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# **ANNUAL REPORT 2017-18**

**Truly affordable care**

# **THE VOLUNTARY HEALTH SERVICES (REGD)**

Registered under the Societies' Registration Act  
(Central Act XXI of 1860) S.No.72 of 1958  
Adyar, Chennai 600 113

**Founder: Dr. K.S. Sanjivi**

## **OFFICE BEARERS FOR THE YEAR 2017-18**

(as on 31 March 2018)

**President: Dr. M.S. Swaminathan**

## **BOARD OF TRUSTEES**

Dr. M.S. Swaminathan

Mr. R. Rajagopal, Managing Trustee

Dr. A.C. Muthiah

Dr. M.C. Vasudevan

Mr. D. Hariprasad

Mr. G.N. Damani

Mr. R.T.Chari

Mr. S.S.R. Rajkumar

Mr. Venu Srinivasan

Ms. K.S. Lakshmi

Ms. Mallika Srinivasan

Mr. K.V. Ramana Shetty

The Accountant General - I, Government of Tamil Nadu

The Advocate General, Government of Tamil Nadu

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**MEMBERS OF THE CENTRAL COMMITTEE**  
(as on 31 March 2018)

Dr. M.S. Swaminathan  
*President*

Mr. R. Rajagopal  
*Managing Trustee*

Prof. S. Suresh  
*Honorary Secretary*

Mr. J. Srinivasan  
*Honorary Treasurer*

Dr. J. Balasubramanian  
Dr. K. Sivakumar  
Dr. M.C. Vasudevan  
Dr. Mani Veeraraghavan  
Ms. C. Sivasankari  
Ms. K.S.Babai  
Dr. Sandeep Murali  
Dr. Uma Ram  
Mr. B. Selvarajan  
Mr. Kailashmul Dugar  
Mr. N. Gopalakrishnan  
Mr. N. Kasturi Rangan  
Mr. S. Venkitaramanan  
Mr. R.S. Falor  
Mr. R.S. Murti  
Mr. R.S.S. Manian  
Mr. S. Athmaram Bhatt  
Mr. S.S.R. Rajkumar  
Mr. Sriram Panchu  
Mr. V. Mahaveerchand Jain  
Mr. Kasturi Balaji  
Mr. K.V. Ramana Shetty

Dr. A. C. Muthiah  
Mr. D. Parthasarathy  
Mr. G.N. Damani  
Mr. R.N.Damani  
Mr. P.L.N. Raghukumar  
Mr. P.R. Venkatachalam  
Mr. R.T. Chari  
Mr. Vivek Chari  
Ms. Kamala Achi  
Dr. S. Parthasarathy  
Dr. Ramesh Chandrasekaran  
Mr. Vinod Kumar  
Dr. Vasuda Rajasekhar  
The Advocate General (TN)  
The Collector of Chennai  
The Chairman, Madras Chamber of  
Commerce and Industry

**MEMBERS OF SUB-COMMITTEES**  
(as on 31 March 2018)

**Administration and Accounts Sub-Committee**

|                            |                      |
|----------------------------|----------------------|
| Mr. R. Rajagopal, Chairman | Prof. S. Suresh      |
| Mr. J. Srinivasan          | Mr. B. Selvarajan    |
| Mr. N. Gopalakrishnan      | Mr.N. Kasturi Rangan |
| Mr. S. Athmaram Bhatt      |                      |

**Projects Sub-Committee**

|                            |                   |
|----------------------------|-------------------|
| Mr. R. Rajagopal, Chairman | Prof. S. Suresh   |
| Mr. J. Srinivasan          | Mr. Sriram Panchu |

**Hospital Development Committee**

|                                 |                           |
|---------------------------------|---------------------------|
| Dr. S. Parthasarathy – Chairman | Dr. S. Janaki             |
| Prof. S. Suresh                 | Dr. Joseph D. Williams    |
| Mr. N. Gopalakrishnan           | Dr. V. Parthasarathy      |
| Mr. J. Srinivasan               | Dr. V. Senthilkumar       |
| Dr. M.C. Vasudevan              | Dr. Sandeep Murali        |
| Dr. J. Balasubramaniam          | Dr. Ramesh Chandrasekaran |
| Dr. Naseem P. Amir              | Dr. Sarala Gopalan        |

**Blood Bank Sub-Committee**

|                        |                       |
|------------------------|-----------------------|
| Dr. S. Suresh          | Mr. R.Rajagopal       |
| Mr. J. Srinivasan      | Mr. D. Chandrasekaran |
| Dr. J. Balasubramaniam | Ms. Bhanu Raghunathan |

# OUR TEAM

Attached to the Voluntary Health Services Medical Centre as on 31 March 2018

## GENERAL ADMINISTRATION

Prof. S. Suresh, MBBS, FRCOG (hon), D.Sc. (Hon)

*Honorary Secretary*

Dr. S. Janaki, MD, DGO

*Director Clinical & Academic Affairs*

Dr. Joseph D. Williams, MD, MPH

*Director (Projects)*

Ms. Malini Balakrishnan, B.Sc., DHHA

*Officer on Special Duty*

Mr. PL. Muthu

*General Manager (Hospital Services)*

Mr. Arul

*Manager (Industrial & Labour Relations)*

## GENERAL MEDICINE

Dr. Ramesh Chandrasekaran, MD, MRCP(UK)DTM & H (Lond), Fellow in Diab MRI

Dr. Saroja Srinivasan, MBBS

Dr. Sarojini Hariharan, MBBS

Dr. K.V. Rajeswari, MBBS

Dr. Shameeza R. Quathoon, MBBS

Dr. L. Sriram, MBBS

## GENERAL SURGERY

Dr. S. Debashish Roy, MS

Dr. V. Parthasarathy, MS

Dr. Badrinarayanan, MS

Dr. Balasingh Hillary, MS, FRCS

Dr. Sandeep Murali, MS, FRCS Dip NBE (GS)

## SURGICAL GASTROENTEROLOGY

Dr. Mahesh Sundaram, DNB (GS), DNB (GI Surg), FIAGES – Honorary, Visiting Consultant

## OBSTETRICS & GYNAECOLOGY

Dr. S. Janaki, MD, DGO

Dr. Sarala Gopalan, FRCOG, PhD(OG), FAMS

Dr. Snehalatha, MD, DGO

Dr. Esakkiammal, B.Sc., MD, DGO

Dr. K. Pushpalatha, DGO

Dr. Naseem P. Amir, MRCOG, DNB(OG)

Dr. Kalaipriya, MBBS, DGO

## INTENSIVE CARE UNIT

Dr. V. Senthilkumar, MBBS, DNB

Dr. Amrose Pradeep, MBBS, Fellow in HIV Medicine

Dr. S. Sadhvia, MBBS

Dr. M. Raja, MBBS, DNB

Dr. Smruthi, MBBS

## **Empanelled**

Dr. Rukmani, DGO, DNB (OG)  
Dr. Chithra Shankar, MD(OG), DNB (OG)  
Dr. Meera V.V. Ragavan, MD, DNB, MRCOG

## **LAPAROSCOPY**

Dr. Sandeep Murali, MS, FRCS, Dip NBE (GS)  
Dr. Balasingh Hillary, MS, FRCS  
Dr. Naseem P. Amir, MRCOG, DNB (OG)

