

National Programme for Prevention and Management of Trauma and Burn Injuries (NPPMTBI)

Burn Injury Programme:

As per WHO (2017), Burns are a global public health problem, accounting for an estimated 1,80,000 deaths every year. The majority of these occur in low and middle income countries and almost two thirds occur in the WHO African and South-East Asia regions. In India, over 1,000,000 people are moderately or severely burnt every year. The high incidence is attributed to illiteracy, poverty and low level safety consciousness in the population. The situation becomes further grim due to the absence of organized burn care at primary and secondary health care level. However, the death and disability due to burn injury are preventable to a great extent provided timely and appropriate treatment is provided by trained personnel.

Keeping in view the magnitude of the problem, a pilot programme on burn care was initiated in the year 2010 by Ministry of Health & Family Welfare in the name of "Pilot Programme for Prevention of Burn Injuries" (PPPBI). This was initiated in three Medical Colleges and six Districts Hospitals. The goal of PPPBI was to ensure prevention of Burn Injuries, provide timely and adequate treatment in case of burn injuries, so as to reduce mortality, complications and ensuing disabilities and to provide effective rehabilitative interventions if disability has set in.

The pilot project continued as full-fledged programme during the 12th Five Year Plan period. The financial assistance towards District Hospital component was undertaken under National Health Mission (NHM). The programme has now been extended upto 2020 for continued financial support on reimbursement basis to already approved Burn Units.

The objectives of the scheme are as under:

- To reduce incidence, mortality, morbidity and disability due to Burn Injuries
- To improve awareness among the general masses and vulnerable groups especially the women, children, industrial and hazardous occupational workers.
- To establish adequate infrastructural facility and network for behavior change communication, burn management and rehabilitation interventions.
- To carry out Research for assessing behavioral, social and other determinants of Burn Injuries in our country for effective need based program planning for Burn Injuries, monitoring and subsequent evaluation.

The following are the broad achievements under the programme:

- During the 12th Five Year Plan, setting up of Burn Units was approved in 60 State Governments Medical Colleges. First installment of financial assistance towards construction and equipment procurement has been provided for 47 Medical Colleges in various States after signing the MoU with respective State Government. (List enclosed at Annexure-1)
- For capacity building, the practical Handbook/ Manual for Burn Injury Management, developed during the 11th FYP, has been revised. A chapter on the Standard Treatment Guidelines for Acid attack victims has been incorporated in the handbook.
- Burn Data Registry and software have been developed and will soon be implemented at National level to collect, compile and analyze data related to Burn Injuries in the country.
- Under Information Education and Communication (IEC) activities, Audio-visuals developed on first aid for acid burns and translated into 12 Regional languages. The outdoor publicity campaign through telecast, broadcast and digital cinema campaigns undertaken.
- Technical Resource Group (TRG) has been re-constituted which has developed Standard Treatment Guidelines for burn injuries.
- The 6-day practical training of Medical Officers in Burn Injury management for doctors was organized on 22-27 October 2018 and 18-23 February 2019 at Safdarjung Hospital and Dr. RML Hospital. Around 80 doctors have been trained so far.
- A manual on dressing techniques for paramedics has been developed.

MEDICAL COLLEGES SUPPORTED UNDER-NPPMBI-47 (12th FYP)

S. NO	State	District	Name of the Medical College
1.	Assam	Dibrugarh	Assam Medical College & Hospital
2.		Silchar	Silchar Medical College & Hospital
3.	Andhra Pradesh	Kurnool	Kurnool Medical College
4.		Guntur	Guntur Medical College
5.		Tirupati	Shri Venkateswara Medical College, Tirupati
6.		Anantpur	Govt. Medical College Anantpur
7.		Nellore	ACSR Govt. Medical College, Nellore
8.		Vishakhapatnam	King George Hospital & Andhra Medical College, Vishakhapatnam
9.		Bihar	Patna
10.	Bhagalpur		J.L.N. Medical College & Hospital
11.	Chhattisgarh	Bilaspur	Chhattisgarh Institute of Medical Sciences
12.	Gujarat	Rajkot	PDU Medical College
13.	Jammu & Kashmir	Srinagar	SMHS Hospital & Medical College
14.	Madhya Pradesh	Indore	MGM Medical College
15.		Bhopal	Gandhi Medical College
16.		Gwalior	G.R. Medical College, Gwalior
17.		Jabalpur	Netaji Subash Chandra Bose Medical College, Jabalpur
18.		Rewa	Shyam Shah Medical College, Rewa
19.	Manipur	Imphal	Regional Institute of Medical Sciences (RIMS)
20.	Orissa	Cuttack	S.C.B. Medical College & Hospital
21.	Punjab	Patiala	Medical College and Hospital, Patiala
22.		Faridkot	GGs Medical College Hospital Faridkot
23.		Thanjavur	Thanjavur Medical College Hospital

24.	Tamil Nadu	Trichirappalli	KAVP Govt. Medical College & Mahatma Gandhi Memorial Govt. Hospital
25.		Vellore	Govt. Vellore Medical College Hospital Vellore
26.		Salem	Govt. Mohan Kumarmangalam Medical College Hospital Salem
27.		Coimbatore	Coimbatore Medical College Hospital, Coimbatore
28.		Madurai	Madurai Medical College
29.	Uttar Pradesh	Kanpur	GSVM Medical College
30.		Lucknow	K.G. Medical University
31.		Gorakhpur	B.R.D. Gorakhpur
32.		Agra	S.N. Medical College, Agra
33.		Allahabad	MLN Medical College Allahabd
34.	Uttarakhand	Haldwani	Govt. Medical College, Haldwani
35.		Dehradun	Medical College Doon Hospital Dehradun
36.	West Bengal	Burdwan	Burdwan Medical College & Hospital
37.		Kolkata	IPGMER, SSKM Medical College & Hospital
38.		Darjeeling	North Bengal Medical College & Hospital, Darjeelin
39.		Malda	Malda Medical College & Hospital, West Bengal
40.		Bankura	Bankura Sammelani Medical College & Hospital
41.		Murshidabad	Murshidabad Medical College & Hospital
42.	Kerala	Kozikode	Govt. Medical College, Kozikode
43.		Kottayam	Govt. Medical College Kottayam
44.		Thrissur	Government Medical College, Thrissur
45.		Thiruvananthapuram	Government Medical College & Hospital, Thiruvananthapuram
46.	Goa	Goa	Govt. Medical College Goa
47.	Karnataka	Mysore	Mysore Medical College and Research Institute, Mysore