



ABSTRACT

Tamil Nadu Health Systems Project -- Proposal for establishment of 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centre in 59 Hospitals - approved - Orders -Issued.

HEALTH AND FAMILY WELFARE (EAPI-1) DEPARTMENT

G.O (2D) No.122

Dated:24.10.2014
Thiruvalluvar Aandu – 2045
Jaya Iyppasi – 7

Read:

From the Project Director, Tamil Nadu Health Systems Project, Letter Ref.No.7006/ TNHSP/ TN-EMRI/SPC/2013, dated: 01.09.2013.

ORDER:

The Project Director, Tamil Nadu Health Systems Project in his letter read above has stated that it is proposed to establish 24 hours Comprehensive Emergency Orthopaedic and Trauma Care Services in all the District Headquarters Hospitals and Major Taluk Hospitals situated in the National and Major State Highways. The already functioning 14 Trauma Care Centres established with Government of India's assistance will also be included under this scheme. The list of hospitals where these services are to be established is given in Annexure- I(a) to this order. The Trauma Care Centres functioning in Medical College Hospitals are enlisted in Annexure –I(b) The Trauma Care Centres will be classified as Level III, Level II and Level I as per the criteria developed under the Government of India Scheme. The Bed Strength will be 12, 24 and 36 for Level III, II and I respectively.

3. The Project Director, Tamil Nadu Health Systems Project, has also stated that Trauma Care Services in the Medical College Hospitals will be functioning with the existing building and with available equipment. For the establishment of New Trauma Care Centre, the building and equipment norms have been developed for the Trauma Care Centres, as shown in Annexure II & III to this order. The Project Director, Tamil Nadu Health Systems Project has further stated as follows:-

- i. Where there is deficiency of building / equipment, in any of the Hospital, they will be provided by the regular allotment of funds under the National Rural Health Mission.

- ii. When ever maintenance and repair works are required in the existing Hospitals such works shall be executed out of Maintenance and Repair funds allotted from the Directorate of Medical and Rural Health Services.
- iii. The hospitals under the administrative control of Director of Medical Education will get funds from out of Director of Medical Education's Maintenance and Repair expenditure funds.

4. The Project Director, Tamil Nadu Health Systems Project, has furnished the list of staff requirement of 61 various categories for the Trauma Care Centres as shown in Annexure-IV and their skill sets as shown in Annexure-V respectively to this Order. He has also stated that there shall be a minimum of 4 Orthopaedic Surgeons, 2 Anaesthetists, 2 General Surgeons and 4 General MBBS doctors (for Casualty) in each Trauma Care Centre so that round the clock availability of Orthopaedic Surgeon within the Hospital campus is ensured. The General Surgeon and Anaesthetists may be on call duty. The Orthopaedic Surgeons shall perform shift duties in rotation in 3 shifts each day. The Services of other Specialists like Neuro Surgeon, Cardio Thoracic Surgeon, Urologist, etc., can be availed by hiring the services on case to case basis. The fees shall be paid out of the National Rural Health Mission funds for specialist services. The Orthopaedic Surgeons, General Surgeons and Anesthetists required for the Trauma Care Centres shall be redeployed from other smaller hospitals / Primary Health Centres within the district where their services are not optimally utilized.

5. The Project Director, Tamil Nadu Health Systems Project, has stated that all Trauma Care Centres shall have a functioning Blood Bank with license and proper staff like trained Doctor, Staff Nurses and Lab Technicians who shall be available as per the staff norms which is shown in Annexure IV to this order.

6. The Project Director, Tamil Nadu Health Systems Project, has stated that there shall be no referral out patients in the centre except for very major cases involving Neuro Surgery, Major Thoracic Surgery, Cardiac cases, those requiring dialysis etc. However, no patient shall be transferred out for want of Blood or Medicines. It is proposed that the web based Hospital Management System and Health Management Information System will be employed for recording and reporting. Computers supply and LAN Connectivity etc., shall be provided by the Tamil Nadu Health Systems Project (TNHSP) as per the overall plan for the Hospital concerned.

7. The Project Director, Tamil Nadu Health Systems Project, has further stated that one Advanced Life Support (ALS) vehicle from 108 Emergency Ambulance Services will be stationed in each Trauma Care Centre to transport the patient requiring referral out to the Medical College Hospitals. The 108 emergency ambulance service functioning in the districts and adjoining places shall work in close coordination with these centers. The Trauma Care Centers will be connected to a proper capacity generator to cater to the whole centre in times of need.