## **PLASTIC SURGERY**

Dr. T. C. Chandran, MBBS, MS. M.Ch (Plastic)

## **UROLOGY**

Dr. Gopinath, DNB (General Surgery)  
DNB (Urology)

## **Empanelled**

Dr. N. Raghavan, MS (GS), FRCS (GS)  
Dr. Sivakumar (Uro oncology), FRCS (Urology)  
PG in teaching & Learning, Fellowship in laparoscopic  
& Robotic surgery

## **NEUROLOGY & REHABILITATION**

Dr. S. Vijayakumar, MBBS, DPM  
Dr. Lakshmi Vijayakumar, DPM, Ph.D.  
Dr. Sasikala Kannan, MBBS, DCN (Lond)  
Dr. N.D. Ramanujam, MD, FACP, FRCP, FIMSA  
Dr. N. Gowri Bsc, MBBS, DCP  
Dr. Vinayak Vijayakumar, MBBS, DPM, M.D.,  
M Sc (Drug abuse)  
Prof. Subbulakshmy Natarajan, MBBS, DCN,  
PhD, FRCP (Edin)  
Dr. James Devasagayam, M.Phil (Clin. Psy),  
Ph.D  
Vivek Misra, MS (Neurosciences), MIAN  
Poornima Rajan, M.Phil (Clin. Psy)

## **ANAESTHESIOLOGY**

Dr. Rajalakshmi Velayudam, MBBS, DA  
Dr. Venkatesh, MBBS, DNB (Anaes)  
Dr. Akila Suresh, MBBS, DA

## **Empanelled**

Dr. Shinu Abdul Rasheed, MD (Anaes)  
Dr. Devachandran Jeyakumar, MD (Anaes)  
Dr. Rozally Rout, DA  
Dr. Neelima, MD (Anes) MRCA (UK)  
Dr. Vasudevan, MD, MNAMS.

## **NEPHROLOGY**

Dr. S. Baskaran, MD, DNB (Neph)

## **CARDIOLOGY**

Dr. N. Subramaniam, MD (GM)  
DM (Card), FACC, FRCP  
Dr. Padma Chari, MBBS

## **NEUROSURGERY**

Dr. M.C. Vasudevan, MD, DNB (NS)  
Dr. Shyamsunder Krishnan, MBBS, MS (GS), M.ch (NS)

## **EMERGENCY AND TRAUMA CARE**

Dr. S. Balu, MBBS, D(Ortho), M.S.(Ortho), Dip. Diabetes, Dip  
F.P.G.P.VTS, Substance misuse

## **BLOOD BANK**

Dr. J. Balasubramaniam, MBBS  
Dr. V. Mythili, MBBS, DCP  
Dr. Venkata Desikalu, MD, DCH  
Dr. Varadarajan, MBBS

## **HAEMATOLOGY**

Dr. Revathi Raj, DCH,MRCP (Paed), MRCP (Path)

## **OPHTHALMOLOGY**

Dr. S. Parthasarathy, M.S, DO  
Dr. Indumathi Sridhar, MBBS, DNB  
Dr. S. Vidya  
Dr. Nivean

## **PSYCHIATRY**

Dr. S. Vijayakumar, MBBS,DPM  
Dr. Lakshmi Vijayakumar, DPM, Ph.D  
Dr. R. Mani, MBBS  
Dr. Vinayak Vijayakumar, MBBS, DPM, MD  
(Psych)

## **ULTRASONOGRAPHY**

Prof. S. Suresh, MBBS, FRCOG(Hon) DSc(Hon)  
Dr. Anitha, MBBS

## **COMMUNITY HEALTH**

Dr. Joseph D. Williams, MD, MPH  
Dr. A.K. Kalaichelvan, MBBS

## **INFERTILITY CLINIC**

Dr. Sathya Balasubramanyam, MD, DNB, MRCOG,  
FNB (Reproductive Medicine)

## **DEPARTMENT OF CLINICAL RESEARCH**

Dr. K. Priya, PhD

## **DIABETOLOGY**

Dr. C.V. Krishnaswami, FRCP (E), FAMS, DTM&H  
(Edin)  
Dr. Ramesh Chandrasekaran, MD, MRCP (UK) DTM &  
H (Lond) , Fellow in Diab MRI  
Dr. A. Srivatsa, MBBS, CCDE Fellow in Diab  
Dr. Saroja Srinivasan, MBBS  
Dr. Shobana Anojan, MBBS  
Dr. A. Ganesan, MD  
Dr. Arasu Mohan, MBBS, Fellow in Nephrology  
Dr. N. Sivakumar, M.D, DM (Nephrology)

## **HIV/AIDS**

Dr. Sunil Suhas Solomon, MBBS, PhD, M.P.H  
Dr. Kumaraswamy PhD, Fellowship in Infectious  
Diseases

## **DEPARTMENT OF ENDOCRINOLOGY**

Dr. Usha Sriram, AB (Endocrinology and Metabolism)  
Dr. Srividhya Venkataraman, M.D (USA),  
AB(Endocrinology and Metabolism)  
Dr. Jayashree Gopalan, M.D (USA), AB(Endocrinology  
and Metabolism)  
Dr. Ashok Mohan

## **DEPARTMENT OF CHILD HEALTH (Unit- I)**

Dr. Rex Sargunam, MD, DCH  
Dr. Janaki Mahadevan, MBBS

## **DEPARTMENT OF CHILD HEALTH (Unit – II)**

Dr. Binu Ninan, DCH,MD, DNB, MRCH MRCPCH  
Dr. S. Thangavelu, MD, MRCP, MRCPCH  
Dr. Shaik Mohammed Shafi Jan, MD



## **DEPARTMENT OF MEDICAL ONCOLOGY**

Dr. Sankar Srinivasan, AB, FACP, AB (Medical Oncology) AB (Int Medicine) AB (Hemat )

Dr. C. Harish, MBBS, DNB (Paediatric)  
Dr. C. Ashok, MD, DNB (Neonatology)  
Dr R Shanmugasundaram MD DCH  
Dr. P. S. Rajakumar, MD, DNB, MRCPCH  
Dr. V.K.Swamy MBBS, MRCPCH  
Dr. Anbezhil Subbarayan MBBS, MRCPCH  
Dr. P. Balamourougane, MS, MCH  
Dr. Karpaga Vinayakam, MS, MCH  
Dr. Thambarasi, MD  
Dr. Pramod, MBBS  
Dr. Sasidharan. MBBS, MD  
Dr. Julius xavier scott MD, D.CH, DNB Pediatrics, FPHO (Australia)  
Dr. Dhanasekhar kesavelu. MD, MRCPCH

## **DEPARTMENT OF SURGICAL ONCOLOGY**

Dr. Kadiresan, MS (GS), DNB (GS)  
MCH (Surgical

Oncology)

Dr. Kannan, MS ENT Fellow (Head & Neck

Oncology)

Dr. Sriprakash Duraisamy, MS (Otolaryngology)  
MCH (Head & Neck

Oncology)

## **METABOLIC AND GENETICS**

Dr. Sujatha Jagadeesh MD.  
Dr. Umamaheswari. MD, MRCPCH.

