

## **Medical Camp Report: Sickle Cell Disease Awareness and Screening Camp**

**Date: 16 July 2023**

**Place: Govt. School , Atari village , Raipur**

**Introduction:** The Sickle Cell Disease Awareness and Screening Camp was organized under the The "Unnat Bharat Abhiyan" (UBA) a flagship program of the Government of India that aims to uplift rural India through participatory research, development, and innovation. Medical camp was organised by the aim of raising awareness about Sickle Cell Disease (SCD) and providing free screening services to the local community. The camp was a collaborative effort between **Rungta College of Engineering and Technology, Raipur** and **All India Institute of Medical Sciences, Raipur**, The event aimed to educate people about SCD, its symptoms, management, and the importance of early detection. Medical team was headed by **Dr. Eli Mohapatra , Chairperson Sickle Cell Committee, AIIMS, Raipur** while **Dr. Manisha Agrawal Professor & Dean , RCET , Raipur** led the program .

The event commenced with a warm welcome extended to Dr. Eli Mohapatra and her team members by giving plant sapling .Dr. Mohapatra, known for his expertise in Sickle Cell disease, and has made significant contributions to society through her work and dedicated efforts. She acknowledged villages by briefing them about Sickle Cell Disease (SCD), she said this disease is a genetic disorder that affects the structure of hemoglobin, a protein responsible for carrying oxygen in red blood cells. It is an inherited condition, meaning it is passed down from parents to their children through specific genetic mutations.

### **Objectives:**

1. To raise awareness about Sickle Cell Disease and its prevalence in the community.
2. To provide free screening services to identify individuals with Sickle Cell Trait (SCT) and Sickle Cell Disease (SCD).
3. To offer counseling and education to individuals identified with SCT or SCD and their families.
4. To promote the significance of regular health check-ups and early intervention for better management of SCD.

### **Activities:**

1. **Pre-camp Publicity:** The organizing team conducted awareness campaigns through local media, flyers, and community announcements to ensure maximum participation.
2. **Venue Set-up:** The camp was set up at Atari Village , raipur, which provided sufficient space for registration, counseling, and screening booths.
3. **Registration and Counseling:** As participants arrived, they were registered and directed to counseling booths where medical professionals and volunteers provided information about SCD, its inheritance, symptoms, and management.
4. **Screening Services:** Blood samples were collected from registered participants to screen for Sickle Cell Trait and Sickle Cell Disease.
5. **Medical Consultations:** Individuals identified with SCT or SCD received personalized consultations with healthcare providers. They were advised on measures to manage the disease effectively and to seek regular medical check-ups.
6. **Educational Sessions:** Educational sessions were conducted for both participants and their families to discuss the significance of early detection, proper nutrition, and the importance of staying hydrated.
7. **Distribution of Informational Materials:** Brochures and pamphlets containing essential information about SCD were distributed among the attendees to take home for further reference.

### **Outcomes:**

1. More than 70 individuals were screened for Sickle Cell Trait and Sickle Cell Disease.
2. Collaborative efforts between different organizations strengthened community engagement and support.

Sickle Cell Disease Awareness and Screening Camp proved to be a successful initiative in raising awareness about SCD and identifying affected individuals in the community. By promoting education, early detection, and proper management, we aim to improve the quality of life for those living with Sickle Cell Disease. We express our gratitude to all the volunteers, healthcare professionals, and supporting organizations for their dedication and contribution to the success of this medical camp.

### **Recommendations:**

1. Conduct similar medical camps regularly to ensure continuous community engagement and support.
2. Collaborate with local healthcare facilities to provide affordable and accessible treatment options for individuals diagnosed with SCD.

3. Expand awareness campaigns to reach a wider audience and ensure early detection and intervention.

## Acknowledgments:

We extend our heartfelt thanks to

1. Prof(Dr.) Nitin M Nagarkar, Director & CEO, AIIMS, Raipur
2. Dr. Eli Mohapatra , Chairperson Sick Cell Committee, AIIMS, Raipur
3. Dr.Preetam N. Wasnik Member Secretary, Sick Cell Committee, AIIMS, Raipur

All doctors, volunteers, and healthcare providers for their valuable support and contribution.

We would also like to thank

1. Dr. S. N. Pandya , Director, Vikash Group of Higher Education
2. Dr. Y. M Gupta, Director, Raipur Campus
3. Dr. D. N Dewangan, Principal , RCET, Raipur
4. Ms. Kamlesh B. Verma , Parshad, Gram Aatari

for their valuable support and contribution to the success of this medical camp.



**Rungta College of Engineering & Technology (RCET), Raipur**  
&  
**All India Institute of Medical Sciences (AIIMS), Raipur**  
Jointly Organizing  
**Sickle Cell Awareness and Screening Program**  
Under  
**UNNAT BHARAT ABHIYAN**

**Highlights**

- Sickle cell Awareness Sessions
- Blood Pressure Test,
- Sickle Cell Screening Test)

**Date -16 July 2023**  
**Time -9.00 a. m. Onwards**  
**Venue – Govt. School Atari, Raipur (C. G)**

<b>Dr. S. N. Pandya</b> , Director, Vikash Group of Higher Education	<b>Prof(Dr.) Nitin M Nagarkar</b> , Director & CEO, AIIMS, Raipur
<b>Dr. Y. M Gupta</b> , Director, Raipur Campus	<b>Dr. Eli Mohapatra</b> , Chairperson Sickle Cell Committee, AIIMS, Raipur
<b>Dr. D. N Dewangan</b> , Principal, RCET, Raipur	<b>Dr. Preetam N. Wasnik</b> , Member Secretary, Sickle Cell Committee, AIIMS, Raipur
<b>Ms. Kamlesh B. Verma</b> , Parshad, Gram Aatari	

**UBA Coordinator - Dr. Manisha Agrawal, Professor & Dean**

**Co-ordinators - Mr. Sandeep Roy, Mr. Vivek Tripathi**

## Welcoming respected dignitaries





## SCD Awareness Interactive Session by Doctors







Testing





## Thanks giving



## Lunch

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**UBA Coordinator**  
**Dr . Manisha Agrawal ,**  
**Professor & Dean (RCET, Raipur)**

**Co Coordinators**  
**1. Sandeep Roy**  
**2.Vivek Tripathi**