8. The Project Director, Tamil Nadu Health Systems Project, has stated that the training programmes will be conducted by the Tamil Nadu Health Systems

Project and the National Rural Health Mission for improving the skills of the Orthopaedic Surgeons, General Surgeons, Anesthetists and Staff Nurses, etc. A regular training Programme on Trauma Care for Doctors and Staff Nurses will be developed and they will be trained periodically.

9. The Project Director, Tamil Nadu Health Systems Project, has further stated that sensitization of the District Level Health Administrators like Joint Director of Medical and Rural Health Services, Deputy Director of Health Services, District Managers of 108 Emergency Ambulance Services, etc., will be carried out at the State level / Regional level on the functioning of Trauma Care Centres. The Hospital Superintendent and Chief Medical Officers of the Primary Health Centres will be sensitized at the district level regarding the availability of Trauma Care Services. The Certifying Teams will also be included in the Sensitization Programme. The funds required for the Sensitization Meetings shall be met out of the National Rural Health Mission funds.

10. The Project Director, Tamil Nadu Health Systems Project, has stated that the Trauma Care Centres shall be certified as fit to be a 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centre by a Team of Specialists consisting of one Professor of Orthopaedic Surgery, one Professor of General Surgery and one Professor / Assistant Professor of Anesthesia. They will visit the hospital, inspect the various facilities available in the Trauma Care Centres, Staff available and their skills based on the Certification criteria which as shown in Annexure VI to this order. On satisfactory report of the Certification Team, the Government will grant Certification of the concerned Trauma Care Centres which will be valid for two years. Every two years, the same exercise shall be repeated and recertification shall be done. The expenditure for conveyance of the Certification Team, Resource person fee and other expenditure shall be met out of the National Rural Health Mission funds:-

- Periodical Reports on performance, Staff and any requirement as per the proforma given in the Annexure-VII to this order shall be submitted online to the Project Director, Tamil Nadu Health Systems Project and to the Director of Medical and Rural Health Services regularly.
- The functioning of the 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centres will be reviewed periodically either through Video Conferencing or by State level / Regional level review meetings to be conducted by the Project Director, Tamil Nadu Health Systems Project and the Director of Medical and Rural Health Services. The expenditure towards the meeting shall be met out of the National Rural Health Mission / Tamil Nadu Health Systems Project funds for Review Meetings.
- The functioning of the 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centres will be inspected periodically by the Joint Director of Health Services, Regional Consultants and District Project Management Unit Co-ordinators of Tamil Nadu Health Systems Project and the State level officers from the Director of Medical and Rural Health Services and Tamil Nadu Health Systems Project.

- A Display Board shall be kept in front of the hospital depicting 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centre in Tamil. The board shall not be lesser than 6 feet X 4 feet size. The board shall be painted in Enamel paint. The expenditure towards the meeting shall be met out of the Patient Welfare Society funds.
- One Nodal Officer each in the Directorate of Medical Education, Directorate of Medical and Rural Health Services, National Rural Health Mission and Tamil Nadu Health System Project will be designated to monitor the activities of the Trauma Care Centres in their respective departments. They will report to the Project Director, Tamil Nadu Health Systems Project who will be the State Level Implementing Officer.

11. The Project Director, Tamil Nadu Health Systems Project has stated that some hospitals / upgraded Primary Health Centres will be designated as Stabilization Centres to receive the accident victims and to provide adequate resuscitation and stabilize the patients and make them fit for travel. These Stabilization Centres have been selected depending upon the distance from the accident spot to the appropriate hospital.

12. The Project Director, Tamil Nadu Health System Project has stated that the Hospital Superintendents concerned will work out the requirement in terms of building, equipment, staff and consumables on their own and based on the findings of the certifying Teams the total cost involved will be arrived at. The funds be provided out of National Rural Health Mission funds or through Government budget subsequently.