**The Services of the doctors of Sri Ramachandra Medical College are available in the following departments:**

1. Orthopaedics
3. ENT
5. General Medicine

2. Dermatology
4. Tele-Radiology

## Secretary Speaks

Dear **Members of the Board of Trustees, Central committee,**

Another year has passed in the glorious history of “**Namma VHS**” and once again the time has come to take stock of what we have done over the past one year and I am happy to share with you some of our key achievements during the year. For the patients who seek our help, VHS has continued to provide truly affordable care and has provided the “healing touch” and brought about a smile in many of the patients faces. This has been possible by our dedicated team of consultants, Honorary and empanelled doctors, staff nurses and support staff who continue to work from their heart in the service of the community.

The past year has had its fair share of joys and sorrows for VHS. During the year VHS lost one of its foremost consultants **Prof.Krishnamoorthy Srinivas**, a doyen in the field of Neurology and one of the greatest Neurologists of our times. He has served VHS for over five decades and established the T.S. Srinivasan Institute of Neurology. He will always be remembered for the high professional standards he set for himself and his team. He has left an indelible mark in our minds. **Dr Prema Krishnaswamy**, a renowned Obstetrician & Gynecologist who was associated with VHS for several decades also passed away during the year. On behalf of VHS, I wish to place on record our sincere thanks for their contributions to our institution. They will remain in our minds and hearts forever.

Change, they say, is the only constant thing in life. And indeed VHS is going through a phase of reinventing itself and renewing its pledge to serve the community better. A strategic task force has been established under the leadership of Mr Kasturi Balaji, a Central committee member. This task force has put in significant effort in creating the new road map for “Namma” VHS .

As of March 31<sup>st</sup> 2018, **Prof C.V Krishnaswami** , Chairman TAG-VHS Diabetes Research Centre retired after 51 years of service to VHS. His vision of providing free care for Type 1 Diabetes patients has been a path breaking approach and hundreds of children have benefitted by this service. The journey continues on the path that he and his team have laid for us. I sincerely thank him for the services rendered. The TAG-VHS DRC department has now been renamed as the TAG-VHS Endocrine & Diabetes Centre. On behalf of VHS I extend a warm welcome to Dr Usha Sriram, a senior endocrinologist and her team to take the department to greater heights.

Another milestone we have reached is the establishment of a “**nakshatra**” Centre along with **REACH** to provide free care for tuberculosis. Over 100 patients have been identified and are being treated. With this we have refocused on our roots and rededicated ourselves to the path of our Founder Dr K.S.Sanjivi who laid the foundation for Tuberculosis diagnosis and treatment at VHS.

The upgraded ophthalmology department – **TAG-VHS Retina centre** is doing excellent work in **vitreo-retinal** diseases at extremely affordable costs. During the last year, several international papers were published by the Neurosurgery, Neurology and the TAG-VHS DRC departments. We take pride in our DNB programs in Neurosurgery, Obstetrics & Gynecology and General surgery. The students have faired very well and get excellent training at VHS. My deepest regards to the dedicated teachers.

The journey of VHS over the last 60 years would not have been successful but for the support received from our donors and well-wishers. I would also like to thank the **Rotary Club of Madras Metro** for their continuing support to VHS.

-- **Prof. S.  
Suresh**

# ANNUAL REPORT FOR THE YEAR 2017 – 18

## FINANCIAL HIGHLIGHTS

### Income and expenditure for the year ending

| Particulars                              | March 31,2018   | March 31,2017   |
|--|-----------------|-----------------|
| <b>Income</b>                            |                 |                 |
| Revenue                                  | 875.09          | 672.44          |
| Sale of drugs                            | 258.26          | 220.02          |
| Donations                                | 132.34          | 97.68           |
| Government grant                         | 12.73           | 35.95           |
| Other income                             | 68.71           | 115.9           |
| <b>Total Income</b>                      | <b>1347.13</b>  | <b>1141.99</b>  |
| <b>Expenditure</b>                       |                 |                 |
| Establishment charges                    | 822.37          | 772.47          |
| Drugs purchases                          | 170.46          | 136.79          |
| Direct costs                             | 221.61          | 240.82          |
| Other expenses                           | 145.47          | 163.55          |
| <b>Total Expenditure</b>                 | <b>1359.91</b>  | <b>1313.63</b>  |
| Cash loss                                | (12.78)         | (171.64)        |
| Depreciation                             | 209.48          | 165.14          |
| <b>Excess of expenditure over income</b> | <b>(222.26)</b> | <b>(336.78)</b> |

The Society has ended up with an excess of expenditure over income by 222.26 Lakh (2016-17:Rs. Rs.336.78 lakh) with a cash deficit of Rs.12.78 lakh (2016-17: Rs. 171.64 lakh).

Donations received by the Society during the year totalled Rs. 392.57 lakh (2016-17 Rs.514.33 lakh), besides Rs.1.76 lakh (2016-17: Rs. Rs.1.97 lakh) by way of individual foreign contributions. The list of donations received as well as particulars of Specific Endowments and details of the Reserve Fund of the Society as on 31 March 2018 are appended.

Out of the above donations, the amount received for Medical Sciences Research activities during the year was Rs.108.35 lakh (2016–17: Rs. 112.29 lakh).

Appended are the Auditors' Report and the Balance Sheet of VHS as on 31 March 2018, and the Income and Expenditure Account of the institution, for the year 2017-18.

## SOCIETY's ACTIVITIES

The **59<sup>th</sup> Annual General Meeting** of the Society was held on 26 September 2017 at VHS. As on 31 March 2018, there were 929 Patrons and 68 Life Members. During the year under report, the Central Committee met 5 times.

The **25<sup>th</sup> Anniversary Celebrations of the Rajaji Centre for De-addiction** were celebrated on 3 June 2017 at the Music Academy. The recovered patients with their family members attended the function at which Sri S.P.Balasubramiam, the renowned singer was the Chief Guest. On 12 January 2018 a camp was conducted at Sri Ramakrishna Mutt , charitable dispensary and diagnostic centre at Meyyur , Thiruvallur District where the spouses of addicted persons were addressed.



On 7 July 2017, a camp was conducted by the De-addiction Department for the students at Lady Nye MRTI Special Higher Secondary, Guilders Services, Pallipattu.

An International Conference on **Auditory Brainstem Implant** Surgery was held between 7<sup>th</sup> to 9<sup>th</sup> Feb 2018 at

the K.S. Sanjivi Auditorium.

On Children's Day a "Free Paediatric Health Check Up" was conducted on 14 November 2017 at the VHS ABHIMANYU BLOCK. The number of children who benefited from the camp was 68.



The Dr.K.S.Sanjivi Memorial Relaxation Centre was inaugurated on by Professor M.S.Swaminathan. Dr. Lion D. S. Ramaiah, a senior citizen contributed it. The facilities available include carrom board, chess and some traditional indoor games. The Centre also has a swing, a meditation area and with greenery nurtured around.



The 10<sup>th</sup> Annual Day of the Cardiology Department with 3rd **Meena Subramaniam Oration** was held on 6 October 2017 at the K.S. Sanjivi Auditorium. Dr.J. Radhakrishnan, IAS, Principal Secretary to the Government Health and Family Welfare Department, Government of Tamil Nadu was the Chief Guest.

## 5. NEW INITIATIVES

During the year under report, VHS has entered into significant arrangements with other organizations with similar purposes of charity for extending its umbrella of services.

