



ABSTRACT

State Health Society – Prevention of Hemoglobinopathies – Establishment of Day Care Centres for Hemophilia & Hemoglobinopathies in 5 Government Medical College Hospitals of Tamil Nadu - Equipment & Human Resources - sanctioned – Orders – Issued.

Health and Family Welfare (EAP II-1) Department

G.O(Ms) No.505

Dated :30.10.2018
Vilambi, Ippasi- 13
Thiruvalluvar Aandu 2049

Read:

1. G.O(Ms)No 337, Health & Family Welfare Department (EAP II-1) dated 22.9.2017
2. From the Mission Director, National Health Mission, Tamil Nadu Ref.No.2498 / P/SHS/16, dated 24.05.2018.

ORDER:

The Hon'ble Minister for Health and Family Welfare Department has announced on 14.6.2018 on the floor of Assembly that Eight Staff Nurses will be provided to the Hemoglobinopathy ward in the five Government Medical College Hospitals at a cost of Rs.16 lakh.

2. In Government Order first read above, Government have issued necessary orders for implementation of the program "Prevention of Hemoglobinopathies" in 30 blocks of Tamil Nadu. Through this program, unmarried adolescent children above the age of 14 are screened for sickle cell anemia/thalassemia trait in Government /Government aided schools and in Anganwadi centres.

3. The Mission Director, National Health Mission has stated that the programme has been implemented in 4 districts as a pilot project and the proportion of children with Hemoglobinopathies trait is found to be around 9 - 12%(Source : monthly reports) Estimated Prevalance of inherited bleeding disorders like Hemophilia A & B, etc., in India is 0.9 /1,00,000 population. (Source: India Journal of Medical Research). Since case detection of such inherited blood disorders is required and requirement of a comprehensive day care centre to treat children already on treatment is essential, Government of India has issued certain guidelines on the issue. Based on the guidelines and reviews by expert teams, it is decided to establish 5 Day Care centres at regional zones to benefit such children requiring frequent blood transfusions due to Thalassemia or Hemophilia and also to establish treatment centres to provide Chelation therapy for other variant hemoglobinopathies. Hemoglobinopathies & Hemophilia are transfusion dependent /clotting factor dependent diseases, resulting in stress and psychological problems not only to the child but to the whole family. Management of thalassemia, Sickle Cell Disease patients and Hemophiliac patients through a Day Care Facility is convenient, economical and provides a supportive environment friendly area for

children with a chronic illness. It helps in better compliance and efficient monitoring of patients.

DAY CARE CENTRE OBJECTIVES

- (i) Day care centre will provide transfusion facility / ward with 10 - beds, where transfusion services on daily basis will take place in shifts to accommodate more patients including night shift for working or school going patients.
- (ii) Day care centre in the DEIC /Pediatric Department will have exclusive management protocols for transfusion therapy, transfusion reactions and chelation therapy
- (iii) Trained Pediatrician/Hematologist with nursing staff for treating complications, conducting regular transfusions, monitoring of growth and development and maintenance of records, during the period of blood transfusions with low staff turnover to provide continuity of care will be made available.
- (iv) Exclusive Laboratory Diagnostic kits for conduction of regular tests (serum ferritin, viral markers) for evaluation and monitoring purposes and Provision of Drugs like oral iron chelator drugs
- (v) Day care centre will have recreational facilities to keep children engaged during transfusion / other treatment.

4. The Mission Director, National Health Mission has further stated that it has been proposed to establish Comprehensive Day care Treatment centres for Hemoglobinopathies & Hemophilias in the following 5 Government Medical College Hospitals:-

1. Institute of Child Health and Hospital for Children , Government Madras Medical College Hospital, Egmore, Chennai 8 (Nodal Centre)
2. Government Dharmapuri Medical College Hospital, Dharmapuri
3. Government Rajaji Madurai Medical College Hospital, Madurai
4. Government Theni Medical College Hospital, Theni
5. Government Mohan Kumaramangalam Medical College Hospital, Salem

These facilities will be a 6 to 10 bedded day care centre to ensure adequate management and to serve as a baseline of minimum monitoring that is needed for care of these children & to prevent frequent school absenteeism among these children.

Statistics of children affected with Hemoglobinopathies & Hemophilia in the 5 Government Medical College Hospital :

Sl. No	Name of Government Medical College Hospital	Average No of admissions requiring blood transfusions/ month	Average No of Hemophiliac admissions requiring factor transfusions/ month	Average requirement for Deferisirox 500 mg Tablet for 3 months	No of Patients registered in Hemoglobinopathies registry in Medical College Hospital
1	Institute of Child Health & Hospital for Children (Madras Medical College)	85	25	10000	200
2	Dharamapuri Medical College Hospital	20	10	3000	42
3	Madurai Medical College Hospital	45	10	5000	45
4	Theni Medical College Hospital	11	4	1650	25
5	Salem Medical College Hospital	16	20	3000	45
	TOTAL	177	69	22650	357