13. The Project Director, Tamil Nadu Health Systems Project has requested to approve the above proposal and issue suitable orders on the following:

- (i) To Establish 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centres in 59 hospitals, the details of which given under Annexure I(a) & I(b).
- (ii) To nominate the Project Director, Tamil Nadu Health Systems Project as the Nodal Officer along with Director of Medical and Rural Health Services and Director of Medical Education for monitoring this program and to nominate the Tamil Nadu Health Systems Project as the Nodal Department and also to permit him to proceed to get these centres certified. The expenditure to be incurred for the Certification Team's visit may be met out of the Tamil Nadu Health Systems Project / National Rural Health Mission funds.
- (iii) The Sensitization workshops may be conducted by the Tamil Nadu Health Systems Project by utilizing Tamil Nadu Health Systems Project / National Rural Health Mission funds

14. After careful examination, the Government accept the proposal of Project Director, Tamil Nadu Health Systems Project and have ordered,

- i. To Establish 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centres in 59 hospitals, the details of which given under Annexure I(a) & I(b) to this order.
- ii. To redeploy the existing posts to the 24 hours Comprehensive Emergency Orthopaedic and Care Centres and to use the maintenance funds and Chief Minister's Comprehensive Health Insurance Scheme funds for the establishment of Trauma Care Centre.
- iii. To nominate the Project Director, Tamil Nadu Health Systems Project as the Nodal Officer along with Director of Medical and Rural Health Services and Director of Medical Education for monitoring this program and to nominate the Tamil Nadu Health Systems Project as the Nodal Department and also to permit him to proceed to get these centres certified. The expenditure to be incurred for the Certification Team's visit to be met out of the Tamil Nadu Health Systems Project / National Rural Health Mission funds.
- iv. To conduct Sensitization workshops by the Tamil Nadu Health Systems Project by utilizing Tamil Nadu Health Systems Project / National Rural Health Mission funds

15. This orders issues with the concurrence of Finance Department vide its U.O. No.55845/H-II/2014, dated:16.10.2014.

(BY ORDER OF THE GOVERNOR)

J.RADHAKRISHNAN
SECRETARY TO GOVERNMENT

To

The Project Director,
Tamil Nadu Health Systems Project, Chennai-6.
All Head of Departments
All Joint Director of Health Services
All Deputy Director of Health Services
All District Project Management Unit
All Coordinators
The Dean of all Medical Colleges
All Hospital Superintendent,
All Government Medical College Hospitals

Copy to

The Senior Personnel Assistant to Minister (Health), Chennai-9.
The Finance (Health I) Department, Chennai-9.
The Health and Family Welfare (Data Cell) Department, Chennai-9.
SF/SC

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20/10/14
SECTION OFFICER

(p.k.o. for Annexure)

ANNEXURE 1(a)**(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)****List of Trauma Care Centres & their Certifying Institutions**

Sl.No	District	Trauma Care Centres	Certifying Institutions
1	Coimbatore	District Head Quarters Hospital, Pollachi	Coimbatore Medical College Hospital, Coimbatore.
2	Cuddalore	District Head Quarters Hospital, Cuddalore*	Villupuram Medical College Hospital, Villupuram.
3	Dharmapuri	Government Hospital, Harur.	Dharmapuri Medical College Hospital, Dharmapuri.
4	Dindigul	District Head Quarters Hospital, Dindigul*.	Government Rajaji Hospital, Madurai.
5	Erode	District Head Quarters Hospital, Erode.	MKM Medical College Hospital, Salem.
6	Kancheepuram	District Head Quarters Hospital, Kancheepuram.	Chengalpattu Medical College Hospital, Chengalpattu.
7	Kanniyakumari	District Head Quarters Hospital, Padmanabhapuram*.	Kanniyakumari Medical College Hospital, Nagercoil.
8	Karur	District Head Quarters Hospital, Karur*.	Mahatma Gandhi Memorial Hospital, Trichy.
9	Krishnagiri	District Head Quarters Hospital, Krishnagiri*.	Dharmapuri Medical College Hospital, Dharmapuri.
10	Madurai	District Head Quarters Hospital, Usilampatti.	Govt. Rajaji Hospital, Madurai.
11	Nagapattinam	District Head Quarters Hospital, Nagapattinam.	Tiruvarur Medical College Hospital, Tiruvarur.
12	Namakkal	District Head Quarters Hospital, Namakkal*.	MKM Medical College Hospital, Salem.
13	The Nilgiris	District Head Quarters Hospital, Udhagamandalam.	Coimbatore Medical College Hospital, Coimbatore.
14	Perambalur/Ariyalur	District Head Quarters Hospital, Perambalur*.	Mahatma Gandhi Memorial Hospital, Trichy.
15	Pudukottai	District Head Quarters Hospital, Pudukottai.	Mahatma Gandhi Memorial Hospital, Trichy.
16	Ramanathapuram	District Head Quarters Hospital, Ramanathapuram.	Govt. Rajaji Hospital, Madurai.
17	Salem	District Head Quarters Hospital, Attur.	MKM Medical College Hospital, Salem.
18	Sivagangai	Government Hospital, Karaikudi.	Sivagangai Medical College Hospital, Sivagangai.
19	Thanjavur	District Head Quarters Hospital, Kumbakonam.	Thanjavur Medical College Hospital, Thanjavur.
20	Theni	District Head Quarters Hospital, Periyakulam.	Theni Medical College Hospital, Theni.

