



AMERICA NEPAL  
MEDICAL  
FOUNDATION  
Advancing Healthcare in Nepal



# America Nepal Medical Foundation

## Report

### Project Update

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## A. ANMF project update of the year 2019/2020

### 1. Chauthe Community Health Center

The project Chauthe Community Health Center has been completed. The handover has been completed. The local authority of Chauthe has given us the letter of handover. The handover program could not be conducted due to this Corona pandemic situation. The local authority has promised to start a basic health check up in the center as it can be very beneficial in the times of Covid Pandemic.



Picture 1: Completed structure of Chauthe Health Center



Picture 2: ANMF-Nepal president (Dr. Bhupendra Basnet) visiting the site for final evaluation

## 2. ICU at Rapti Academy of Health Sciences (RAHS)

ANMF has handed over the cheque to RAHS to procure the equipments. The handover of the cheque was done in the Ministry of Health and Population (MoHP) with the presence of the health minister Bhanubhakta Dhakal, RAHS officials and ANMF members. RAHS has procured the required equipments and have set up the ICU. RAHS has procured 7 patient monitor, 1 center monitor and 1 ventilator for their ICU set up. ANMF handed over the amount just in the beginning of the corona pandemic from which people from all around Rapti could have benefitted.



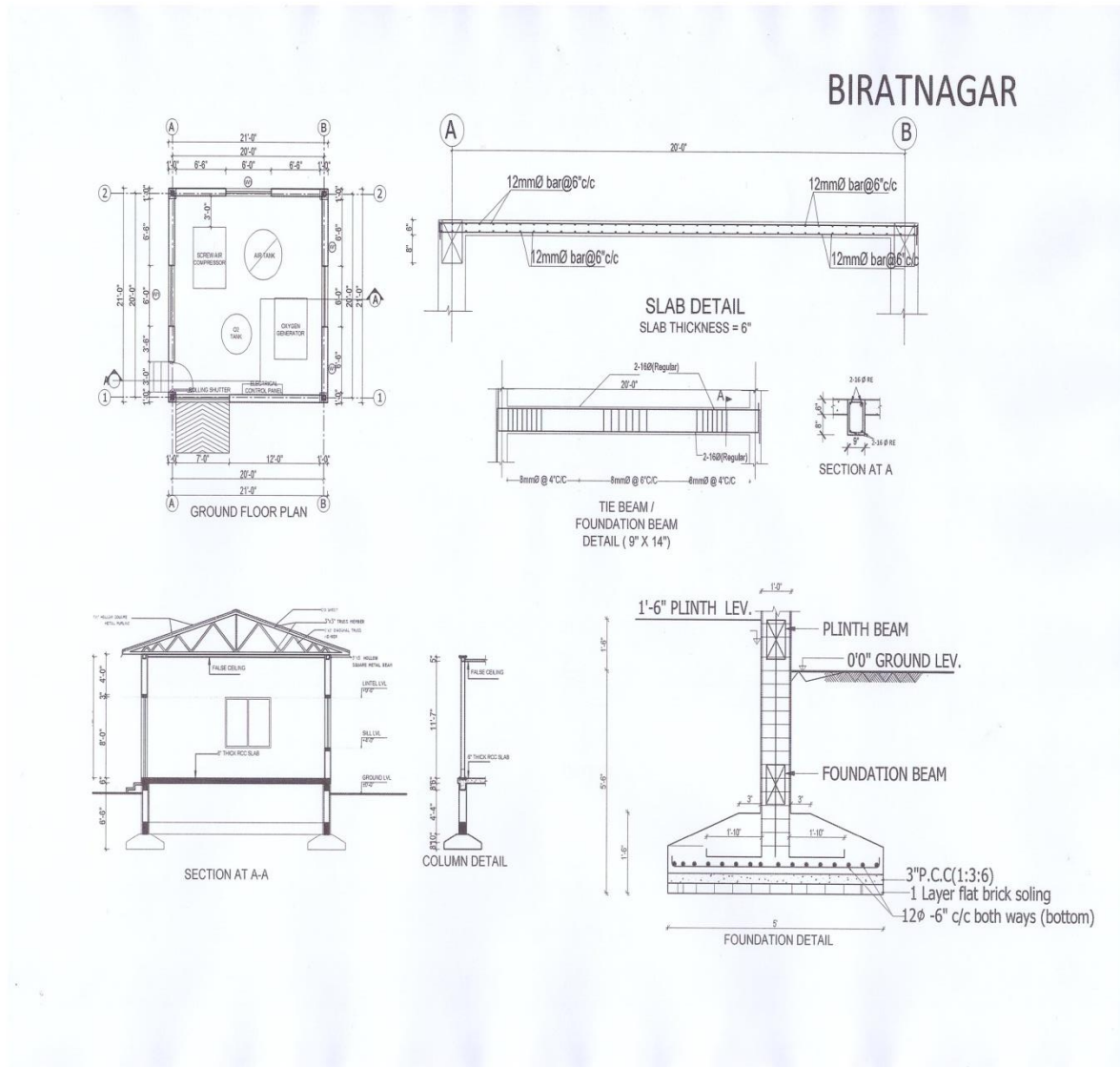
Picture 3: ICU equipments at RAHS



Picture 4: Handover of the Cheque at MoHP to RAHS