### **TIE UP with CANCARE**

A Memorandum of Understanding has been entered into with CANCARE FOUNDATION, a Public Charitable Trust for the purpose of rendering palliative care to the terminally ill cancer patients. As part of the arrangement, the terminally ill cancer patients will be taken care of at VHS at a nominal bed charge.

### **CENTRE FOR EXCELLENCE IN RARE DISORDERS**

CERD proposes for the first time in India a holistic approach to the treatment of children and adults affected with genetic disorders by Multi-Specialty Specialists. Generally, those suffering from genetic disorders face multiple disabilities requiring care from various Specialists. The unit was inaugurated on 28 Feb 2018.

FCRF approached VHS for setting up the above CERD at its premises .The rationale of CERD being housed in a Multi-Specialty hospital like VHS is that it will facilitate health care access more affordable to the affected persons and all the required facilities available under a single roof.

### **REACH**

VHS has partnered with REACH (Resource Group for Education and Advocacy for Community Health) to enable subsidised treatment for patients with Tuberculosis. As per the engagement, VHS shall provide subsidised consultation for patients referred through REACH and also render investigation and diagnostic services as per the requirements of the patients. VHS started its consultations for patients effective October 2017 and many patients have been benefitted through the programme as all the specialties are available here.

### **Nissan Lodgy**

During the year , Nissan Renault Financial Services India Private Limited (NRFSI) as part of their Corporate Social Responsibility, donated to VHS a Renault Lodgy vehicle . NRFSI towards fulfilling its obligation under CSR is desirous of undertaking activities in the areas of the promotion of health care. The Vehicle was very much the need of the hour for the organisation and has helped a great deal for visiting the primary health centres, which are within a radius of about 50 kms. It has become hassle-free for the organisation to perform outreach programmess and medical camps in these rural areas.

### **ACKNOWLEDGEMENTS**

## **The Government**

We thank the Government of India, for its continued support in the form of Tax benefits and various Grants. We are thankful to the Government of Tamil Nadu for continuing to provide the Hospital Maintenance Grant and Family Welfare Grant. The Department of Health and Rural Health Services has increased the Maintenance Grant per bed with effect from the financial year 2012-13 and the hospital is ever grateful to the Ministry of Health for supporting our cause.

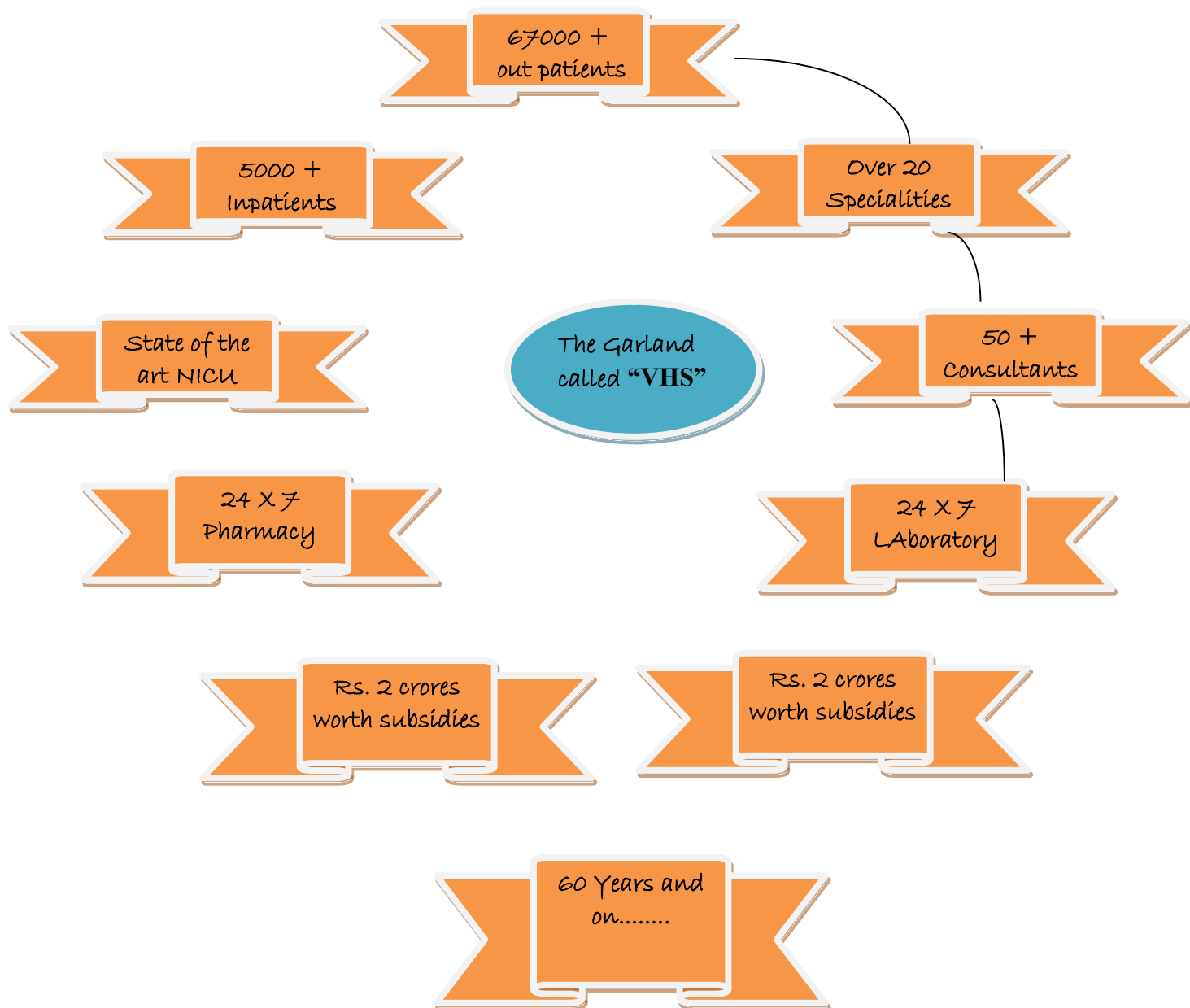
## **Our Donors:**

We express our heartfelt gratitude to the large number of donors, patrons, and members of the medical profession without whose support the hospital would not have completed 60 years of its humble service.

## **6. SERVICES WE OFFER**



## 60 YEARS OF RENDERING HEALTHCARE SERVICES AT AFFORDABLE COST



- a) **Out – Patient Services:** The total number of out-patient consultations during the year 2017-18 is 67164 as against 60102 during the year 2016-17. There has been an increase in the patient walk-ins by 12% when compared to the previous year. Every patient visit made within 7 days from the date of original visit for the same speciality is considered free. During the year under report, such free walk-in patients amount to 20149 . VHS charges a nominal fee for its OP

consultation which is Rs. 50 for General Medicine and General Surgery, Rs. 100 for Specialities and Rs. 300 for Super Specialities.

- b) In-patient Services:** The total number of in-patients treated during the year was 5451 and out of the total, 4088 representing 75% of the patients, were from the general ward who enjoy subsidised rates across all the facilities. The department-wise category of patients and the amount of subsidy provided as against A-Ward patients in our hospital can be referred to in the relevant sections.

