

**Maharashtra Arogya Mandal's  
Sickle Cell Project**

**Report on - Sickle Cell Activities - May, June July 2012**

**May 2012**

Maharashtra Arogya Mandal (MAM) conducted free sickle cell health check up camp from 26<sup>th</sup> to 28<sup>th</sup> May 2012. During the Pune to Dhadgaon journey we had medicine distribution for our old diagnosed sickle cell patients at Dhule, Maharashtra.

On Sunday 27<sup>th</sup> May 2012, **159** old diagnosed sickle cell patients were clinically examined and were given free medications. Also screening of new **52** tribal individuals was done among which **22** were diagnosed as carriers and **16** patients were identified as sufferers. Advice and counseling regarding the dietary and behavioral regime was given to both old and new patients. The carriers were provided with counseling, emphasis was given on pre/ post marital guidance. The **14** individuals were diagnosed as normal which were also guided for this social problem.

All the individuals were from different tribal parts of Nandurbar district and from the neighboring state of Maharashtra viz. Gujarat and Madhya Pradesh mostly from low socio economic class.

On Monday 28<sup>th</sup> May 2012 similarly **269** old patients had been given medications and **41** new individuals were screened for sickle cell disease. Newly screened **13** patients were diagnosed as sufferers and **18** were diagnosed as carriers and **10** individuals as normal. During this camp it was observed that oral rehydration solution along with the possible treatments helps in decreasing the pain during the sickle cell crisis.

On Monday 28<sup>th</sup> May 2012 District Civil Surgeon of Nandurbar visited our Sickle Cell Community Control Centre (Sickle Cell Dawakhana) and requested our Head of Sickle Cell Department Prof. Dr.S.L.Kate to guide the Medical and Paramedical staff regarding sickle cell anaemia and its diagnosis.

On Tuesday **29<sup>th</sup>** May 2012 our sickle cell team visited Civil Hospital (District Hospital). Prof. Dr.S.L.Kate had a discussion with the team of Doctors and Laboratory technicians. He also guided them regarding the laboratory diagnosis methods.

**- Sickle Cell camp summary of MAY 2012 -**

Sr.No	Date	Place	Old patients	New Patients	A+A (Normal)	A+S (Carrier)	S+S (Sufferer)
1	26/05/2012	Dhule	1				
2	27/05/2012	Dhadgaon	159	52	14	22	16
3	28/05/2012	Dhadgaon	269	41	10	18	13
Total Individuals Benefited	522		429	93	24	40	29
(Total Patients 458 = 429 + 29 New Patients)							

**June 2012**

Reference

[http://www.unesco.org/new/en/unesco/events/all-events/?tx\\_browser\\_pi1%5BshowUid%5D=4087&cHash=1958bcc3eb](http://www.unesco.org/new/en/unesco/events/all-events/?tx_browser_pi1%5BshowUid%5D=4087&cHash=1958bcc3eb)

UNESCO celebrates 19<sup>th</sup> June as Sickle Cell Day. Sickle Cell Disease (SCD) is the most frequent genetic disease worldwide. Maharashtra Arogya Mandal's (MAM) Sickle cell Department also celebrated the World Sickle Cell Day on 19<sup>th</sup> June 2012.

On this occasion an informative lecture was given to the MAM staff members. Sickle cell Department Head Prof. Dr.S.L.Kate delivered an informative lecture on this occasion. The teachers from Sumatibhai Shah Ayurved College, Staff of Sane Guruji Arogya Kendra and MAM, Nursing Institute, Sickle Cell patients and their relatives were present on this occasion. Parents of sickle cell patients shared their experiences.

During 19<sup>th</sup> to 23<sup>rd</sup> June 2012 Maharashtra Arogya Mandal Sickle cell Department has conducted free sickle cell diagnostic camp. Many patients took the benefit of sickle cell diagnostic camp.

## July 2012

Maharashtra Arogya Mandal (MAM) conducted free sickle cell health check up camp from 28<sup>th</sup> to 30<sup>th</sup> July 2012 at Dhadgaon Dist- Nandurbar. During the journey from Pune- Dhadgaon we had medicine distribution and medical check up of our **4** old diagnosed sickle cell patients at Dhule, Maharashtra.

On Sunday 29<sup>th</sup> July 2012, **255** old diagnosed sickle cell patients were clinically examined and were given free medications.

Also screening of new **114** tribal individuals was done among which were **51** diagnosed as carriers and **37** patients were identified as sufferers.

Advice and counseling regarding the dietary and behavioral regime was given to both old and new patients.

The carriers were provided with counseling, emphasis was given on premarital guidance specifically to unmarried individuals. The **26** individuals were diagnosed as normal which were also guided for this social problem.

On Monday **30<sup>th</sup> July 2012** similarly **262** old patients had been under gone clinical examination and were provided free medications. **57** new individuals were screened for sickle cell disease. In new screened **12** patients were diagnosed as sufferers and **27** were diagnosed as carriers and **17** individuals as normal.

All the individuals were from different tribal parts of Nandurbar district and from the neighboring state of Maharashtra viz. Gujarat and Madhya Pradesh mostly from low socio economic class.

### Summary of July camp 2012

Sr.No	Date	Place	Old patients	New Patients	A+A (Normal)	A+S (Carrier)	S+S (Sufferer)
1	28/07/2012	Dhule	<b>4</b>	-	-	-	-
2	29/07/2012	Dhadgaon	<b>255</b>	<b>114</b>	<b>26</b>	<b>51</b>	<b>37</b>
3	30/07/2012	Dhadgaon	<b>262</b>	<b>57</b>	<b>17</b>	<b>27</b>	<b>12</b>
Total			<b>521</b>	<b>170</b>	<b>43</b>	<b>78</b>	<b>49</b>
Total Patients <b>570</b> = <b>521</b> + <b>49</b> New Patients)							

**Anil Gujar**  
**Secretary**