



One Province, One Mobile Blood Bus Project

**"Heading Towards Better Blood Management
System in Nepal"**

Introduction

One Province, One Mobile Blood Bus Project

“One Province, One Mobile Blood Bus Project” is a quality enhancement Project of NRNA for Blood Banks of all seven provinces. Each Province has a medical hub, which is facing a lot of challenges for providing quality blood service time again. The harsh climatic condition of each place adds challenges in blood collection during summer, winter and rainy seasons. This project will eliminate climatic barrier for blood donation as it will have Air Condition and closed space. The project's cost is estimated about NRs. Seventy Lakhs for each Mobile Blood Bus. It is one of the flagship project led by NRNA's President Rabina Thapa and IES 2021-23. This initiation is being supported by the Nepalese diaspora all over the world. Blood Banks have prepared the operational plan to operate these Mobile Blood Banks in each province. This project is being conducted jointly by Non-Resident Nepali Association and Blood Banks of Nepal. Institutional collaboration for the good cause like this can give some solutions for effective, efficient and safer blood management of Nepal.

Objectives

- To help in Blood collection and supply in Blood Transfusion Service Center
- To assure the quality and safety of patients
- To increase the number of Blood Donors
- To promote use of technology in Blood Transfusion System in Nepal
- To provide the blood to emergency cases from the collection site

Under this project, the first Mobile Blood Bus was handed over to Nepal Red Cross Society Bharatpur Regional Blood Transfusion Service, Chitwan, Bagamati Province in collaboration with Bharatpur Metropolitan on 5th December 2020. This project was handed over during the Covid-19 Pandemic which supported fulfilling the blood demand in the crisis too. It helps to collect more than 1000 pints of Blood per month in Bagamti Province and serves more than 3,000 patients.

Paving the road of continuation of the project, the second Mobile Blood Bus was handed over to Nepal Red Cross Society Dhangadhi Provincial Blood Transfusion Service, Kailai, Sudurpaschim Province in collaboration with Dhangadhi Sub-Metropolitan on 17th Jan 2022. This project was handed over during the third wave of Covid-19. It helps to collect more than 500 pints of Blood per month in Dhangadhi to serve more than 1500 patients.

Hence, the impact of these successful projects encouraged us to support the other provinces too.

- ❖ **Blood collection monitor-#2**
- ❖ **Blood Donor Couch, motorized with tilting arrangements: #2**
- ❖ **Blood bank refrigerator : #1 of capacity 100 Liters (at least 50 bags)**
- ❖ **Table top tube sealer: #1**
- ❖ **Multi-function handheld Tube Stripper: #1**
- ❖ **BP Apparatus: #1**
- ❖ **Digital Haemoglobinometer (Portable): #2 with 500 strips each**
- ❖ **Digital Weighing Balance: #1**
- ❖ **Mammogram Machine/Cancer Screener:#1**
- ❖ **Split AC (Genset driven) for operation in only the blood collection cabin while the vehicle is stationary**
- ❖ **SS Wash Basin: #1**
- ❖ **Curtains for all windows & Rear**
- ❖ **Foldable Canopy with an extra-strong Aluminum structure on the co-driver side**
- ❖ **Fans (#4)**
- ❖ **Adequate Lighting including Emergency**

Features of Mobile Blood Bus



Operation Modality

- The Tripartite agreement will be done among NRNA, Recipient Blood Transfusion Services and Local Government to ensure its proper mobilization and management.
- NRNA will hand over the Mobile Blood Bus to the Recipient Blood Transfusion Services through Local Government.
- The Recipient Blood Transfusion Services will mobilize the Buses for the collection and delivering its services.
- The local government will assist in management.
- The monitoring and evaluation will be done by NRNA and Local Government as per need.
- The mobilization report will be shared by Recipient Blood Transfusion Services to NRNA, NRCS Central Blood Transfusion Service and Local Government bi-annually and annually.