### Health Check-up Programmes conducted

|  |     |
|--|-----|
| Master Medical Check-up                    | 304 |
| Pre-employment Medical Check-up            | 75  |
| Food Handlers Medical Check-up             | 32  |
| Medical Check – up (MAC School of Nursing) | 316 |
| Medical Check up treatment                 | 69  |

### 6.1 Chief Minister’s Health Insurance Scheme

VHS Hospital is approved by the Chief Minister’s Health Insurance Scheme for Dialysis, General Surgery, Neurosurgery, Urology, Thalasaemia, Orthopaedics and Plastic Surgery. The hospital uses it as an opportunity to join hands with the Government to serve the weaker sections of the society and continues to provide care under the scheme. During the year, routine Health Camps and Mega Camps as part of the Tamil Nadu Chief Minister’s Health Insurance Scheme were conducted.

The department-wise number of cases handled under the CM Scheme is provided below:

| Department      | No: of Cases                 |
|-----------------|------------------------------|
| Haemodialysis   | 380 Patients (3040 sittings) |
| Neuro-Surgery   | 54                           |
| General Surgery | 27                           |
| Urology         | 16                           |
| Orthopaedics    | 9                            |
| Plastic surgery | 2                            |

### 6.2 Cadaver Organ Transplant Programme

7 Medical Officers from VHS have been empanelled to certify brain death and registration numbers have been assigned to them by Medical and Rural Health Sciences, Government of Tamil Nadu, under their Cadaver Organ Transplant Programme.

## 7. DEPARTMENT AND FACILITIES

### 7.1 Department of General Medicine

#### Background and Salient features

The Department of General Medicine in VHS was established by the founder, **Dr. K.S.Sanjivi**, himself. Since the inception of this hospital, the Department of General Medicine has been the cornerstone for all the branching departments and handled steadily by eminent physicians over the years.

A routine day begins with the OP Department starting its work at 8 a.m. strengthened by the visits of senior specialists on fixed days in a week. Casualty Services are available round the clock through an Emergency and trauma care department which was inaugurated during the year. The Day Care Centre provides prompt and brief hospital services such as dehydration correction, nebulisation for acute respiratory distress of the patients etc.

The in-patient wards are adequately cross-ventilated and ward arrangement well spread out in the infrastructure of the hospital layout. The access to any investigatory modality, such as radiology, ultrasonography, etc., is available freely, resulting in fruitful interaction between the departments to the advantage of the patients.

We have backup of teams of specialists in various other allied departments of general medicine and the consultants of the respective departments visit and give their expertise at the patient's bedside. We practise thorough exchange of knowledge to the benefit of the patients by holding review sessions.

### Statistics

| Particulars  | 2017-18(Nos) |
|--------------|--------------|
| Out-patients | 15619        |
| In-patients  | 1461         |

The total number of in-patients treated during the year was 1461 out of which 1082 patients constituted the general ward category. The total subsidy provided to the patients in the department during the year was Rs. 32.79 lakhs as against a subsidy of Rs. 27.19 lakh during the year ending 31 March 2017. Out of the above Rs.27.38 lakhs is provided towards the General Ward patients.

## 7.2 Department of General Surgery

### Background and Salient features

This department started functioning as a skeleton unit when VHS was started in 1963. It has now grown into a fully staffed and also a teaching department of the hospital. The following are the activities of the department:

#### ***Clinical Outpatient***

- Functions 6 days in a week from 9.00 a.m. to 1.00 p.m.
- Attends to emergencies 24 x 7
- Super-speciality services like Plastic Surgery, Urology, and Neurosurgery conduct regular Outpatient services

#### ***In-patient***

- Fully equipped general wards, special wards, and deluxe wards are available

#### ***Operation Theatre***

- Fully equipped and recently renovated state-of-the-art operation

theatres (5 regular and 1 septic OT) are equipped to deal with emergencies / trauma and routine surgical cases.

- Super-specialty services like Urology, Plastic Surgery and Neurosurgery are also carried out in the same OT
- Laparoscopic surgical facilities are also available with experienced surgeons manning them
- There is a Post-operative ward to attend to major cases in the immediate post-operative period and also seriously ill cases, apart from the regular/ICU facilities

### *Academic activities*

The Department has been maintaining regular academic training of post-graduate (Diplomate of National Board of Examinations) students every year, apart from surgical training for dental students (BDS) as part of their curriculum, and also gives hands-on training to nursing students of the VHS - M.A. Chidambaram Nursing College located in the campus.

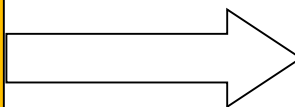
#### 7.2.1 Statistics

| Particulars      | 2017-18 (Nos) |
|------------------|---------------|
| Out-patients     | 6558          |
| In-patients      | 665           |
| No: of Surgeries | 321           |

Of the total number of IP cases, the patients admitted under the subsidised ward were 518 (2016-17: 480) and the value of subsidies offered to these patients amounted to Rs. 52.93 lakhs (2016-17: Rs.30.86). The total value of subsidies offered to the patients of general surgery was Rs. 61.31 Lakhs (Rs.51.92 lakh).

### 7.3 Department of Maternity and Child Health

The Obstetrics and Gynaecology - MCS Department was started in 1990 with assistance from the Indian Population Project (IPP) V



**DEPARTMENT OF MATERNAL AND CHILD HEALTH ABHIMANYU BLOCK (2017)**

VHS - ABHIMANYU BLOCK - MATERNITY AND CHILD HEALTH SERVICES

Apart from the above recently developed facilities, the Department has a cardiotochograph and foetal doppler which has helped in better monitoring of women in labour. Specialised minimally invasive laparoscopic surgeries have been introduced for gynaecological patients on a regular basis. With the help of the Ultrasound Department, procedures such as ultrasound guided aspiration of ovarian cysts, removal of IUCD, etc., are also being done.

This is a baby-friendly initiative hospital, and all mothers are being counselled and encouraged for exclusive breast feeding which is totally successful. Regular post-partum clinics are being conducted and family planning measures are provided according to Government of India guidelines including laproscopic sterilization, MTP facilities are available for patients who opt for it if within the rules.

The OG department is recognised by the National Board of Examinations for PG degree training in Obstetrics and Gynaecology & the pass percentage is maintained at 100%.

**Facilities available**

- Operation theatre with high end equipments exclusive for performing MCS and OBG cases within the same complex.
- Starting of specialised clinics, like PIH clinic and high risk pregnancy clinic
- Basic assisted reproductive clinics with IUI procedures with counselling for infertile couples
- Preparation of special Antenatal Cards to improve care during pregnancy was introduced in 2012. Special counselling for antenatal mothers and their husbands is being done on the importance of regular antenatal checks and nutritional diet, etc. on the penultimate Saturday of every month.

**7.3.1 Infertility Clinic:** Infertility Clinic was started during the year 2015-16. Dr. Sathya Balasubramanyam, a honorary consultant, heads the department and is a qualified infertility specialist. Intra-Uterine Insemination (IUI) is done at a very low cost. We hope to establish a full-fledged fertility unit to help childless couples from all the strata of the society.