5. The above proposal has been included in PIP and approved in Record of Proceedings 2018 - 19 by the Government of India as follows:

Sl. No	BUDGET HEAD	RECURRING COST (in Rs)	NON RECURRING COST (in Rs)	TOTAL
1	6.1.1.9a-Equipment for 5 Day Care centre	57,96,800	67,95,000	1,25,91,800
2	8.1.7.2.d-Human resources-Staff nurse for 5 day care centre	13,44,000	-	13,44,000
3	8.1.16.1-Multi-Purpose Hospital Workers	3,60,000	-	3,60,000
	TOTAL	75,00,800	67,95,000	1,42,95,800

HUMAN RESOURCES BREAK UP :

FMR Code	Category	No.of posts	No. of months approved in principle	Cost for 1 month (in Rs.)
8.1.7.2.d	Staff nurse	8	12	1,12,000
8.1.16.1	Multi-Purpose Hospital Workers	5	12	30,000

6. The above proposal has been approved by the Executive Committee in the 35th Executive Committee meeting and the recurring Financial implication based on the average pay calculation in respect of the following post in regular time scale of pay is as detailed below:-

Name of the post	No of post	Average pay (1 post)	Total Expenditure per annum
Staff Nurse	2	40,090 Per month	9,62,160/-

7. The Mission Director, National Health Mission has therefore requested necessary orders in this regard.

8. The Government after careful examination have decided to accept the proposal of the Mission Director, National Health Mission and order as follows:-

- i. The Mission Director, State Health Society is permitted to establish 5 Day Care Hemoglobinopathy & Hemophilia centres in the following 5 Government Medical College Hospitals of the State:-
 - a) Institute of Child Health & Hospital for Children, Government Madras Medical College Hospital, Egmore, Chennai 8(Nodal Centre)
 - b) Government Dharmapuri Medical College Hospital, Dharmapuri
 - c) Government Rajaji Madurai Medical College Hospital, Madurai
 - d) Government Theni Medical College Hospital, Theni
 - e) Government Mohan Kumaramangalam Medical College Hospital, Salem
- ii. The Mission Director is permitted to release the fund of Rs. 67,95,000/- as non recurring expenditure to the Managing Director, Tamil Nadu Medical Services Corporation Limited, for procurement of the following:-

NON RECURRENT EQUIPMENT DETAILS:

Sl. No.	Item	No of units required/children centre	Cost/unit in Rs	Fund required for 5 Day care centre in Rs.
A.	Non recurring expenditure			
1	Elisa reader with washer (for day care centre)	1	300000	1500000
2	GEL CARD INCUBATOR (for day care centre)	1	400000	2000000
3	GEL CARD CENTRIFUGE (for day care centre)	-	-	-
4	Cots with mattress	10	10000	500000
5	Iv stand	10	5000	250000
6	Fridge (310 L)	1	20000	100000
7	Syringe pumps	3	40000	600000
8	Infusion pumps	3	40000	600000
9	Multi channel monitor	2	50000	500000

10	Ambu bag-adult	3	10000	150000
11	Ambu bag- infant	2	10000	100000
12	Electronic weighing scale	1	3000	15000
13	BP apparatus	1	3000	15000
14	Television set	1	20000	100000
15	Table	2	10000	100000
16	plastic chairs	10	700	35000
17	Wooden Stool	2	2000	20000
18	Couch	2	10000	100000
19	Crash cart	1	20000	100000
20	Modem	1	2000	10000
	SUB TOTAL		955700	6795000

- iii. The Mission Director is permitted to release the fund of Rs. 57,96,800 for recurring expenditure towards consumables & lab reagents to the concerned Head of Departments / Deans of Government Medical College Hospitals of the Day Care Centres established, as mentioned below:-

RECURRENT EQUIPMENT DETAILS :

Sl. No.	Item	No of units required/childr en centre	Cost/ unit in Rs	Fund required for 5 Day care centre in Rs.
B.	Recurring expenditure -consumables			
1	consumables (lump sum)*	-	100000	500000
2	ferritin(for 200 children to test twice in 5 centres)	-	110	220000
3	HPLC(for 300 children in 5 centres)	-	300	150000
4	Hep B/C screening kits (children receiving transfusion/year) by 4th generation elisa to be tested twice for 300 children in a year	-	200	120000
5	COOMBS GEL CARD kit (Consumables)	200	34	6800
6	Leukofilter for Packed Red Blood Cell*(for 200 children receiving transfusion twice a month/year)	200	1000	4800000
	Sub total		101644	5796800

- iv. The Mission Director, State Health Society, is permitted to monitor the Children treated at these 5 Day Care Hemoglobinopathy Centres
- v. Sanction is accorded to create the 2 Staff Nurse posts in time scale of pay under the administrative control of Director of Medical and Rural Health Services as indicated below:-

Name of the Post	No of posts	place	pay	Mode of Recruitment	Cadre controlling authority
Staff Nurse	2	Dharmapuri Medical College Hospital (1 post) Salem Medical College Hospital (1 post)	Minimum pay of Rs.36000/- (Level - 14 Rs.36000-114000)	Through Medical Recruitment Board as per Existing Norms and then as per seniority maintained by the Director of Medical and Rural Health Services	Director of Medical Education

The Mission Director, National Health Mission is permitted to remit the salary component of the 2 Staff Nurses created above to the following the Receipt Head of Account.