### 3. Oxygen plant at Koshi Hospital, Biratnagar

Tender process has finished and we have selected the vendor to procure the oxygen plant. Diagnochem International is the vendor that we had selected after being the lowest and eligible bidder for the oxygen plant on the date October 19, 2020. Diagnochem International has submitted the design for the foundation works. Diagnochem International has informed us it will take approximately 1 or 1 and half months for the oxygen plant to arrive after which we will handover it over to the Koshi Hospital, Biratnagar.



Picture 5: Design for the foundation works

#### 4. Bronchoscope Project at PAHS

The tender process has finished for the Bronchoscope and we have selected Himalayan Medical technologies (HMT) for being the lowest and most eligible bidder. HMT has promised that they will deliver the Bronchoscope to PAHS in a month. After the Bronchoscope will be delivered to PAHS we will hand it over to PAHS.

#### 5. Pediatric Critical Care fellowship

Dr. Puja Amatya went to Kanchi Kamakoti Childs trust Hospital, Chennai, India for a pediatric critical care fellowship. Dr. Puja's fellowship was for 2 years but due to some personal reasons she stayed for the duration of 1 year only which was from September 2018 to August 2019. The MOU was updated accordingly and the cheque was handed over to PAHS. PAHS will then hand over the amount to Dr.Puja Amatya for her fellowship.



Picture 6: Cheque was handed over to PAHS by ANMF-Nepal President Dr.Bhupendra Basnet which will later on be given to Dr.Puja Amatya

## 6. Rheumatology fellowship project

The tender process has finished for the Musculoskeletal Ultrasound and we have selected Sun Medical for being the lowest and most eligible bidder. Sun Medical has promised that they will deliver the Musculoskeletal Ultrasound to PAHS in a month. After the Ultrasound will be delivered to PAHS we will hand it over to PAHS.

Text books and reference materials for the Rheumatology fellowship has already been handed over. We had provided books as per the list provided PAHS.