**Statistics**

| Particulars                 | No: of Patients |
|-----------------------------|-----------------|
| OP(OBG)                     | 3,558           |
| OP (MCS & Ante-natal)       | 2,804           |
| Infertility Cases           | (78)            |
| <b>In- patients treated</b> |                 |
| OBG                         | 466             |
| Gynaecology                 | 191             |

**MCS Ward / Family Welfare Centre**

| Particulars       | No: of Patients |
|-------------------|-----------------|
| Deliveries        | 273             |
| OT Cases Major    | 270             |
| Minor             | 52              |
| Laparoscopy cases | 26              |

We receive Grant-in-Aid for running the Family Welfare Centre from the Directorate of Family Welfare and are thankful to the Directorate for continuing to release the grant for meeting the recurring expenditure towards staff salaries, drugs, diet, and the tubectomised mothers.

The total value of subsidised services provided during the year amounted to Rs.48.66 Lakh (2016-17 :37.91 lakh) out of which Rs. 35.72 lakh was towards the services provided to the General Ward Category. 71% of the total IP patient strength constituted General Ward category patients.

**7.4 Department of Paediatrics and Neonatology**

**Background and Salient features**

All deliveries conducted at VHS, both normal and caesarean, are attended by the neonatologists for resuscitation of the babies at birth. The babies admitted in the NICU are both intramural (VHS born) and extramural (referred from outside). Babies born here are regularly followed up in the Paediatric OP and counselling about feeding, immunisation and child rearing is given to them.

Several of the common paediatric emergencies like febrile fits, seizures, dengue shock syndrome, and tablet poisoning are handled in our Paediatric Casualty and admitted as inpatients, if necessary.

**State-of-the-Art Neonatal Care at VHS**



State of the Art Neonatology centre was inaugurated during the year 2016-17 with facilities to provide neonatal care to the new born babies.

**7.4.1 Immunisation programme:** All children born here are immunised as per schedule, the vaccination being made available at a subsidised cost. The team of paediatricians also conducts training programmes for nurses on neonatal care.

| Particulars  | 2017-18(Nos) |
|--------------|--------------|
| Out-patients | 4883         |

|                      |     |
|----------------------|-----|
| In-patients          | 237 |
| Post Natal Babies    | 252 |
| NICU admissions      | 133 |
| Paediatric surgeries | 11  |

The total number of patients admitted under the General Ward amounted to 423 who were given subsidies to an extent of Rs 2.23 lakh

## 7.5 Department of Cardiology (Institute of Cardiovascular Sciences and Research)

### Background and Salient features

Cardiology Block opened on 24 Sep 2010 (donors Mrs. Jayalakshmi Varadachari and Marudhar Kesari Jain Seva Sangh)

**Donors for Equipment:** Chennai Wellington Corporation Foundation, Autotech, Cognizant Foundation and Others

The Department basically provides out-patient services with ECG, Treadmill and Echocardiogram. The beneficiaries are members who belong to the less privileged sections of society. They are mostly workers with monthly incomes less than Rs. 15,000. Apart from the consultations at a concessional rate, they get subsidised rates for investigations, procedures and medicines.

The EECP (Enhanced External Counter pulsation therapy) treatment was inaugurated during September 2012 and has helped patients with advanced heart disease, like intractable chest pain, heart failure, etc., and who do not respond to conventional medicines and cannot be treated with bypass surgery or angioplasty. This treatment lasting 6 weeks has led to significant improvements in patients with these problems.

| Particulars                 | 2017-18 (Nos) |
|-----------------------------|---------------|
| Out-patients                | 960           |
| <b>Non-Invasive Studies</b> |               |
| Echo                        | 649           |
| Treadmill                   | 91            |
| EECP                        | 2             |
| Ambulatory BP               | 7             |

ECHO and Treadmill are being provided at discounted rates to the Free Group category and the value of such subsidies during the year amounted to Rs.1 lakh (P.Y 2.60 lakh)

## 7.6 Department of Neurology (The Institute of Neurological Sciences – VHS)

### 7.6.1 Background and Salient Features

## Department of Neurology (Institute of Neurological Sciences - VHS )

The Institute of Neurological Sciences (TINS) at VHS was established 52 years ago by the Late Prof. Krishnamoorthy Srinivas, the founder Chairman of TINS.

TINS continues to provide excellent I.P., O.P. and Acute Care for patients, academic courses, and a PhD programme. TINS has expanded into a hub for community-based professional training, academic courses, internship training for post graduate candidates (social work and psychology), PhD programme, providing exposure to neuroscience research and expert clinical neurology.

On 17<sup>th</sup> March 2018 Dr.J.Senthil Nathan, MD, DM (Neuro) has been appointed as Head of Clinical Services for TINS-VHS and VHS CARES. He has been instrumental in collaborating with the Department of Neuro Surgery to enhance quality of patient care, academic and research for patients with Neurological disorders.

### Achievements /Milestones from 01.04.2017 to 31.03.2018

The staff of the Neurology Department participated the following symposia:

- TS Srinivasan – NIMHANS Knowledge symposium at Chennai in February 2018
- 15<sup>th</sup> M.V Arunachalam Endowment Oration and Dementia Symposium 2017

### I. Academic & Research

Out of five research fellows enrolled for the PhD program, the following 3 were awarded PhD Degree by The Tamil Nadu Dr.MGR Medical University in May 2017. **Mr.C.B.Senthil Kumar** was awarded the PhD Degree supervised by Dr.E.S.Krishnamoorthy in March 2016.

#### Dr. E. S .Krishnamoorthy – Guide/Supervisor

a. Disability in patients with peripheral neuropathy secondary to Diabetes Mellitus: Development of an ICF based assessment paradigm and study of factor that influence outcome – **Mr.M. Manoj Abraham** – Submitted in April, 2014. Awarded June 2017.

#### Dr. Lakshmi Vijayakumar – Guide/ Supervisor

a. A case control study to assess the psychological problem in children and wives among families with alcohol dependence, juvenile diabetes and normal controls at selected settings in Chennai – **Mrs.G.S. Sumathi** - Submitted in October, 2014. Awarded April 2017.

b. A study to assess the effectiveness of need based intervention on level of depression, family support, quality of life and activities of daily living among elderly with depression – Ms. **J. Hemalatha** - Submitted in October, 2014. Awarded May 2017.

### 2. Recognition of Guide / Co-Guide

- For Dr. E.S. Krishnamoorthy, the extension of PhD Guide Recognition was granted on 26.12.2014.
- Dr. Lakshmi Vijayakumar the extension of PhD Guide Recognition was granted on 7.7.2015.



c. Dr James Devasagayam Clinical Psychologist and Neuropsychologist has been recognized as PhD Co-Guide by TN DR MGR Medical University on 15.04.2015.

