

# CASE STUDY



## INDIVIDUAL DETAILS

NAME	-	Nisha Solanki
PATIENT ID	-	171248937
REGISTRATION TIME	-	12:30:27 PM
AGE	-	16 yrs
GENDER	-	Female
EDUCATION	-	Nil
RELIGION	-	Hindu
VILLAGE	-	Chokdi , Harda M.P.
ADDRESS	-	Khirkhya , District Harda
STATEMENT OF PROBLEM	-	Both Eye Developmental cataract.
TREATMENT	-	Cataract Surgery (RE)
SIBLINGS	-	Brothers (2) Sisters (4)
GUARDIAN	-	Mrs. Nadan Bai
AGE	-	70 yrs
CONTACT NO	-	+919009676660
DATE OF ADMISSION	-	21/12/17
DATE OF SURGERY	-	22/12/17
DATE OF DISCHARGE	-	23/12/17
FOLLOW UP	-	07/01/2018

# FAMILY AND SOCIAL HISTORY

The patient Nisha is 16 yrs old. She is living in undivided family. Her father has intellectual disability and not employed.. She has four sisters (three married) and 2 brothers. Her elder brother and sister are studying in class 8<sup>TH</sup> . Her younger brother is studying in class 6<sup>TH</sup>. Her niece(sister's daughter) is also living with them.

Her mother is agriculture labourer, and earn on hourly wages. Her grandmother is raising and breeding two domestic goats. As such whole family is dependent on her mother and grandmother. There is scarcity of water in the Locality. In the village there is no entertainment facility. Her family is religious. She is not demanding girl and remain happy with her family, despite many difficulties.

## ABOUT

Nisha is young girl from small town. She is very keen to study and participate in other activities like other children but due to suffering from vision diminish having cataract in both eyes she could not participate fully in the activities. She is hardworking and talented girl who take cares of her brothers, sister and one niece.

Since childhood she was facing problem called "DOV" (dimness of vision) in Both Eye. We can also say NO GLOW in general words. Her grandmother is happy with Nisha and she was the only one who took initiative to take her to the hospital. She came to Sewa Sadan Eye hospital, Bhopal M.P. at the advice of Sewa Sadan camp staff who visited in camp organized at their district Harda.

Nisha's grandmother with Nisha came to Sewa Sadan eye hospital by hospital vehicle without informing family and simply said - "Goodbye".

She was referred to paediatric clinic for checkup and pre surgery investigation. After physician fitness, her right eye surgery was successfully performed on 22/12/17 with financial support C B M. Sewa Sadan has made arrangement to send them to their place by Sewa Sadan vehicle.

## VISION TEST

Patient vision after refraction. Performed by optometrist was as follows

- PL+PR (Right Eye)
- PL+PR (Left Eye)

She gone through various tests after auto refraction. Like - "KERATOMETRY K1", "KERATOMETRY K2", "A - SCAN" AL, "POWER 1", "POWER 2", "POWER 3' etc.. The **Paediatric Ophthalmologist** play crucial role in the complete process. She was suggested for right eye cataract surgery. She was sent to ward for admission process and pre investigation.

## **PRE INVESTIGATION - DAY**

These tests were performed to know the patient's eye condition and helps in surgery. Nisha is seen lying down on a bed in the ward. Grandma was sitting beside her on the same bed. The next morning will herald a new day for Nisha. The sixteen year old girl will be taken and hopefully if everything goes fine, she will be operated for her cataract, on the following day...

## **THE DAY OF SURGERY**

On **22/12/17** morning, get the consent form signed by grandmother. Then she carries her granddaughter into the room where patients are prepared for the surgery. Later, a nurse administers some drops into Nisha's eye, and the surgery can begin shortly. Inside the operation theatre Doctor makes a small incision in the girl's right eye to remove the cataract and 'implants' an artificial intraocular lens inside (US Foldable). All the while a solution is injected into the eye, to help maintain the intraocular pressure. "The power of the lens implanted is +23.00 D".

Nadan bai (grandma) waits outside the OT. Ophthalmologist **Dr. Prerna Upadhyaya (Medical Director)** and team successfully fulfilled the surgery.

Later, Nisha was rolled back into the ward, with an eye patch covering her right eye. Grandma holds her grand daughter in her arms. They are now waiting eagerly for the eye patch removal the next morning.

## **POST INVESTIGATION - DAY**

'Morning – 8 am' after Removal of patch, the nurse administers with eye drop and simultaneously Doctor manages to do the eye examination. She was able to open her eye and the lens implanted is in place, doctor said everything is fine with a smile. She may now be prescribed for eye glasses. Finally, patient is prescribed medicines/drops to consume/instil as per days/dosage to prevent from infection. She got the approval of discharge on **23.12.17**.

Nisha was very happy she thanked Doctor and other staff too for the care and support by hospital.

## **FIRST FOLLOW UP - DAY**

On **30.12.17** under Doctor Direction and management patient goes through a checkup once again. Which shows Vision outcome as **6/60** with pin hole for right eye. A couple of days, Nisha is seen wearing a pair of cute eyeglasses. Grandmother Nadan bai and Nisha can't hold their smiles.

**Finally after 27 days on 18.01.18 Nisha was operated on Left Eye for Cataract. All the necessary tests followed same at the time of previous surgery. The surgery was performed by Dr. Kavita Gupta, Doctor implanted 24.00 D power in the eye after cataract removal. Finally patient was discharged on 19.01.18 after complete examination and approval by Ophthalmologist and was instructed to report back for Follow-ups.**

