

## Maharashtra Arogya Mandal's

### Sickle Cell Project

#### Sickle Cell Activities -January and March 2015 Activities report

Maharashtra Arogya Mandal (MAM) conducted free Sickle Cell Health check up camp from 24<sup>th</sup> to 26<sup>th</sup> January 2015. During the Pune to Dhadgaon journey we had medical check-up and medicinal kit was given to our 4 old diagnosed sickle cell patients at Dhule, Maharashtra.

The work started with Memory Prayer on occasion of Anniversary of founder Member Late Dr. S.T.Gujar, Paediatrician Late Dr.Dhairyasheel Shirole, Late Smt Hansabai Kate (Mother of Dr.S.L.Kate- Head Sickle Cell Department). On this occasion distribution of laddo\_s was done amongst Sickle Cell Patients and Relatives.

#### January 2015 Sickle cell Camp Summary

Sr.No	Date	Place	Old	New	A+A	A+S	S+S
1	24/01/2015	Dhule	4				
2	25/01/2015	Dhadgaon	395	168	45	88	35
3	26/01/2015	Dhadgaon	288	50	9	30	11
Total Beneficiaries	905		687	218	54	118	46
(Total sickle cell Patients = 687 old + 46 New = 733)							

On Sunday **25/01/2015** **395** old diagnosed sickle cell patients attended the camp. They all were clinically examined and were given free medications and counselling.

On the same day screening of new **168** tribal individuals attended the camp their blood samples were taken and subjected to laboratory investigations.

On the basis of their laboratory reports we classify them into

- 1) Normal Status (A+A Pattern)) without sickle cell
- 2) Carrier Status (A+S Pattern)
- 3) Sufferer Status (S+S Pattern))

During the screening 35 patients were identified as sufferers who were clinically examined and provided with free medications. In remaining 133 tribal population 88 were identified as carriers and 45 as Normal i.e without sickle cell. They were provided with cards on the basis of their Sickle Cell Status. i.e. Yellow card for carrier and white card for Normal . All the individuals were provided with marriage counselling.

On Monday **26<sup>th</sup> Jan. 2015** similarly **288** old patients had been given examined and provided with medications and **50** new tribal individuals were screened for sickle cell disease. In newly screened **11** patients were diagnosed as sufferers and **30** were diagnosed as carriers and **9** individuals were diagnosed as normal i.e. without sickle cell.

All the individuals were from different tribal parts of Nandurbar, Dhule district of Maharashtra and from the neighbouring state viz. Gujarat and Madhya Pradesh mostly from low socio economic class. During this camp distribution of Sweaters, Cloths and Nutritious food supplement was done to sickle cell patients.

During this camp two patients were suffering from Acute Sickle Cell crisis who were treated during the camp.

On 28<sup>th</sup> January 2015 National conference of **Indian Society of Human Genetics** was held in Mumbai. **Dr.S.L.Kate HOD Sickle Cell Department** and **Dr.Girish Kulkarni** attended the conference where **Dr.S.L.Kate** was felicitated with Lifetime achievement Award for his basic contribution in genetics research. **Dr.Girish Kulkarni** presented a poster in this Conference.

On 26<sup>th</sup> March 2015 Maharashtra Arogya Mandal's Sumatibhai Shah Ayurved Mahavidyalaya (SSAM) and Dept. of Sickle Cell Anaemia in collaboration with Maharashtra University of Health Sciences Nasik organised a National Seminar on Sickle Cell Anaemia.

Academic and Non Academic Staff of SSAM and 285 delegates including Medical officers from National Rural Health Mission Govt of Maharashtra and paramedics from various states of India attended the conference.

This conference was inaugurated by **Dr.K.Gosh** Former Director of National Institute of Immuno-Haematology (NIIH) (ICMR) Mumbai. Dignitaries from (NIIH) (Indian Council of Medical Research) Mumbai **Dr.Roshan Colah**, **Dr.Kushnuma Italia**, **Dr. Ajit Gorakshakar** presented various topics in Sickle cell Anaemia Research. **Dr. R.Manchanda** (Director-Pathology KEM Pune), **Dr.Jyotish Patel** (Paediatrician and Director Vision Medical Foundation for Rural Health & Research (Bardoli), **Dr. Yazdi Italia**, **Dr.Sirin Patel** **Dr. Anant Bagul** **Dr.Vasudev Charan** elaborated various topics on sickle cell disease.