"0211 – 00 – Family Welfare – 800 other Receipts – AN – Receipts under National Rural Health Mission".

(DPC 0211 – 00 – 800 – AN – 0007)

vi. The expenditure sanctioned in para 9 above shall be debited in the following Heads of Account.

1. Government Dharmapuri Medical College Hospital, Dharmapuri "2210 MEDICAL AND PUBLIC HEALTH - 01 Urban Health Services – Allopathy – 110 Hospital and Dispensaries – State's Expenditure – DM Government Dharmapuri Medical College Hospital, Dharmapuri – 01 Salaries"

(DPC – 2210-01-110-DM-0001)

(Rs.1000/- Token Provision)

2. Government Mohan Kumaramangalam Medical College Hospital, Salem

"2210 MEDICAL AND PUBLIC HEALTH – 01 Urban Health Services – Allopathy – 110 Hospitals and Dispensaries – State's Expenditure – DJ Government Mohan Kumaramangalam Medical College Hospital, Salem – 01 Salaries".

(DPC – 2210 – 01 – 110 – DJ – 0007)

Rs.1000/- (Token Provision)

vii. The Mission Director, National Health Mission is permitted to place 6 posts of Nurses on contract basis as per G.O(Ms)No.400 Health and Family Welfare Department, dated:16.12.2014 with salary of Rs.14000/- per month with annual increment of Rs.500/- till they are absorbed in the regular time scale of pay and the posts are allotted to Institute of Child Health & Hospital for Children, Government Madras Medical College Hospital, Egmore, Chennai 8, Theni Medical College Hospital, Theni and Madurai Medical College Hospital, Madurai(2 posts for each Institution).

viii. The Mission Director, State Health Society is permitted to rationalize the placement of Staff Nurses based on the case load.

- ix. The Mission Director, State Health Society is permitted to allow concerned Head of Department / Deans of Government Medical College Hospitals to place the services of 5 Hospital workers (MPHW) through Outsourcing mode as per National Health Mission norms as follows:

Sl. No	Name of Government Medical College Hospital	No.of posts	Appointment
1	Institute of Child Health & Hospital for Children (Madras Medical College)	1	Placed through outsourcing at Rs.6,000/- per month through HOD/Dean concerned.
2	Dharamapuri Medical College Hospital	1	Placed through outsourcing at Rs.6,000/- per month through HOD/Dean concerned.
3	Madurai Medical College Hospital	1	Placed through outsourcing at Rs.6,000/- per month through HOD/Dean concerned.
4	Theni Medical College Hospital	1	Placed through outsourcing at Rs.6,000/- per month through HOD/Dean concerned.
5	Salem Medical College Hospital	1	Placed through outsourcing at Rs.6,000/- per month through HOD/Dean concerned.
	TOTAL	5	

- x. The Mission Director, National Health Mission is requested to ensure that the contractual agreement between the Outsourcing Agency and State Health Society denies the opportunities of the employees to claim any right for absorption. The Outsourcing Agency will also be held responsible for future litigation.

10. The expenditure sanctioned in para 9 (vi) above shall constitute an item of "New Instrument of Service" and the approval of Legislature will be obtained in due course. Pending approval of the Legislature, the expenditure may be initially met by drawal of an advance from the Contingency Fund. The Director of Medical Education is directed to calculate the actual amount required for the period upto next Supplementary Estimates and apply for sanction of the same as advance from the Contingency Fund to Finance (BG.I) Department directly in Form A appended to the Tamil Nadu Contingency Fund Rules 1963 along with a copy of this order. Orders for sanction of an advance from the Contingency Fund will be issued from Finance (BG.I) Department. The Director of Medical Education is requested to send necessary explanatory notes to include the above expenditure in the Supplementary Estimates for the year 2018 - 19 to Finance (BG-I) Department at the appropriate time without fail.

11. This order issues with the concurrence of the Finance Department vide its C.No.51492/Health-I, dated:24.10.2018, U.O.No.55150/CMPC, dated:26.10.2018 and ASL No.1690 (One thousand six hundred and ninety).

(BY ORDER OF THE GOVERNOR)

**J.RADHAKRISHNAN
PRINCIPAL SECRETARY TO GOVERNMENT**

To

The Mission Director, National Health Mission, Chennai- 6

The Director of Medical Education, Chennai- 10

The Accountant General, Chennai – 600 018

The Pay and Accounts Officer (South), Chennai- 600 035

Copy to

The Finance (Health-I) Department, Chennai – 600 009

✓ The Health and Family Welfare (Data Cell) Department, Chennai – 9
SF/SC.

//Forwarded by Order//


SECTION OFFICER