Picture 7: Dr.Janak Koirala ANMF member handing over the books to PAHS

Rheumatology books list for National book center				
S.No.	Title	Author/Editor(s)	Publisher	Year of Publish
1	Rheumatology, 2-Volume Set 7th Edition	Marc C. Hochberg, Alan J. Silman	Elsevier	2018
2	Oxford Textbook of Rheumatology 4th Edition	Richard A Watts, Philip Conaghan, Chris Denton	OUP	2013
3	Imaging in Rheumatology: A Clinical Approach First Edition	Adam Greenspan, M. Eric Gershwin	LWW	2017
4	Dubois' Lupus Erythematosus and Related Syndromes, 9th Edition	Daniel Wallace & Bevra Hahn	Elsevier	2018
5	Rheumatology Secrets 3rd Edition	Sterling West	Mosby	2014

## 7. Corona Relief Effort in Nepal

As the Lockdown in Nepal started from April ANMF has started its relief works to help the prevention from Corona Virus in various different sectors that are stated below:

### i. PPE set, Gown, face shield and Masks:

We distributed these medical equipments at the beginning of lockdown in Nepal where there was a shortage of everything. Various different Hospitals and individuals have appreciated our effort for providing these equipments.

S.N	Name	Pieces
1.	PPE set	790
2.	N95 masks	3231
3.	Gown	713
4.	Face Shield	400

- ii. **Masks to residents:** We have distributed **1751 N95 Masks** to different residents all around Nepal for their individual safety in times of Covid.

S.N	Name of Institution	Mask	Gown
1.	PAHS	94	
2.	Lumbini Medical college	30	
3.	TUTH	340	40
4.	NAMS	410	
5.	Chitwan	100	
6.	Dhulikhel	30	
7.	BPKHS	360	100
8.	Pokhara	70	50
9.	Residents going outside the valley		35
10.	Prasuti	50	
11.	UCMS Bhairawa	100	
12.	Narayani Hospital, Birgunj	65	
13.	Kanti Hospital	60	
14.	Kathmandu Model Hospital	25	
15.	Nepal Medical College	52	
16.	Civil Hospital	4	
	<b>Total</b>	<b>1,751</b>	<b>225</b>

### iii. NCCDF training Program:

NCCDF had conducted a training program of “PPE use and Hand hygiene” and “Infection prevention and control training for doctors and Nurses of APF and Teku Hospital” which was funded by ANMF-Nepal



Picture 8: Use of PPE at Bir Hospital



Picture 9: Use of PPE set at TUTH



Picture 10: Lecture sessions at HAMS Hospital



Picture 11: Airway Skill training at Grande

### iv. Swab transportation Vehicle:

The swab collection vehicle made great progress. Swab transportation vehicle operated for 30 days collecting an average of 20 swabs per day. The vehicle came to a great use of the National Public Laboratory in Teku and Epidemiology and disease control division (EDCD). The vehicle collected samples, delivered RDT tests and different medical equipments. The Teku lab and EDCD has really appreciated ANMF for its help in this crucial time.

v. **Tele-consultation TUTH teaching Hospital:**

ANMF-Nepal also provided TUTH Teaching Hospital with a full set of computer and a mobile set to start a tele-consultation center which helps patients to connect with doctors online. Many applications like Facebook, Zoom, Viber are used to connect with the patients.



Picture 12: Picture of Teleconsultation center at TUTH

vi. **National Innovation center (NIC):**

ANMF-Nepal also wanted to support the innovative ideas which were preventing the spread of Corona Virus. NIC were providing sample collection booth which is a great help for sample collection and also for limited use of the PPE set in this crisis. NIC have been involved in various projects like Sample collection booth, UV radiation disinfection chamber, Intubation hoods and Robots. They have already handed over the sample booth to TUTH teaching Hospital, Bir Hospital, Teku Hospital, Army Hospital, APF Hospital and KMC. NIC has added 3D made swab sticks in addition to all its project. NIC were doing were various different projects which were helping to prevent the Corona virus from spreading. ANMF provided Rs.15,00,000 Lakhs in total to NIC.