Service Catchment



PROVINCE 1

Major Hospitals:

BPKIHS, KOSHI, NOBEL BIRAT, B&C, and many more

Total numbers of District: 14

Population served: 4,972,021

Catchment districts:

Sunsari, Jhapa, Morang, Dhankuta, Ilam and nearby palikas of hilly districts



MADHESH PROVINCE

Major Hospitals:

Janakpur Provincial Hospital, Madhesh Institute of Health Science, Mithila Hospital, Narayani Zonal and many more

Total numbers of District: 8

Population served: 6,126,288

Catchment districts:

Dhanusha, Mahottari, Sarlahi, Sindhuli, Rautahat, Siraha etc



LUMBINI PROVINCE

Major Hospitals:

Lumbini provincial hospital, Lumbini Medical College, Nepalgunj medical College, and many more

Total numbers of District: 12

Population served: 5,124,225

Catchment districts:

Rupandehi, Kapilvastu, Nawalpur, Nawalparasi west, Dang, Banke etc

Fund Raising Campaign

NRNA has engaged in community service at their need since its inception. Blood service in Nepal has been recognized as one of the most important aspects of the healthcare needs of people. The Steering Committee under the chairmanship of Mrs. Rabina Thapa, Executive President is formed to support the mobile blood bus in all provinces.

For each province mobile blood bus campaign, a coordinator has been assigned with team members
Deepak Gautam- Province one
Suneel Shah- Madhesh Province
Mohammad Muktada- Lumbini Province

All NCCs, NRNA members, supporters, cooperate House and other well wishers are requested to raise funds for these projects.

How can you support this initiative:

To support this initiative please scan the QR code below or visit

<https://nrna-donate.azurewebsites.net/home>



Donation Methods

Option 1 : Through NCCs

Option 2 : For Donation through Cards (EPG-Nabil bank)

Province 1 Project : <https://bit.ly/3WfDqoa>

Madhesh Province Project : <https://bit.ly/3WxwL8i>

Lumbini Province Project : <https://bit.ly/3PNgABJ>

Option 3 : For Donation Through Bank

Account Name : NRNA Blood Transfusion System Fund

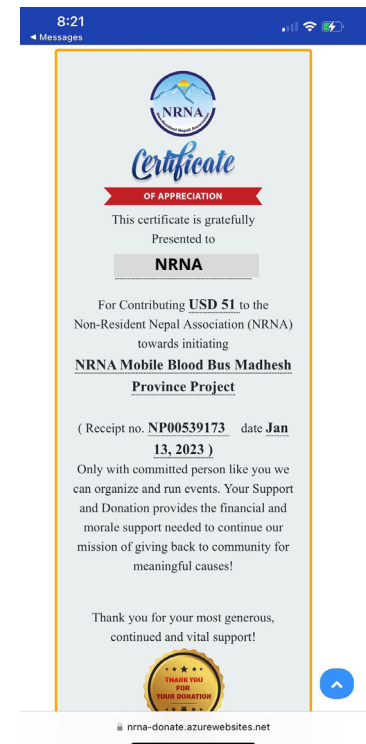
Account No. 024010010000471

Swift: SNMANPKA

Bank: Sanima Bank Limited, Naxal, Kathmandu

Donors Acknowledgement :

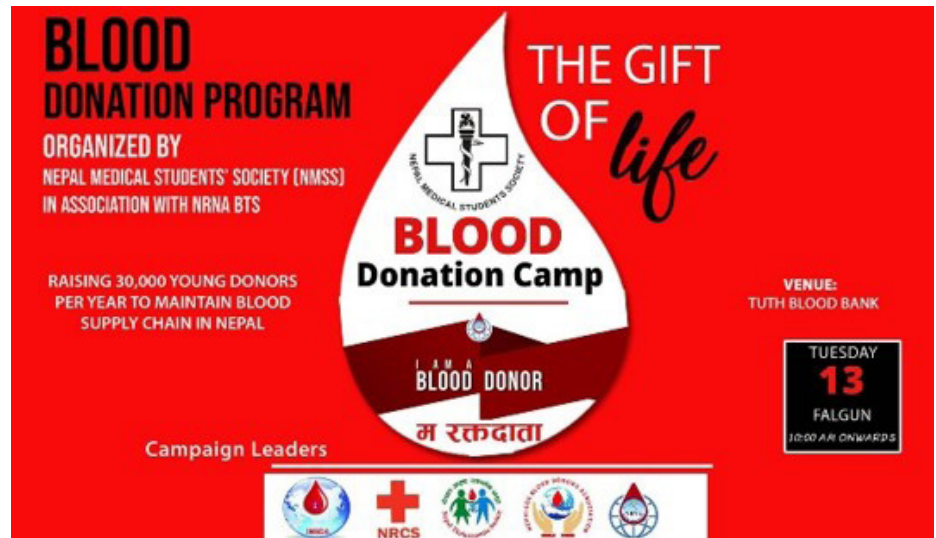
- Automated Donor Appreciation Certificate,
- Donor acknowledgement through NRNA social media
- All the supporters who contributes more than USD 1000/NPR 100,000 are placed in project venue with metalcarving.