21	Thoothukudi	District Head Quarters Hospital, Kovilpatti*.	Thoothukudi Medical College Hospital, Thoothukudi.
22	Tirunelveli	District Head Quarters Hospital, Tenkasi*.	Tirunelveli Medical College Hospital, Tirunelveli.
23	Tiruvallur	District Head Quarters Hospital, Tiruvallur.	Kilpauk Medical College Hospital, Chennai – 10.
24	Tiruvannamalai	District Head Quarters Hospital, Tiruvannamalai.	Vellore Medical College Hospital, Vellore.
25	Tiruvarur	District Head Quarters Hospital, Mannargudi.	Tiruvarur Medical College Hospital, Tiruvarur.
26	Trichy	District Head Quarters Hospital, Srirangam	Mahatma Gandhi Memorial Hospital, Trichy.
27	Vellore	District Head Quarters Hospital, Walajapet*.	Vellore Medical College Hospital, Vellore.
28	Viluppuram	District Head Quarters Hospital, Kallakurichi.	Villuppuram Medical College Hospital, Villuppuram.
29	Virudhunagar	District Head Quarters Hospital, Virudhunagar.	Government Rajaji Hospital, Madurai.
30	Kancheepuram	Tambaram*	Government General Hospital, Chennai.
31	Madurai	Melur*	Government Rajaji Hospital, Madurai.
32	Salem	Omalur*(now shifted to Athur)	MKM Medical College Hospital, Salem.
33	Villuppuram	Tindivanam	Villuppuram Medical College Hospital, Villuppuram.
34	Cuddalore	Virudhachalam	Villuppuram Medical College Hospital, Villuppuram.
35	Nagapattinam	Mayiladuthurai	Thanjavur Medical College Hospital, Thanjavur.
36	Tirunelveli	Nanguneri	Tirunelveli Medical College Hospital, Tirunelveli.
37	Virudunagar	Aruppukottai	Government Rajaji Hospital, Madurai.
38	Tirupur	Udumalaipettai	Coimbatore Medical College Hospital, Coimbatore.
39	Thanjavur	Pattukottai	Thanjavur Medical College Hospital, Thanjavur.
40	Pudukottai	Aranthangi	Mahatma Gandhi Memorial Hospital, Trichy.

*- Already functioning as Trauma Care Centres.

J.RADHAKRISHNAN
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ANNEXURE 1(b)

(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)

List of Trauma Care Centres functioning in Medical College Hospitals

Sl.No	District	Hospitals
1	Chennai	Government General Hospital
2	Chennai	Government Stanley Hospital
3	Chennai	Government Royapettah Hospital
4	Chennai	Kilpauk Medical College Hospital, Chennai -10.
5	Chengalpattu	Chengalpattu Medical College Hospital
6	Coimbatore	Coimbatore Medical College Hospital*
7	Dharmapuri	Dharmapuri Medical College Hospital
8	Kanniyakumari	Kanniyakumari Medical College Hospital, Nagercoil*
9	Madurai	Govt. Rajaji Hospital, Madurai*
10	Salem	Mohan Kumara Mangalam Medical College Hospital, Salem*
11	Sivagangai	Sivagangai Medical College Hospital, Sivagangai
12	Theni	Theni Medical College Hospital
13	Trichy	Mahatma Gandhi Memorial Hospital, Trichy
14	Thanjavur	Thanjavur Medical College Hospital, Thanjavur.
15	Tirunelveli	Tirunelveli Medical College Hospital, Tirunelveli.*
16	Thoothukudi	Thoothukudi Medical College Hospital, Thoothukudi.
17	Tiruvarur	Tiruvarur Medical College Hospital, Tiruvarur.
18	Vellore	Vellore Medical College Hospital, Vellore.
19	Villupuram	Villupuram Medical Hospital, Vellore.

