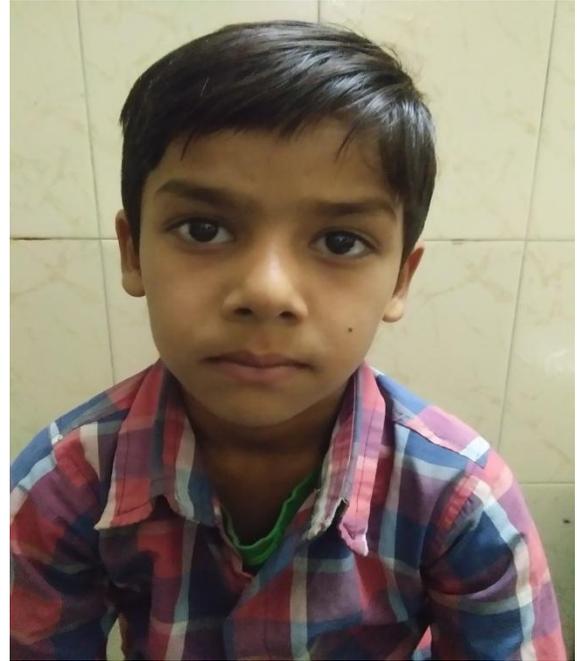


Case Study



INDIVIDUAL DETAILS

NAME	:-	Mr. Nitin Giri
PATIENT ID	:-	170831842
AGE	:-	7 yrs
GENDER	:-	Male
WEIGHT	:-	27.8 KG
EDUCATION	:-	1 st class
RELIGION	:-	Hindu
VILLAGE	:-	Budhni, Sehore District
ADDRESS	:-	Gram Tilod, Near Sayaganj Thana Budni , Sehore
STATEMENT OF PROBLEM	:-	Both Eye, Developmental cataract
REFERRING HOSPITAL	:-	Sewa Sadan Eye Hospital
TREATMENT	:-	Cataract Surgery (RE)
SIBLINGS	:-	Sisters (3)
GUARDIAN	:-	Mr. Vijay Giri (Father), 35 Years Mrs. Lalita Giri (Mother), 32 yrs
CONTACT NO	:-	+91-9617212719

FAMILY AND SOCIAL HISTORY

The patient Nitin is 7 yrs old and studying in class 1ST. He has three sisters, Shivani is in class 8Th, Swati is in 6Th class and last Samiksha is in class 3RD.

His father is agriculture labourer and earns rupee 200/- per day. His mother also supports in labour. His father was operated for developmental cataract around 25 years ago at the age of 10 years.

ABOUT

Nitin belongs to a very poor family. At the age of participation in various outdoor and indoor activities, like playing and studying he is unable to perform his daily routine work due to poor vision. His father observed that Nitin has vision problem. He sticks into wall while walking and accidentally hurts himself sometimes. Also his school teachers observed his way of holding and reading book is improper. Vijay Giri (Nitin's Father) was financially weak and is unable to get his child treated at private hospital so he took her child to Government Hospital in Sehore district. After the examination by Government Ophthalmologist he was advised & motivated them to go to Sewa Sadan Eye Hospital. On the other hand, Vijay also under gone the same surgery long time ago from the same hospital. Finally Vijay decided and approached the hospital on 21st August 2017.

Nitin was financially supported by Government Scheme for children i.e. Rashtriya Bal Swasthya Karyakarm (RBSK) which partially supports the surgery for children and remaining financial support was provided through CBM.

Paediatric cataract is one of the major causes of childhood blindness, constituting almost 10-20% of cases. A number of these cases are associated with syndromes, especially bilateral cases.

VISION TEST

After Auto Refraction.

*PL+PR (Left Eye)

*PL+PR(Right Eye)

Patient was referred to **Pediatric Ophthalmologist**. He was checked with the help of different set of vision test (Slit Lamp Examination). As result Doctor suggested both eye surgery as soon as possible. Therefore, it was decided to operate right eye first for cataract. Afterwards, he was sent to ward for admission process, pre investigation and fitness.