### **3. Teaching**

In academic year 2017-18, a total of 117 students interned at TINS - VHS from varied background including, Bachelor of Siddha Medicine, PG Medical and Psychiatric Social Work UG and PG Counselling Psychology from several reputed colleges and Institution.

| <b>S. No</b> | <b>Name of the College/ Institution</b>    | <b>Number of Students</b> |
|--------------|--|---------------------------|
| 1.           | Velumailu Siddha Medical College           | 33                        |
| 2.           | Sri Sairam Siddha Medical College          | 38                        |
| 3.           | Stella Maris College                       | 2                         |
| 4.           | Madras School of Social Work               | 2                         |
| 5.           | Hindustan College                          | 2                         |
| 6.           | Madras university                          | 22                        |
| 7.           | Dr. MGR Janaki College of Arts and Science | 1                         |
| 8.           | Rajagiri College of Social Sciences        | 2                         |
| 9.           | Madras Christian College                   | 3                         |
| 10.          | Sastra University                          | 1                         |
| 11.          | Women's Christian College                  | 1                         |
| 12.          | Schizophrenia Research Foundation          | 1                         |
| 13.          | Mar Gregareous College                     | 3                         |
| 14.          | Royal College of Surgeons                  | 2                         |
| 15.          | Loyola College                             | 3                         |
| 16.          | Nazarath College                           | 1                         |

### **II. Publications**

**Krishnamoorthy ES, Misra V, Srivatsa VG (2017)** Cerebrovascular Diseases – A Neurobehavioral Perspective. Stroke Talk 19:02-03. Indian Stroke Association

**Misra V, Srivatsa VG, Krishnamoorthy ES.** Epilepsy and Behavior: Response to an Integrative Treatment Paradigm Highlighting Complementary and Alternative Medicine. In: Hauptman A, Salpekar J, editors. Pediatric Neuropsychiatry: A Clinical Casebook. 1 ed: Springer Nature; 2018.

**Krishnamoorthy ES, Misra V.** Neuropsychiatry service provision in India and South Asia. In: Bodani M, Faruqui R, Agrawal N, editors. Oxford Textbook of Neuropsychiatry. Oxford, United Kingdom: Oxford University Press; 2018.

**Manoj M,** Effectiveness of Balance exercise circuits (BEC) on improving gait parameters and functional Performance in older adults, Research J. Pharm.and Tech. 11(1):165-169, January 2018.

**Manoj M,** Prevalence of Postural Dysfunction among female college students – A Qualitative Analysis, Bio Med (Aligarh) 2018, 10:1, Volume 10. Issue 1. 1000421.

**Manoj M,** Effect of Modified Constraint Induced Movement Therapy in improving Upper Extremity Functions in Heiplegia, Biomedicine; 2017; 37(3): 324-328

**Manoj M**, Association between usage of Smartphone as the risk factor for the prevalence of upper extremity and neck symptoms among university students: A cross sectional study, Research J Pharm & Tech,: Volume 10, Issue 4, April 2017 (ISSN: 0974-9949)

**Manoj M**, Perception of quality of life towards diabetes from gender perspective, Int J Pharm Bio Sci, Volume 8, Issue 2, April – June, 2017; Pages 806-813.

Karthikbabu, S., Chakrapani, M., **Ganesan, S.**, Ellajosyula, R., & Solomon, J. M. (2018). Efficacy of Trunk Regimes on Balance, Mobility, Physical Function, and Community Reintegration in Chronic Stroke: A Parallel-Group Randomized Trial. J Stroke Cerebrovasc Dis, 27(4), 1003-1011. doi: 10.1016/j.jstrokecerebrovasdis.2017.11.003

Gupte, S., Mullerpatan, R., & **Ganesan, S.** (2018). Influence of Focus of Attention During Acquisition of Motor Skills in Children of 3–9 Years. 30(1), 67-75. doi: 10.1615/CritRevPhysRehabilMed.2018024761

**Hemavathy** (2017); Effectiveness of autogenic relaxation on somatization disorder and biophysiological parameters among chronic Disease clients at selected villages, Thiruvallur district. <http://www.iccrjnr.com>, Jan 2017

**Hemavathy** (2017) Disease burden among chronic disease clients at selected villages adopted by Omayal Achi Community Centre, <http://www.iccrjnr.com>, Dec.2017

**Hemavathy** (2017) A Quasi experimental study to assess the effectiveness of Mentor’s Strategic Communication on adjustment problems among adolescents at selected schools, KeralaInternational Journal of Health Sciences and Research [www.ijhsr.org](http://www.ijhsr.org).ISSN.2249-9571 – Feb. 2017

**Funding:**

TINS, VHS has been a preferred venue for Corporate Social Responsibility initiatives and philanthropists contribution. The main supporters are as follows (arranged in alphabetical order):- Amritha Hariraj; Bajaj Auto Limited; CEC Ponpadi; Kasturi& Sons, (The Hindu); Murgappa Group; Late Shri V.Sundaram- IAS; TVS Motors Ltd-Sundaram Clayton Ltd; Vasta Biotech Pvt. Ltd; Patrons: Deepa Krishnan Family; SANMAR Group of companies; Sri.P.V.Jaishankar, Mrs. Aparana Saikrishna Rajagopal

**III. Beneficiaries:**

The highlights of the benefits are the excellent multidisciplinary assessments and interventions received by the patients and their families.

**In Patient Summary**

| S.No | Diseases                    | Number of Patients |
|------|-----------------------------|--------------------|
| 1.   | Seizure Disorder            | 16                 |
| 2.   | Stroke and (CVA)            | 55                 |
| 3.   | Parkinson’s Disease         | 4                  |
| 4.   | Mental Retardation          | 1                  |
| 5.   | Anxiety + Depression        | 1                  |
| 6.   | Lumbar Spondylosis          | 2                  |
| 7.   | Cervical Spondylosis        | 2                  |
| 8.   | Alcohol Withdrawal Syndrome | 1                  |
| 9.   | SDH                         | 1                  |
| 10.  | Bell’s Palsy                | 1                  |
| 11.  | Head Injury                 | 1                  |
| 12.  | Transient Ischemic Attack   | 2                  |
| 13.  | Central Pain Syndrome       | 1                  |
| 14.  | Cerebral Venous Thrombosis  | 1                  |

Total number of in patients - 89  
 Centre for advanced rehabilitation specialty - 5

### Out - Patient Statistics

| S.No | Diseases                               | Number of Patients |
|------|--|--------------------|
| 1.   | Seizure Disorders                      | 527                |
| 2.   | Stroke (CVA)                           | 328                |
| 3.   | Parkinson's Disease                    | 50                 |
| 4.   | Peripheral Neuropathy                  | 75                 |
| 5.   | Cervical Spondylosis                   | 47                 |
| 6.   | Vertigo + Giddiness                    | 54                 |
| 7.   | Anxiety + Depression                   | 138                |
| 8.   | Lumbar Spondylosis                     | 21                 |
| 9.   | Headache + Migraine                    | 192                |
| 10.  | Bells Palsy                            | 73                 |
| 11.  | Transient Ischemic Attack (TIA)        | 20                 |
| 12.  | Carpal Tunnel Syndrome                 | 11                 |
| 13.  | Benign Paroxysmal Positional Vertigo   | 7                  |
| 14.  | Dementia                               | 29                 |
| 15.  | Neuritis                               | 13                 |
| 16.  | Motor Neuron Disease                   | 6                  |
| 17.  | Spinal Cord Diseases                   | 38                 |
| 18.  | Alcoholism                             | 18                 |
| 19.  | Trigeminal Neuralgia                   | 17                 |
| 20.  | Tuberculoma Of The Brain               | 12                 |
| 21.  | Other Neurological Infections          | 5                  |
| 22.  | Subdural Hemorrhage                    | 5                  |
| 23.  | Cancer With Neurological Complications | 18                 |
| 24.  | General Medical Conditions             | 174                |
| 25.  | Others                                 | 292                |