*- Government of India assistance provided.

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ANNEXURE 2**(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)****Building Requirement for Trauma Care Centres**

1. Trauma Casualty
2. In-patient Wards
3. Diagnostic Laboratory
4. X-ray
5. Scan Room
6. Blood Bank
7. Operation Theatre complex
8. Post operative Wards
9. Staff Rooms
10. Attendee Waiting Hall
11. Central Suction and Gas Unit
12. CSSD.

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ANNEXURE 3**(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)****Equipment norms for Trauma Care Centres**

The following is the list of equipment for Trauma Care Centres :

S.No	Name of Equipment	No.s
1	Image Intensifier (C-Arm) - with CD Rom, Printer, 12" CCD, Double Monitor, Facilities for Electronic Transmission and Networking for Tele-Radiology with X-ray and DSA facilities.	1
2	3 D Ultrasonography – Trolley based	1
3	500 mA X-ray Machine with Dark Room facility	1
4	CT Scan Multi Slice	1
5	100 mA Portable X-ray Machine	1
6	Operation Theatre Table – 4 segments, translucent top with orthopaedics attachment	1
7	Cautery Machine – Mono & Bipolar with vessel sealer	2
8	Operation Theatre ceiling light – shadow less / LED with 2 arms	2
9	High Vacuum Suction Machine	2
10	Anesthesia Machine with Monitor 6-8 Channel	2
11	Pneumatic tourniquets	2
12	General Surgical Instruments	2 sets
13	Thoracotomy instruments	1 set
14	Spine surgery instruments	1 set
15	Power drill and Power saw	1
16	Craniotomy instruments	2 sets
17	Splints and traction	2
18	Lab, Automatic Blood Gas Analyzer	1
19	Automatic Bio-Analyzer	1
20	Patient warning system	1
21	Defibrillator	2
22	Operating Microscope	1

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23	Operating Head Lights	2
24	Fowler's bed	20
25	10 bedded step down / recovery unit with 5 monitors (4 channels)	-
26	Rehabilitation – SW Diathermy, IFT machine, Cervical and Lumbar Traction and Physiotherapy equipments	-
27	Fully functional Blood Bank and Microbiology facility	-
28	Ventilator with Adaptive Support Ventilation Technology	6
29	Multi parameter monitor including E.T. CO2	6
30	Laminar air flow – Modular Theatre	1
31	Electricity Back-up for eight hours	1
32	Computer with LAN, Networking & Broadband facility, Printers, UPS	6
33	Telephone, Intercom, Mobile phone	-
34	Central supply of Oxygen, Nitrous Oxide, Compressed air and Vacuum	-
35	Tracheostomy set	5
36	Venesection set	6
37	ECG machine	1
38	Nerve Stimulator	2
39	Patient Shifting Cot / Trolley	

Additional requirements list for Orthopaedic Procedures :

S.No	Name of Equipment	No.s
1	Orthopaedic Instrumentation General Set	3
2	Large Fragment Instrumentation Set(4.5 system)	2
3	Small Fragment Instrumentation Set(3.5 system)	2
4	Hemiarthroplasty Instrumentation Set	2
5	Interlocking nail, set-Femur	2
6	Interlocking Nailing set –Tibia	2
7	External fixator set with instruments	100

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8	Battery Operated Power drill	2
9	Electrically Operated drill	2
10	C arm 9"	1
11	Arterial Doppler	2
12	Universal head drill	6
13	K wires 1.5, 1.8, 2, 3 mm	Each 1000 nos. for 1 year
14	K wire Instrument Set	2
15	Thomas Splint	10
16	Bohler Braun Splint	10
17	Scahnz Pin & Steinmann pins	Each 100 for 1 year

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ANNEXURE 4**(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)****Staff Requirement for Trauma Care Centres**

Sl.No	Category	Number
1	General Surgeon	2
2	Orthopaedic Surgeon	4
3	Anesthetist	3
4	Casualty Medical Officer	4
5	Staff Nurses	12
6	Nursing Assistant	4
7	Pharmacist	1
8	Operation Theatre Technician	3
9	Lab Technician	2
10	Radiographer	3
11	Hospital worker	6
12	Sanitary worker	6
13	Ministerial staff (with Computer knowledge)	1
14	Physiotherapist	2
15	Plaster of Paris Technician	4
16	Security Persons	4

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ANNEXURE 5**(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)****Skills Set for Staff****1. General Surgeon**

- i. Should be able to handle common hollow viscous injuries
- ii. Should be able to put Inter costal drainage (ICD)
- iii. Should be able to treat acutely bleeding injuries.
- iv. Resuscitation of injured person.