ADMISSION – AT SSEH (SEWA SADAN EYE HOSPITAL)

Nitin reached on 28th August 2017 at hospital. After quick registration Nitin was referred to Pediatric Department for further Treatment. He was unable to see since last 2 years, he was sent for further investigation to Optometrist and was then being examined by Ophthalmologist where he was diagnosed with Both Eye Developmental Cataract.

He was examined by the General Physician. They did various paediatric fitness tests. Initially he was examined at Slit Lamp by Ophthalmologist. "The slit lamp provides a magnified view of the eye, mostly the anterior (frontal) eye structures, and thus helps to diagnose any disease or damage to the eye". Also to ensure the child is fit to undergo surgery, the next day. "It needs to be operated without delay"- words of Doctor. His surgery was planned on **30.11.2017** for Right Eye.

Before surgery , other tests like ‘A- scan’ or ‘biometry’ test with a ‘keratometer’ – to determine the strength of the artificial, intraocular lens (IOL) that will be implanted on the child’s eye, after the cataract is removed surgically. The next morning Nitin will be subjected to surgery to get rid of his cataract, for now at least on one eye. As per hospital advised one eye will be operated at a time.

THE DAY OF SURGERY

It’s **10.25 AM , 30.11.17** morning, father was briefly explained the process of the surgery and got the consent form signed. Then he carries his son into the room where patients are prepared for the surgery. Later, a nurse administers some drops into Nitin’s eye, and the surgery can begin shortly. As Nitin is a small child so he has to undergo GA Process i.e. General Anesthesia for surgery and his surgery will be performed in presence of Anesthetist to minimize the risk. Inside the operation theatre Doctor makes a small incision in the boy’s right eye to remove the cataract and ‘implants’ an artificial intraocular lens (**power 24.0 D**) inside (US Foldable).

All the while a solution is injected into the eye, to help maintain the intraocular pressure. It was around half–an-hour procedure. Ophthalmologist **Dr. Prerna Upadhyaya (Medical Director)** and team successfully fulfilled the surgery.

Later, Nitin is rolled back into the ward, with an eye patch covering his right eye. Father Vijay holds his son in his arms with warm feeling .They are now waiting eagerly for the eye patch removal the next morning -and see the first reaction of Nitin and parents.

POST INVESTIGATION

‘Morning – 8 am’ Removal of patch, the nurse administers with eye drop and simultaneously Doctor manages to do the eye examination on Slit Lamp. He is able to open his eyes and the lens implanted is in place, glad that “everything is fine”, ‘all good’ - feedback by Doctor with warm smile. Finally, patient is prescribed medicines to consume as per days/dosage. Nitin was very happy he thanked Doctor and other staff too, for the care in the hospital.

DISCHARGE

After the final approval from the Ophthalmologist he is discharged. His parents are made aware about the precautions and medicines. They were requested to take proper care of eye and were instructed to wear black glasses till 40 days of surgery. They were told to report back on follow-ups without any delay. Hospital takes the proper responsibility and counsels the patients to report back follow-ups. There are 2 compulsory follow-ups, 1st follow-up after 7 days and 2nd Follow-up after 40 days of Surgery.

FIRST FOLLOW UP

Where ample of people are already waiting for their turn, to get their eyes checked. On **08.12.2017 (1st Follow-up) and 28.12.17(2nd Follow-up)** under Doctor direction and management patient goes through a Follow-up checkup once again for right eye and left eye respectively. Vision outcome was 6/9 with glasses for both eye. Mother Lalita and Nitin can’t hold their happiness.

On the first follow-up after thorough examination by Ophthalmologist, it was decided to operate the second eye i.e. Left eye on 20.12.2017.

Finally after 20 days on **20.12.17** Nitin 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. Prerna Updhayaya, Doctor implanted 22.0 D power in the eye after cataract removal. Finally patient was Discharged on **21.12.17** after complete examination and approval by Ophthalmologist and was instructed to report back for Follow-ups.

As per instruction by Doctors Nitin with his parents report back for follow-ups at hospital. On Follow-up, he was refracted and provided spectacles His vision was 6/12 & 6/9 with glass. Nitin and his parents were really happy as now his child is able to see from both eyes. He thanked doctor and staff for their hospitality and financial support for surgery.