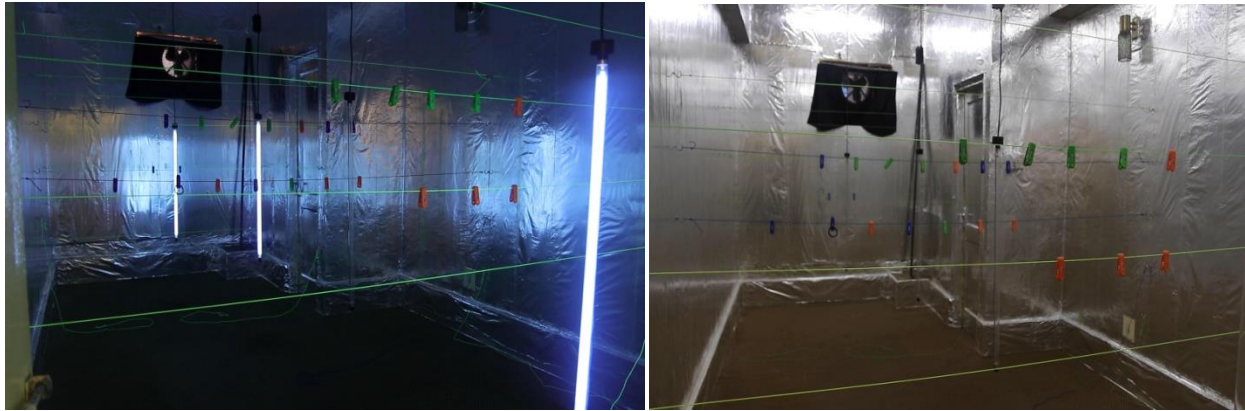
Picture 13: Handover of the Cheque to NIC



Picture 14: Sample collection booths by NIC in TUTH

**vii. Health Foundation Nepal (HFN):**

ANMF-Nepal also supported HFN with the amount of Rs.2,00,000 for the N95 decontamination UGVI chamber. HFN provided the N95 decontamination UGVI chambers to selected public hospitals to help them prevent the spread of Corona Virus.



Picture 15: N95 decontamination UGVI chamber at Bir Hospital

**viii. National Medical Association (NMA) training facilities:**

ANMF-Nepal provided NMA with the necessary equipments for the training facilities. ANMF set up the training facilities in order to conduct the online training programs for NMA. The training facilities are being used for different training and educational programs.



Picture 16: Training facilities at NMA

**ix. Powered air-purifying respirator (PAPR):**

ANMF-Nepal has bought 12 PAPR which ANMF have handed it over to different major institution dealing with Covid-19 patients. PAPR is used in ICU to protect from contaminated Air. PAPR were distributed to different Hospitals like TUTH, Bir Hospital, Patan Hospital, BPKIHS and Koshi Hospital.



Picture 17: Handover of PAPR at TUTH



Picture 18: Handover of PAPR at PAHS

**x. High Flow Nasal Cannula (HFNC):**

ANMF wanted to promote Oxygen therapy as we could see the lack of resources and difficulties facing by Hospitals because of it. ANMF handed TUTH teaching Hospital and Bir Hospital with 2 each HFNC.



Picture 20: Handover of HFNC at TUTH

**xi. 3M N95 masks to major public institution :**

As we could see the problems still facing by the hospital frontline staff lacking the safety equipments which was supposed to be provided by hospital administrations to prevent themselves from the virus. ANMF gave the major institutions of Kathmandu with high quality N95 from the 3M Company to be provided to the frontline hospital staffs.