2. Orthopaedic Surgeon

Should be able to perform the following:

- i. Resuscitations
- ii. Handle C arm
- iii. POP Procedures
- iv. Identify Complication of Fracture and appropriate management on priority basis
- v. All internal Fixation Procedures(If needed urgently)
- vi. External Stabilisation of Fractures of limbs and Pelvis
- vii. Pin traction Procedures.

3. Anesthetist

- i. Resuscitation of all injured persons
- ii. Operate ventilators
- iii. Perform Nerve blocks
- iv. Should have undergone critical care training

4. Casualty Medical Officer

- i. Resuscitation
- ii. Identification of problems and call suitable specialists
- iii. Make proper medico legal entries

5. Staff Nurses

- i. Should be trained in basic life support .
- ii. Able to operate equipment related to Trauma Care and Monitors.
- iii. Should assist in surgical works and Resuscitation.

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6. Nursing Assistant

- i. Should have been trained in basic life support.
- ii. Should be able to maintain cleanliness of the wards.
- iii. Should be able to assist Staff Nurses in their duties.

7. Pharmacist

- i. Should have knowledge in drugs and surgical materials used in emergencies.
- ii. Should be able to stock adequate materials used in emergency.

8. OT Technician

- i. Should be able to maintain the theatre and equipment sterile.
- ii. Should be able to operate theatre equipment .
- iii. Should be able to operate autoclave machines.

9. Lab Technician

- i. Should be well versed in routine lab. procedures.
- ii. Should be able to operate modern equipment like auto analysers etc.

10. Radiographer

- i. Should be able to operate X- Ray machine , Mobile X – Ray machine and C- arm.
- ii. Knowledge about hazards of radiation.

11. Hospital worker

- i. Should be able to maintain cleanliness of ward and surroundings.
- ii. Should be able to transport cases in specified positions.

12. Sanitary worker

- i. Should be able to maintain cleanliness of ward and surroundings.
- ii. Should be able to transport cases in specified positions.

13. Ministerial staff (with Computer knowledge) :

Maintenance of Records

- i. Budget Calculation
- ii. Official communication skills
- iii. Inter departmental coordination with PWD , Electrical etc
- iv. Bills preparation and drafting of proceedings

Note:- All above Officers and Staff shall perform all above duties as mentioned above against them and any other duties assigned to them by the higher authorities from time to time.

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ANNEXURE 6

(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)

Criteria for certification of 24 Hours Comprehensive Emergency Orthopaedic and Trauma Care Centers

1. Casualty services
2. Pre-operative care
3. Emergency Trauma Care Procedures
4. Diagnostic services
5. Post operative care
6. Records and Registers
7. Ambulance services
8. Adherence to Standard Treatment Protocols
9. Post hospital follow-up
10. Guidelines for referral out
11. Tie-up with Insurance Schemes
12. Monitoring and Reporting.
13. Conducting regular training programmes

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ANNEXURE 7**(G.O. (2D) No.122 Health and Family Welfare (EAPI-1) Department, Dated: 24.10.2014)****MONTHLY REPORTING FORMAT**

Name of the Hospital :

District :

Month :

Year :

Phone no :

Email id :

Sl.no	Subject	Report
1	Number of beds in the Trauma Care Center	
2	Number of Orthopaedic Surgeons	
3	Number of General Surgeons	
4	Number of Anesthetists	
5	Number of General Doctors	
6	Number of Trauma patients admitted during the month	
7	Number of persons underwent surgery	
8	Number of persons given Blood transfusion	
9	Number of persons Referred out – give reasons for each patient referred out	
10	Number of persons cured	
11	Number of persons died	
12	Any major equipment out of order ? If so, give the details.	
13	Minor injuries	
14	Major injuries	
15	Average length of stay of Trauma Cases during the month	
16	Availability of medicines	
17	Availability of equipment / Implants	
18	Number of cases included under Chief Minister Comprehensive Health Insurance Scheme	
19	Amount claimed and received under Chief Minister Comprehensive Health Insurance Scheme	
20	Any other points	

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