In this seminar publication ceremony of Books written by **Dr.S.L.Kate**, regarding Laboratory Diagnosis of Sickle Cell and other abnormal haemoglobins) and **Dr.Jyotish Patel** regarding treatment, counselling and clinical diagnosis of sickle cell in hindi was done by auspicious hands of **Dr.K.Gosh Ex-Director -NIIH) (ICMR) Mumbai**. **Dr.S.L.Kate (President of Seminar and Head Sickle Cell Anaemia Dept.)**, **Mr. Anil Gujar (Secretary MAM)** , **Dr.S.F.Patil (President-MAM)** , **Dr. Neelakshi Pradhan (Princepal SSAM)** , **Dr. Prashant Dalvi (Vice President-Seminar)** , **Dr.Girish Kulkarni (Organising Secretary-Seminar)** **Dr. Mukund P. Erande** were the dignitaries present on this occasion.

**Dr. Arun Jamkar Vice Chancellor Maharashtra University of Health Sciences Nasik -Chief patron of this seminar** was chief guest for the valedictory function. In his speech he emphasised the work on the genetics and appreciated the efforts taken by Maharashtra Arogya Mandal on work taken as a medico-social mission.

In this seminar **Mr.Manoj Pawara**, **Mr.Hari Yeola**, **Mr and Mrs Kulkarni** were felicitated by for their **commendable contribution** for Sickle cell anaemia by **Mr. Arun Gujar**.

In these seminar representatives from **Oddisa (Dr.Satyabrata Meher)** , **Maharashtra (Dr.Yogesh Prabhune. Mr.Dadaji Kothe)** , **Chhattisgarh (Dr.Pradeep Devengun)** , **Kerala (Dr.Anuj Singhal)** , **Gujarat (Dr.Bhavesh Kolcha)**, **Madhya Pradesh (Dr.Ajit Gorakshakar)** displayed poster presentations about sickle cell prevalence in their respected states.

**Dr.Pranita Joshi-Deshmukh**, **Dr.Nilesh Kulkarni**, **Dr.Vishakha Gaikwad**, **Dr. Sachinkumar S.Patil**, **Dr.Abhijit Chitnis** coordinated the sessions of seminar.

We also conducted a free sickle cell health check up camp from **28/3/2015** to **30/03/2015**. During the Pune to Dhadgaon journey we had medical check-up and medicinal kit was given to our 4 old diagnosed sickle cell patients at Dhule, Maharashtra.

### March 2015 Sickle cell Camp Summary

Sr.No	Date	Place	Old total	New total	A+A	A+S	S+S
1	28/3/2015	Dhule	4				
2	29/3/2015	Dhadgaon	417	120	34	60	26
3	30/03/2015	Dhadgaon	347	51	10	30	11
Total Beneficiaries	768+ 171 = 939		768	171	44	90	37

(Total sickle cell Patients = 768 old + 37 New = 805 )

On Sunday **29/3/2015**, 417 old diagnosed sickle cell patients were clinically examined and were given free medications. Also screening of new 120 tribal individuals was done among which 60 were diagnosed as carriers and 26 patients were identified as sufferers. Advice and counselling regarding the dietary and behavioural regime was given to both old and new patients. The carriers were provided with counselling, emphasis was given on pre/ post marital guidance. The 34 individuals were diagnosed as without sickle cell disease were also guided for this socio-medical problem.

On Monday **30/03/2015** similarly 347 old patients had been given examined and provided with medications and 51 new tribal individuals were screened for sickle cell disease. In newly screened 11 patients were diagnosed as sufferers and 30 were diagnosed as carriers and 10 individuals were diagnosed as normal i.e. without sickle cell.

During this camp distribution of Cloths and fruits was done to sickle cell patients.

We are thankful to our kind donors who donated us warm clothing's and also to volunteers who helped us to manage this task.

Thanks and Regards

Anil Gujar

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