Picture 21: Handover of 3M masks at Prasuti Griha



Picture 22: Handover of 3M masks at Bir Hospital



Picture 23: Handover of 3M masks at Kanti Hospital

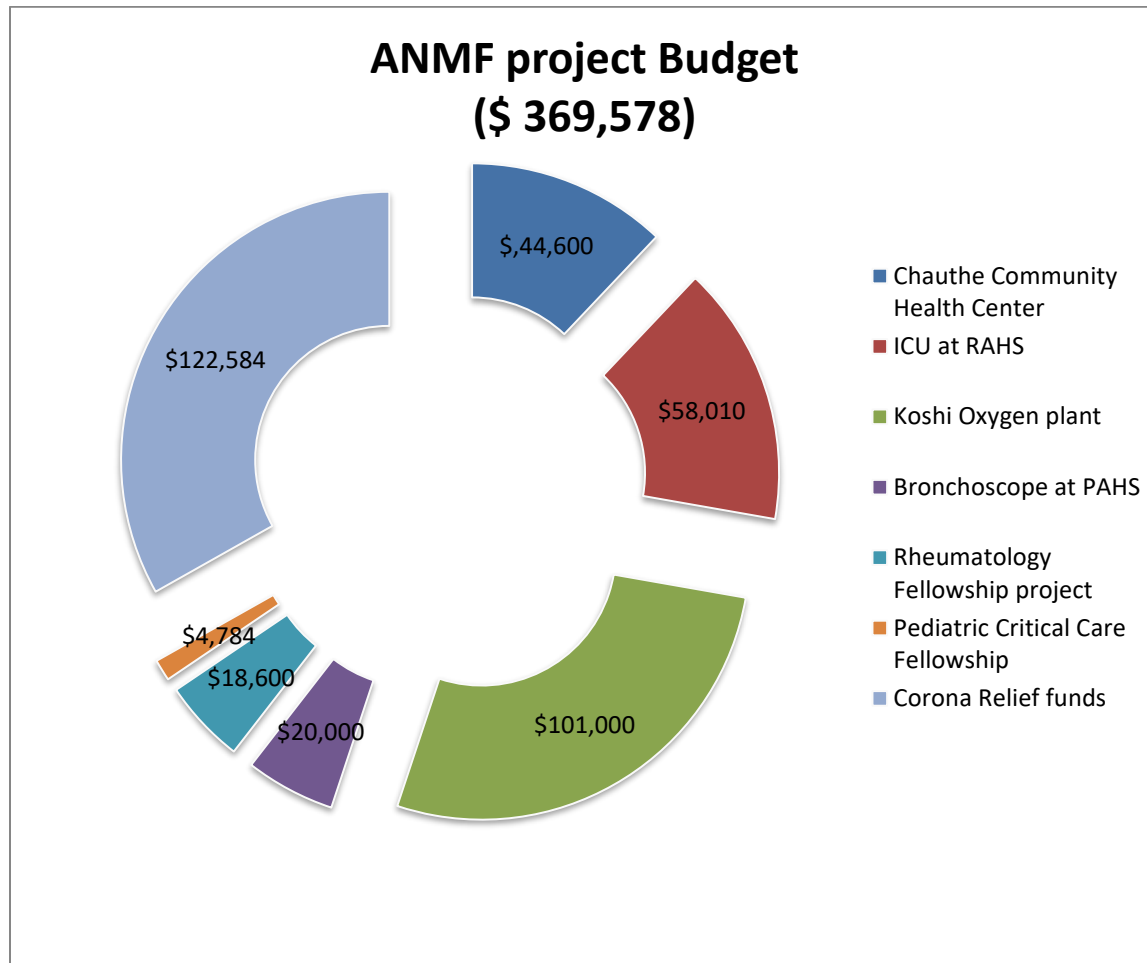


Picture 24: Handover of 3M masks at TUTH

3M N95 masks handover to different hospitals		
S.N	Name of Hospitals	Quantity
1.	TUTH	400
2.	Teku Hospital	400
3.	Kanti Hospital	200
4.	Patan Hospital	400
5.	APF Hospital	400
6.	Bir Hospital	400
7.	National Trauma Center	100
8.	Prasuti Griha	100
9.	Civil Hospital	200

## B. Financial Data for the projects 2019/2020

Here presented are the total amount of the funds were granted and to which project the funds were granted to. The Total funds that were transferred to ANMF-Nepal were \$369,578 which will be Rs. 4,36,97,161.



