

BANDARAWELA DIVISIONAL HOSPITAL COVID TREATMENT FACILITY

EXPANSION PROJECT



Bandarawela Divisional Hospital Covid Treatment Facility (BDHCTF) Expansion Project - 2021

Needs Assessment:

The increasing incidence of Covid-19 infections in Sri Lanka's Uva Province (population >1 million) called for the urgent establishment of a second level treatment centre for covid positive patients in the Badulla District who were displaying symptoms.

At the time patients who required observation were provided for at three first level community facilities while patients with severe illness in need of tertiary care were treated at the Badulla Hospital.

The need for establishing a similar second level facility at the Bandarawela Divisional Hospital was identified, and its existing Mental Health Unit was converted into a 50 bed Covid specific facility. Clinical services include assessment and care for patients identified as PCR positive with symptoms and providing basic & high dependency care. The Unit is staffed by the pre-existing medical staff of the ward who remain on rotation along with specialist physicians utilizing equipment and appliances secured from other health facilities.

Despite the best efforts of the Ministry, the ability to provide all necessary facilities in such a short time frame was limited and as a result the Bandarawela Divisional Hospital Covid Treatment Facility (BDHCTF) has inadequate space, treatment facilities, staff and a multiplicity of other needs including equipment required for mainstay care such as oxygen therapy.

The care and concern of the doctors, nurses and other medical staff involved in this ward has far exceeded a duty-bound obligation to their patients and they, together with the Provincial Director, have taken the time and effort in the midst of their vital role in safeguarding the lives of the patients, to reach out voluntarily to members of the community to rally the general public towards developing the Covid Facility to provide better care for more people in need of essential life-saving measures. Our heartfelt appreciation goes out to all doctors and nursing staff for carrying out such difficult tasks under trying conditions.

An initial connection with Professor Nalaka Mendis (Emeritus Professor of Psychiatry, University of Colombo) made way for a meeting of minds with many community-focused benefactors and with his guidance, a group of philanthropic individuals and organizations from around the world came together voluntarily, in an example of the global community uniting to helping each other to rise and overcome insurmountable obstacles, at a time of great need and urgency.

Project Goals:

Providing the necessary capabilities to manage the patient symptoms and provide the necessary care to prevent patient conditions from deteriorating further (to a point that they will need intensive care).

These goals will be achieved by way of the following steps:

- **Expanding the physical structure and capacity of the ward**
- **Improving the capacity/ quality of care through the provision of medical equipment**
- **Improving the infrastructure of the ward through the provision of non-medical equipment**

Progress:

- **Rs. 15,511,513.12 has been raised in total of which Rs. 13,891,941.51 has been utilised.** (For more details please refer to Appendix B)
- To date over 1,500 patients who received care at the BDHCTF have recovered and returned to the community.
- The bed strength has been increased to 140
- Procurements: Based on a list of needs provided by the BDHCTF authorities, Two Leaves Trust has facilitated the procurement of the necessary non-medical items and appliances while the College of Internal Medicine has procured the medical equipment. (Please refer to Appendix A for a list of partnerships and stakeholders)
- The quality of care and patient services has improved due to the expansion and increased capacity of the facility due to new appliances and equipment provided (for further details on equipment donations, please refer to Appendix C).

Accounting and Reporting:

- These facilitating organisations (Please refer to Appendix A) provided periodic reports and statements of accounts.
- The Health authorities provided a statement of receipts for purchases made under the control of the institution.
- These reports will be circulated among the oversight committee and where necessary brought to the notice of the public.

***Special Note: In case there is a shortfall in donations, the oversight committee will take decisions to prioritize donations based on the needs of the Institution.**



Appendix A

Partnerships and Stakeholders

Oversight Committee:

- **Professor Nalaka Mendis** - Emeritus Professor of Psychiatry, University of Colombo
- **Dr. Naj Nagendran** - Specialist in Occupational Medicine and Trustee, Foundation of Goodness
- **Mr. Kushil Gunasekera** - Founder/ Chief Trustee, Foundation of Goodness
- **Mr. Somasundaram Skandakumar** - Oru Paanai Trust (UK & Sri Lanka)
- **Mr. Manik Jeyakumar** - Founder Q Trade Teas & Herbs
- **Mr. Felix Stephen** - Chairman of the Board of Directors, VACD Ltd. (Volunteers to Assist Children with Disabilities Limited)
- **Dr. Erosha Premaratne** - President, Australia Sri Lanka Medical Aid Team (AUSLMAT) Endocrinologist and General Physician, Austin Health, Northern Health and Warringal Private Hospitals, Melbourne Australia
- **Retd. Col. R M Kumarasinghe** – Secretary, VACD Ltd. Sri Lanka
- **Dr. Harsha Sathischandra** – President, Sri Lanka College of Internal Medicine
- **Dr. Priyamali Jayasekera** - Treasurer, Sri Lanka College of Internal Medicine
- **Dr. Roshan Piyarathne** – Physician Divisional Hospital Bandarawela
- **Dr. Janitha Tennekoon** – Provincial Director of Health Services – Uva

Management of Funds and Purchase of Medical Equipment:

- College of Internal Medicine

Management of Funds and Purchase of Non-Medical Equipment

- Volunteers to Assist Children with Disabilities Ltd.
- Two Leaves Trust

Special Assistance:

- Dr. Janitha Tennakoon - Provincial Director of Health Services
- Dr. Leelananda Gallage - DMO Bandarawela
- Acting Physician Bandarawela Hospital
- Dr. Upul Ranasinghe - Senior Medical Officer, Bandarawela Hospital
- Dr. Roshan Piyaratne - Consultant Physician in Charge - Bandarawela Hospital Covid Facility

* Special thanks to the Foundation of Goodness for coordinating the activities.

