IJCRT.ORG ISSN : 2320-2882

INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

Sickle cell Anemia: an awareness campaign

Dr. Rashmi Nagwanshi
Assistant Professor English
Govt. College Junnardeo

This awareness campaign was launched to recognize the benefits of patients affected by sickle cell Anime disease, Volunteer take care of the patients and the general public were made aware of the rules set by the government for such patients.

Sickle cell disease (SCD) is a group of inherited red blood cell disorders. If you have sickles cell disease, there is a problem with your hemoglobin. Hemoglobin is a protein in red blood cells that carries oxygen throughout the body. With sickle cell Anemia disease, the hemoglobin forms into stiff rods within the red blood cells.

A group of disorders that cause red blood cells to become misshapen and break down with sickle cell disease, an inherited group of disorders, red blood cells contort into a sickle shape. The cells die early, leaving a shortage of healthy red blood cells (sickle cell anemia) and can block blood flow causing pain (sickle cell crisis) Fewer than 1 million cases per year (India). Treatment can help, but this condition can't be cured requires a medical diagnosis.

Lab tests or imaging always required. Chronic: can last for years or be lifelong. Genetic testing can help determine which type of sickle cell disease you have or can help confirm a diagnosis if results from blood tests are not clear. Genetic testing can also tell whether you have one or two copies of the sickle hemoglobin gene.

If a person and his partner both carry sickle cell, there's a: 1 in 4 chance each child they have will not have sickle cell disease or be a carrier. 1 in 2 chances each child they have will be a carrier, but will not have sickle cell disease. 1 in 4 chance each child they have will be born with sickle cell disease. It is one of group of inherited disorders known as sickle cell anemia disease it effects the shape of red blood cells which carry oxygen to all parts of the body.

Red blood cells are usually round and flexible so they move easily through blood vessels in sickle cell anemia some red blood cells are shape like sickles or crescent moon these sickle cells also become rigid and sticky which can slow or block blood flow, their no cure for most people with sickle cell anemia, treatment can relieve pain and help prevent complication associated with disease.

People may experience Symptoms usually appear around 6 months of age they worry from person to person and may change over time.

* Anemia- Red blood cells usually leave for about 120 days before they need to be replaced by sickle cells typically die in 10 to 20 days ,living a short age of red blood cells .

* Delayed growth or puberty- Red blood cells provide the body with the oxygen and nutrients needed for growth .a shortage of healthy red blood cells can slow growth in infants and children and delayed puberty in teenagers.

* Swelling of hands and feet.

* Frequent infections

* Vision problems

* Low oxygen in the body

* Sudden pain in chest

* feeling weakness

When you see or feel one sided paralysis, weakness in face arms, confusion, difficulty in walking or talking, sudden vision changes and explain numbness severe headache consulting with Doctor. If you carry the sickle cell treat seeing a genetic counselor before trying to conceive can help you understand your risk of having a child with sickle cell anemia genetic counselor can also explain possible treatments preventive measures and reproductive options.

* Infections, pain and fatigue are symptoms of sickle cell disease.

* Pain areas: in the joints

* Pain types: can be sudden in the chest

* Whole body: dizziness, fatigue, low oxygen in the body, or malaise

* Urinary: inability to make concentrated or dilute urine or blood in urine

Also common: abnormal breakdown of red blood cells, inflamed fingers or toes, pallor, shortness of breath, or yellow skin and eyes. Treatments include medication, blood transfusions and rarely a bone-marrow transplant.

NSS Volunteers efforts to bring attention to sickle cell disease by engaging elected officials for proclamations, hosting awareness events, distributing educational information to dispel the myths about sickle cell disease, and lighting public spaces, buildings and landmarks red! National services scheme girls unit Government College nardev selected 5 villages (junnardev vishala, Datla, Gorakhpur, Burrikala, Nandana) for survey and awareness program to bring attention for consulting and hosting awareness events meet people and tell them to match the blood report of bride and groom as you match there kundli. Girls unit organise blood donation camp.

Sickle Cell Anemia Workshop:- District Level National Service Scheme sickle cell anemia workshop of one day training program was organized on 19 September 2022 which was organized at Danielson College Chhindwara, In which NSS program officer Dr. Rashmi, Nagwanshi and NSS volunteer Pragya Chauhan ensured actively Participate and Co-operate.

Nukkad Natak:- Government College Junnardeo On October 5, 2022, different types of competitions were organized for the awareness of sickle cell anemia, in which everyone participated enthusiastically, in which Rangoli speech competition and nukkad natak competition were conducted. Students actively participated in it.

Match the Blood Report:- Under the direction of their program officer, a message was given to all the villagers that they should match their blood reports before marriage. If no symptoms of sickle cell anemia are found, then they can continue the relationship, but if the partner is suffering from sickle cell anemia, then they cannot do this relationship because it spreads from generation to generation. That's why a message was given to all the people for awareness that they should match their blood report along with horoscope.

Awareness of sickle cell anemia through social media: - This awareness is continuously being spread on through social media. For the information and awareness of sickle cell anemia, for awareness, we have taken the help of social media to increase the scope of its awareness, with this message we have taken the help of social media like Instagram, Facebook ,Twitter, Facebook, WhatsApp moving through the medium.

Blood Donation Camp:- Blood donation camp is going on 1st October, National Black Day, 14th June, World Blood Donor Day Extra and on 8th December 2022, 23 unit blood donated by people. By running an awareness campaign, the patients have not only benefited, but awareness has also come in the general public.

Refference:

1. Mayo Clinic Family Health Book, 5th Edition.

2. What Are the Signs and Symptoms of Sickle Cell Disease?". National Heart, Lung, and Blood Institute. 12 June 2015. Archived from the original on 9 March 2016. Retrieved 8 March 2016.

3. "What Is Sickle Cell Disease?". National Heart, Lung, and Blood Institute. 12 June 2015. Archived from the original on 6 March 2016. Retrieved 8 March 2016.