## C. Project Summary

<b>1. Chauthe Community Health Center</b>	
<b>Follow up date:</b> 2 <sup>nd</sup> December 2020	<b>Follow up person:</b> Ghana Nath (Chauthe ward number 3, President)
<b>Follow up comments:</b> Chauthe Community health center will start a basic health check up facility soon. Due to Corona, They weren't able to start the facility as they were running an isolation center in their local community school. Now, they are going to slowly stop the isolation center service in the community school and move their services to the health center. They have already requested for staffs for the health center from Kakani Gaupalika office. After their staffs arrive they will move their services to the health center.	

<b>2. ICU at RAHS</b>	
<b>Follow up date:</b> 10 <sup>th</sup> December 2020	<b>Follow up person:</b> Dr.Basanta Lamichhane (RAHS, Dean)
<b>Follow up comments:</b> Dr.Basanta informed that ICU was not in function in the times of the pandemic because of PCR testing lab being on the same floor as the ICU. Due to the lab being on the same floor the mobility was restricted in the Hospital. Now, they have been planning to shift the PCR testing lab to another place and start the ICU services. He informed that it may be ready to provide the services till mid January according to the discussion with Vice Chancellor.	

<b>3. Oxygen Plant at Koshi Hospital</b>	
<b>Follow up date:</b> 4 <sup>th</sup> December 2020	<b>Follow up person:</b> Bigyan (Diagnochem International, Oxygen plant vendor)
<b>Follow up comments:</b> Diagnochem has submitted the design for the foundation work for the oxygen plant. They will start the construction work soon and have informed that the oxygen plant will arrive in one and a half months. ANMF have urged Diagnochem International to deliver the plant as soon as possible as Koshi Hospital would highly appreciate it in this time of Corona Virus.	

#### 4. Bronchoscope at PAHS

**Follow up date:** 10<sup>th</sup> December 2020

**Follow up person:** Prawesh Koirala  
(Himalayan Medical Technologies, Bronchoscope vendor)

**Follow up comments:** Himalayan Medical Technologies (HMT) requested for an approval for an updated Bronchoscope model. The model HMT had provided the specification for had stopped manufacturing. HMT requested ANMF to approve for the new updated model. ANMF had a technical committee meeting where ANMF saw only slight changes which were within our original specifications. ANMF approved HMT for the new updated model and HMT informed they would deliver within 3-4 weeks.

#### 5. Rheumatology Fellowship at PAHS

**Follow up date:** 4<sup>th</sup> December 2020

**Follow up person:** Rejina Shrestha  
(Sun Medical, Ultrasound vendor)

**Follow up comments:** Sun Medical informed that they have ordered the Musculoskeletal Ultrasound from the company but due to the lack of flights it has been difficult for the equipment to be delivered. Sun Medical said it could take around 2-3 weeks for the delivery.

#### 6. Pediatric Critical Care fellowship

**Follow up date:** 4<sup>th</sup> October 2020

**Follow up person:** Dr. Puja Amatya  
(Pediatrics, PAHS)

**Follow up comments:** Dr.Puja has already returned from her fellowship and is practicing at PAHS. ANMF have already handed over the cheque to PAHS which will soon be transferred to Dr.Puja's account.

#### 7. Corona Relief Fund

**Follow up date:** 10<sup>th</sup> December 2020

**Follow up person:** Each individual in every project.

**Follow up comments:** As there are various projects under Corona relief fund would here are the follow up of the project

- I. **PAPR:** All the PAPR in every hospital has been used properly. As phones are not allowed in ICU the photo of health staff using PAPR has not been possible. (Dr.Bhupendra Basnet)
- II. **High flow Nasal Cannula (HFNC):** HFNC has been used by the ICU in both TUTH and Bir Hospitals.(Dr.Subhash Acarya and Bhupendra Basnet)
- III. **NMA training facilities:** The training facilities are being used for various different online training sessions and will be used for more online sessions like these. (Dr.Badri Neupane, General Secretary, NMA)