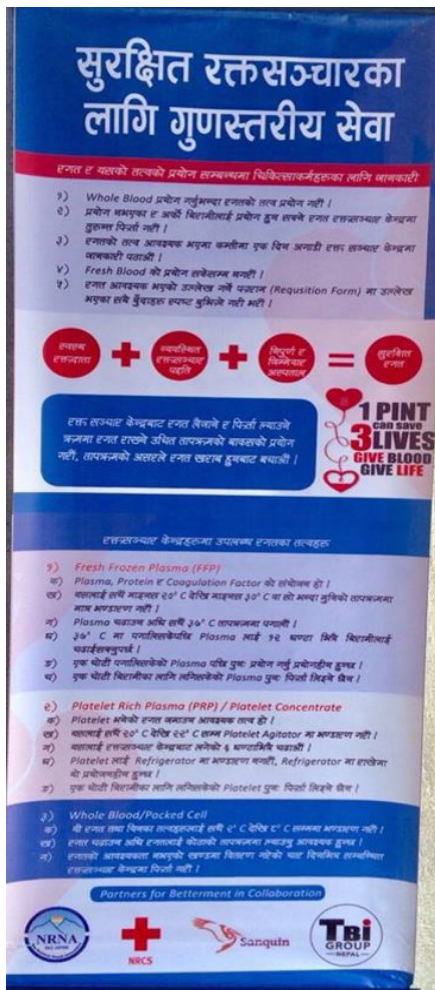
GLIMPSE OF SOME OF OUR WORKS FOR BETTERMENT OF BLOOD MANAGEMENT SYSTEM



Blood Donation Inside NRNA Blood Bus in Sudurpaschim Province



Sample Banner of Blood Donation events conducted by different organisation in collaboration with NRNA



Comprehensive Plan For Betterment of BMS in Nepal



Handover of NRNA Blood Bus to NRCS Chitwan Blood Transfusion Service through Bharatpur Metropolitan



Screening of Blood Donors before Blood Donation in Dhangadi

Committee Members

S.N.	Name	Role	Designation	Country
1	Rabina Thapa	Head	President, NRNA	America
2	Vinay Adhikari	Co-Chair	Deputy General Secretary	UK
3	Pramod Situala	Co-Chair	Secretary, NRNA	USA
4	Lok Prasad Dahal	Member	Treasurer	Belgium
5	Fanindra Panta	Member	Treasurer	Netherlands
6	Suneel Sah	Coordinator for Madhesh Province Mobile Blood Bus	Treasurer	USA
7	Dr. Roshan Lal Shrestha	Member	Chair, NRNA BTS	USA
8	Yamuna Bhattarai	Member	Joint-Treasurer	USA
9	Tanka Gaire	Member	Joint- Treasurer	USA
10	Shiva Paudel	Member	President, NRNA NCC Japan	Japan
11	Dipak Gautam	Coordinator for Province 1 Mobile Blood Bus	President, NRNA NCC Canada	Canada
12	Dilip Kumar Pokhrel	Member		Australia
13	Niraj Panta	Member		USA
14	Amit Kattel	Member		USA
15	Renu Subedi	Member		USA
16	Laxmi Giri	Member	NCC President, Baharain	Baharain
17	Romiyen Limbu	Member		UK
18	Bishnu Baniya	Member		Japan
19	Mohamad Muktada Musalman	Coordinator for Lumbini Province Mobile Blood Bus	NCC President, Qatar	Qatar
20	Kunal Mishra	Project Coordinator	Officer, NRNA	Nepal

Advisors

S.N.	Name	Role	Designation	Country
1	Dr. Manita Rajkarnikar	Advisor	Past Director, CBTS, NRCS	Nepal
2	Dr. Hem Raj Sharma	Advisor	Vice President, NRNA	UK
3	Gouri Raj Joshi	Advisor	General Secretary, NRNA	USA



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