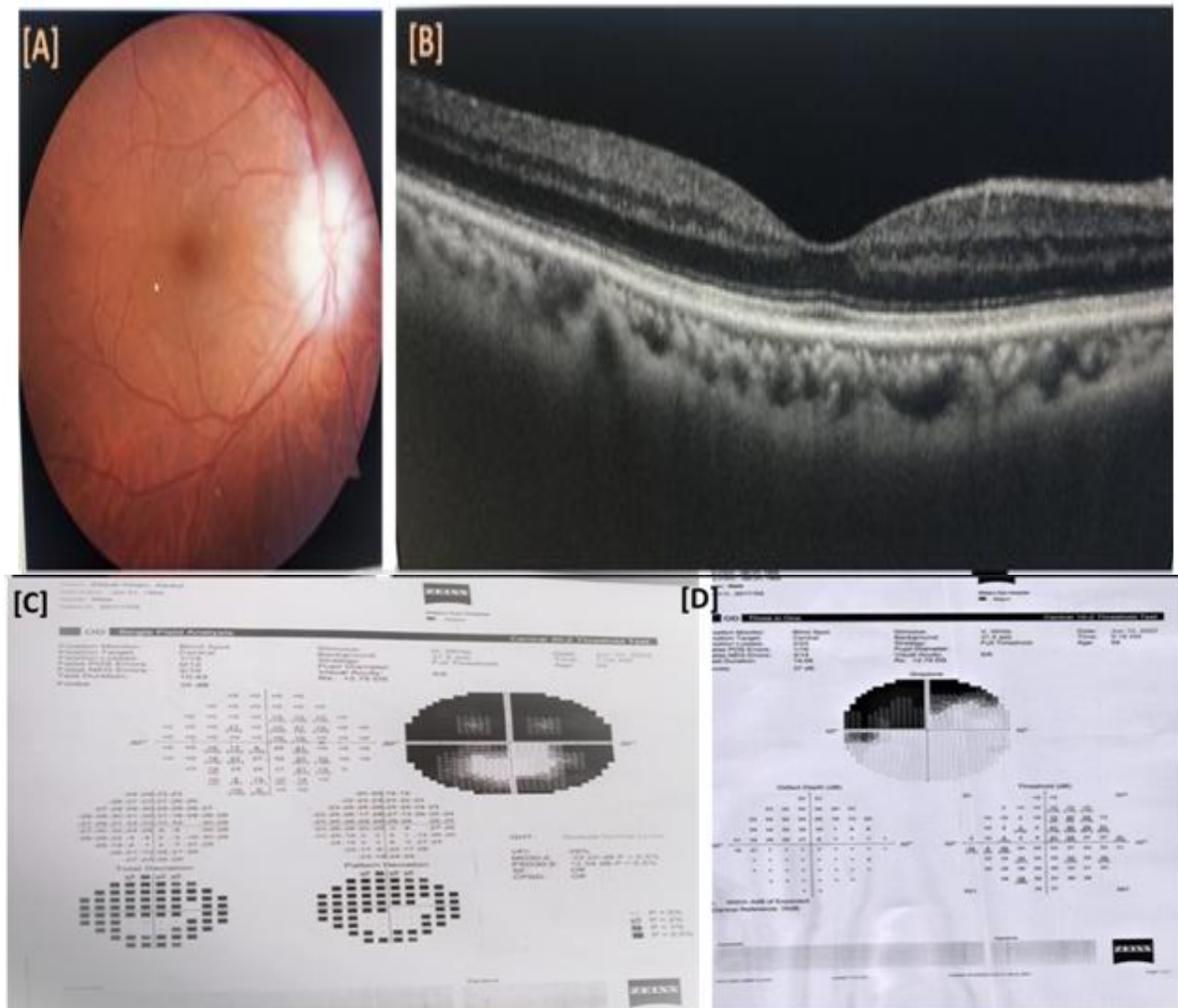


Fig. 1: [A] Color and red free fundus photography of the right eye [B].....
[C] and [D] Threshold values maps and grayscale maps from Humphrey visual field of both eyes



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