

Abstract 20

A CURIOUS CASE OF FEVER AND EYE- CASE PRESENTATION

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Introduction:

Post fever retinitis caused by typhoid fever is an infectious retinitis caused by bacterial agents such as Salmonella Typhi A. This occurs the third week after the onset of typhoid fever known as the "week of complications"

Materials and methods:

In this case presentation we describe the ocular and retinal findings of a 24 year male patient who complained of diminution of vision (left eye more than right) for 15 days. Fundus examination revealed cotton wool spot like retinitis lesions in peripapillary area with hemorrhages , macular fan and edema. OCT revealed thickening of inner retina layers. There was massive intra and sub retinal edema with hyper reflective dots suggestive of inflammatory etiology.

He was treated with Systemic steroids followed by anti vegf injections to treat macular edema

Results:

Patient improved by the above treatment

Vision in RE improved to 6/12 from 6/18

Vision in LE improved to 6/18 from CF 2 m

Conclusions:

Thus timely diagnosis of post fever retinitis can salvage useful vision with systemic steroids and anti Vegf agents.

Sources:

Post fever retinitis-Newer concepts

Padmamalini Mahendradas et al Indian Journal of Ophthalmology 2020