Appendix B

Funding and Utilisation

SUMMARY OF FUNDS

	LKR
Funds Collected	
Volunteers to Assist Children with Disabilities	1,050,000.00
Foundation of Goodness	9,706,032.12
Mr. Skandakumar/ Oru Paanai Trust	4,240,000.00
Other	515,481.00
Total Funds Collected	15,511,513.12
Funds Utilised	
Two Leaves Trust	765,331.00
College of Internal Medicine	13,126,610.51
Total Funds Utilised	13,891,941.51
Funds Remaining	1,619,571.61

Appendix B

Funding and Utilisation

DONOR DIRECTORY

Volunteers to Assist Children with Disabilities

- Arrive Wealth Management
- Mohil Asija
- Herman Atmadia
- Galappaththige de Silva
- Roderick de Silva
- Nalini de Sielvie
- N. Ekanayake
- S. Ekanayake
- Jude Fernando
- Max Forster
- Phil Haeney
- Sujatha Jayasinghe
- Gopinath Karunakaran
- Dr. Mahendrarajah
- Robert Mann
- Kevin Melder
- Eleanor Milner
- Sheila Murphy
- Sabena Peterson
- Phil Quinton
- Felix & Yasmin Stephen
- Sitti Muthiara Teget
- Gabriella Vascotto

Donations in Kind

- AUSLMAT
- Dr. Gopi Kumar/ MJF Foundation
- Candy and Piyal

Mr. Skandakumar/ Oru Paanai Trust

- Sharmini Mahendran
- Dan Mukunthan
- Padmanabhan
- Felix Perumal
- Anila and Romesh Bandaranaike
- Vernon Tissera
- Eddie Wijesuriya
- Sarala Fernando

Foundation of Goodness

- Dr. Asokan
- Sal De Silva
- Manik Jayakumar
- Dr. Ralph Menezes
- Devin Nagendran
- Dr. Naj Nagendran

Other

- Sunshine Foundation/ Mr. Govindasamy
- Sunil De Alwis
- Monohari Jayendran
- Dr. Amarasiri Liyanage
- Dr. Sivakumaran

Appendix C

Items Purchased/ Donated

ITEMS PURCHASED

Medical Equipment

Medical Equipment	Amount in LKR
Round 1 of Purchases	
Oxygen Concentrator x 4	840,000.00
Sucker Machine (Double Jar) x 4	740,000.00
ECG Machine (Single Channel) x 1	90,000.00
Mini Autoclave x 1	480,000.00
BiPAP/CPAP x 2	2,780,000.00
Masic Multipara Monitor x 4	1,100,000.00
Round 1 Sub Total	6,030,000.00
Discount	300,000.00
Round 1 Total	5,730,000.00
Round 2 of Purchases	
Ambu Bag x 2	54,000.00
ICU Multipara Monitor x 1	880,000.00
Mobile US Scanner with Echo Probe + Printer x 1	2,775,000.00
Defibrillator x 1	925,000.00
Syringe Pump x 5	900,000.00
Infusion Pump x 3	255,000.00
Pulse Oximeter x 2	220,000.00
10l Oxygen Cilinder with Oxygen x 2	70,540.00
47l Jumbo Oxygen Cylinder with Oxygen x 2	117,344.40
Medical Oxygen Regulator x 2	52,920.00
BGS x 1	500,000.00
BG Consumables 3/12	646,816.11
Round 2 Total	7,396,620.51
Total Expenditure	13,126,620.51

Non-Medical Equipment

Non Medical Items	Amount in LKR
Bed Sheets x 200	95,000.00
Pillows x 100	30,000.00
Header Juk x 10	12,500.00
Plastic Chairs x 100	135,000.00
Plastic Arm Charis x 14	30,100.00
Office Tables x 2	25,000.00
Plastic Tables x 3	18,000.00
Rexine x 200m	95,000.00
Face Shields x 100	15,000.00
Toly (Medicine) x 2	14,000.00
Shoe Racks x 6	7,800.00
Masks x 1000	40,000.00
Visitor Chairs x 12	87,300.00
Medicine Cupboards x 2	61,350.00
High Concentrations Masks with Reservoir Bag x 100	75,000.00
Pedestal Fans x 4	24,281.00
Total	765,331.00

Appendix C

Items Purchased/ Donated

DONATIONS IN KIND

AUSLMAT (Valued at Rs. 5,481,000/=)

- 2 x F&P Airvo2 Machines + 40 accessory sets
- 1 x Glucometer
- 10 x Fingertip Oximeters
- 1 x Resmead Steller (BiPap) + 6 non-vent masks and filters
- 2 x Oxygen Concentrators

Other

- 6 Wheelchairs
- 1 Nebuliser
- 5 Handheld Nebulisers