

PRESENTING A CASE STUDY ON POSTERIOR UVEITIS

Clinical Research

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ABSTRACT

Posterior uveitis is a rare disorder causes inflammation in neighboring structures of eye might affect retina, if not treated may lead to loss of vision. In this paper we try to present a rare disorder posterior uveitis that has been diagnosed to a girl child age 13 years. I as a researcher find the case very abnormal and started observing the case very closely, travelled with the patient closely and had found some facts. In this case study, we had done research on the life style of the patient and try to draw conclusions from the lifestyle of the patient that would lead to the rare disorder posterior uveitis. I had known that girl patient had very less immunity, low hemoglobin levels and also had the habit of eating paper frequently for about 6 months' period. When we have counsel the patient parents they shared with us that their child had a habit of eating paper, low hemoglobin, no proper food, less sleeping period, spending much time with mobile in the nights. I have drawn a conclusion after investigating the patient family and given a conclusion that pica disease if not addressed closely and immediately, it may lead to blood infection, that may lead to a rare disorder posterior uveitis. I have also given suggestion to all the parents that they should take care of the habit of their child, if they had a habit of eating paper (pica) immediately consult a pediatric and take immediate measures to control it, otherwise there is every possibility to turn in to a rare disorder that is posterior uveitis.

KEYWORDS

Pica, Posterior Uveitis, Hemoglobin, Investigation, Retina, Blood Vessel, Immunity, Disorder, Fibrous Tissue

INTRODUCTION

Uveitis is a general term that refers to inflammation of the part of the eye known as the uvea. The uvea is a relatively thick, strong layer of fibrous tissue that encloses and protects the eyeball. It contains many blood vessels and can cause inflammation in neighboring structures of the eye such as the retina, vitreous, optic nerve head and retinal vessels.

Posterior uveitis, also known as choroiditis, refers to inflammation of the choroid, the back part of the uvea. Posterior uveitis may affect the retina and/or the optic nerve and may lead to permanent loss of vision. Pan uveitis refers to inflammation throughout the eye and does not refer to a specific area.

Posterior uveitis is the rare form of the disorder and is the type of uveitis most associated with loss of vision.

PROCEDURE

Procedure of the above case study involves three steps

Step 1. Identifying the patient

Step2: Diagnosing the disorder and confirming the disorder through scanning reports.

Step 3: Counseling the patient, patient parents, knowing their lifestyle and draw possible conclusions from their reports.

Step 1: Identifying the Patient

In the step 1 we have identified the patient who has got this rare disorder called posterior uveitis.

We never knew about this disorder, the patient hospitalized with few reasons which included having low vision, severe pain in the forehead region.

The pain was hitting very bad, the patient couldn't handle, there was also another symptom noticed that the patient was complaining about loss of sight, reported having low vision.

The patient was immediately shifted to expertise medical specialist (EYE) who demanded for a scanning report.

Step 2: Confirming it as Rare Disorder Posterior Uveitis.

It is here in this step, the expertise medical eye specialist confirmed as posterior uveitis as they have noticed a swelling in the blood vessel, inflammation, confirmed as the rare disorder that is posterior uveitis.

The medical expertise eye specialist prescribed steroid to control the blood infection, inflammation lead to rare disorder called posterior uveitis.

The patient details were hidden for protecting patient privacy

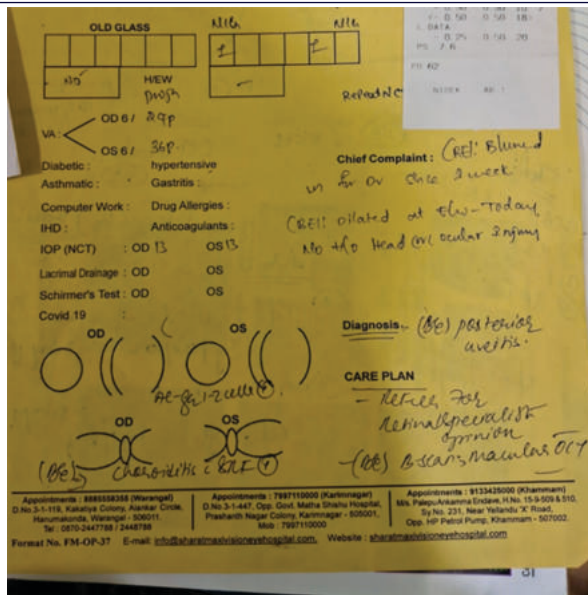


Figure 1, Confirming the Rare Disorder Posterior Uveitis.

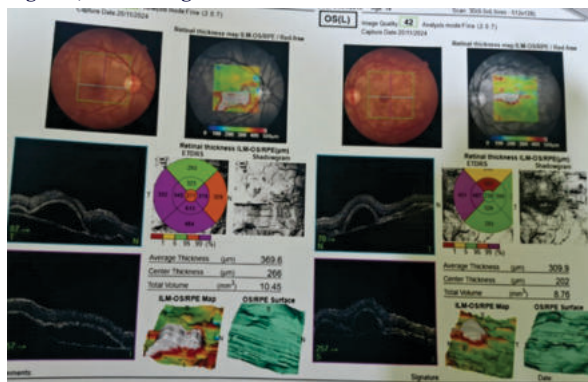


Figure 2, Is the Scanning Report Confirming the Inflammation, Swelling.

Step 3: Finding the Reason for the Rare Disorder Posterior Uveitis

It was always very unreal that a girl aged 13 years confirmed as posterior uveitis patient, as a researcher I was very much interested to know the possible reason for the rare disorder, when there was no

family history of such cases, no accidents, no shocks in the patient history. as a researcher I try to find out the possible reasons by travelling with the patient closely.

Counselling the patient parents:

When I tried to speak, spend some time with the patient, patient parents, I have come to know some facts about the lifestyle of the patient.

- 1) The patient history includes having fed with no mother milk during her growth, rather she was fed with artificial milk during her growth.
- 2) The child during her raising has a very low hemoglobin content frequently
- 3) The most important observation was noted as that the patient has a habit of chewing paper which was very abnormal, it is this habit for over a period of about 6 months lead to develop blood infection which slowly turned to inflammation in blood vessel finally ended as posterior uveitis.

CONCLUSION

The research paper drawn few important statements which include

Posterior uveitis is a rare disorder affects the vision, inflammation in the blood vessel.

This rare disorder can be occurred because of blood infection, especially in children, in girl child they have every chance to develop this infection.

I as researcher informing to the entire scientific community that chewing paper in children, especially eating paper is not at all a good habit, when noticed in the children confirms as disorder pica, when unnoticed definitely leads to blood infection that finally turns in to a rare disorder posterior uveitis.

The symptoms include severe pain, loss of sight. Which can be treated through steroid 40 mg can bring down the infection slowly.

I as a researcher wanted to share this information to the society and prevent children from this rare disorder called posterior uveitis. I always suggest parents to increase immunity in your children by giving good food, when you notice having low blood in your children find out habit of chewing, eating paper or unnecessary things. Then if you find any such rare habit immediately report to doctor and take the necessary precautions suggestions suggested by the doctors otherwise it would lead to rare disorder known to be as posterior uveitis.