Total number of Out - Patients - 1505

### VHS- CARES

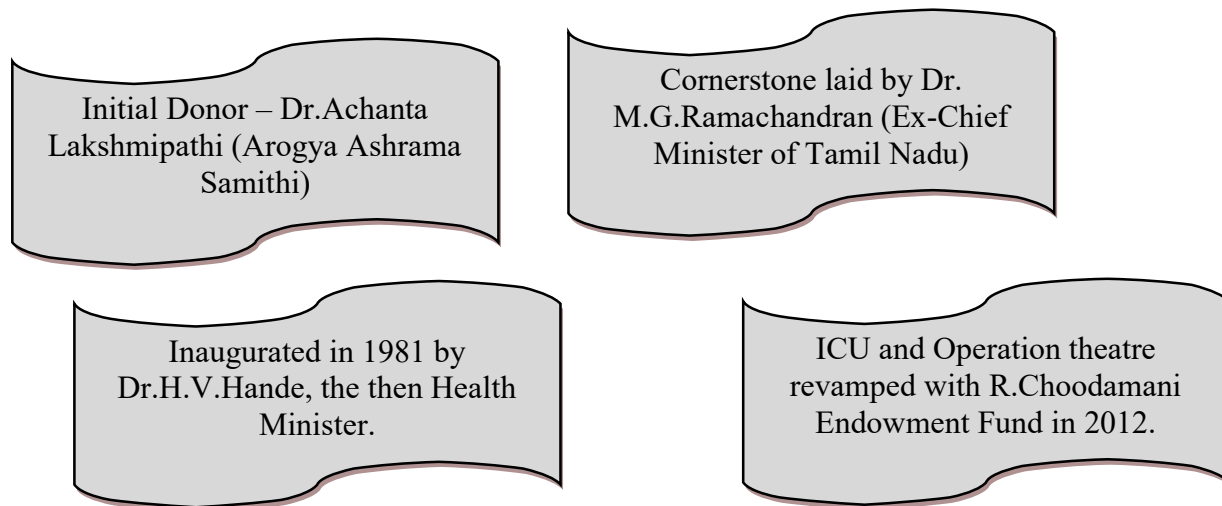
| S.No | Disease Conditions   | Number of Patients | Average Duration of Stay |
|------|----------------------|--------------------|--------------------------|
| 1.   | Stroke (CVA)         | 48                 | 46 days                  |
| 2.   | Head Injury          | 1                  | 8 days                   |
| 3.   | Neurosurgery         | 1                  | 178 days                 |
| 4.   | Motor Neuron Disease | 1                  | 188 days                 |
| 5.   | Disc Bulge +Prolapse | 2                  | 20 days                  |
| 6.   | Vertebral Fracture   | 1                  | 119 days                 |
| 7.   | Dementia             | 1                  | 53 days                  |

|     |              |   |         |
|-----|--------------|---|---------|
| 8.  | Parkinsonism | 1 | 20 days |
| 9.  | Neuropathy   | 1 | 62 days |
| 10. | GBS          | 1 | 52 days |

## 7.7 Department of Neurosurgery

### Background and Salient features

The Dr.Achanta Lakshmiopathi Neurosurgical Centre and Postgraduate Institute of Neurological Surgery at the VHS Hospital and Research Centre, Adyar, has been at the forefront of neurosurgical care, education, innovation and research for the past 40 years (1978-2018).



The institution has been a recognised postgraduate training centre for the National Board of Examinations. Since 1984, there have been 33 postgraduates who have undergone strenuous training of 5 years before writing the National Board examinations. The institution is currently allowed one candidate per year and the course is now for 6 years. The candidates are selected by the National Board on the basis of an all-India examination and counselling done centrally.

### SIGNIFICANT PAST ACHIEVEMENTS/ MILESTONES

Treating a huge number, of neurosurgical patients, that were managed both conservatively and surgically is the main achievement of this institution. A creation of a distinct Indian school of Neurosurgery has been its hallmark. Multi-author textbooks published by the Department are the main source of educational material for neurosurgery postgraduates.

### STATISTICS

| Particulars        | 2017-18 (Nos) |
|--------------------|---------------|
| No of surgeries    | 182           |
| No of In-patients  | 412           |
| No of Out-patients | 2209          |

## **BENEFICIARIES**

- The Department has benefited all sections of the society by providing free neurosurgical service and care to the poor, subsidised for the middle income groups, and appropriately charged neurosurgical service for the higher income groups.
- Providing an educational opportunity to
  - Neurosurgical postgraduates
  - General surgery postgraduates
  - Neuro-anaesthesia training
  - MS neuroscience students
  - B.Sc., M.Sc. Nursing students

### **7.8 Intensive Care Unit**

#### **Background and Salient features**

The unit has a step-down ICU with 9 beds, a cubicle area with 3 beds with separate toilet, a high infection cabin with 3 beds, and a critical care unit with 6 beds, a Doctor and Counselling cabin, Individual call facility by patients, computer-aided treatment records, O<sub>2</sub> and suction piping for each bed, direct access to the laboratory, and a fast-track curtaining system for privacy are the other added features of the Unit.

| <b>Particulars</b>      | <b>No: of Cases</b> |
|-------------------------|---------------------|
| Intensive Care Patients | 1150                |

### **7.9 Department of Diabetology and TAG-VHS Diabetes Research Centre**

#### **Background and Salient features**

**Dr. C. V. Krishnaswami** has headed the VHS Diabetes for over 48 years and has guided and educated many doctors in the field of diabetes.

The **special services** of the Department include:

- Regular out-patient services for all diabetics
- Comprehensive lifetime free medicare for all Juvenile Insulin Dependent Diabetics (IDDM), i.e. children with onset of Type 1 diabetes below 15 years of age
- Diabetes and Pregnancy service
- Full ophthalmic (eye) check-up with documentation and regular follow up in collaboration with the VHS Eye Department
- Diabetic Foot Care clinic pioneering work in limb salvage techniques presented in national and international forums
- Diabetes Renal Care service
- Special Nutrition service
- Psycho-social support and rehabilitation for Insulin Dependent Diabetics

The **Nutrition Department** provides a dedicated diet counselling service, especially for diabetics with kidney complications (diabetic nephropathy and early renal failure cases) with specific goals of holding / reversing the condition and postponing / preventing renal dialysis – this effort has achieved very significant success.

Another special feature is the **Diabetes Pregnancy unit** which functions to improve patient care, maintenance of the registry for gestational diabetes, and cater to the special needs of high-risk pregnancies associated with diabetes.

The Department is also functioning with a **Diabetes Neuro clinic** rendering services for people with diabetic neuropathies and a variety of other associated neurological problems.

A unique feature of the VHS Diabetes Department is its serving the Juvenile Insulin Dependent Diabetes patients with *comprehensive lifetime free medicare* which offers free medicines, insulin, syringes, annual blood tests, chest x-rays, ECG, ultrasonography, fundus fluorescein angiograms, laser photocoagulation therapy (when needed), neurological investigations, investigations and treatment of diabetic foot problems, and treatment of inter-current problems in Insulin Dependent Diabetes Mellitus. In addition, regular treatment of DKA, hypoglycaemia and other metabolic problems requiring hospitalisation are done free of cost for all IDDM cases. These services with constant improvements have been offered to the economically/socially backward classes for the past four decades.

The **Goals** of the Department are:

- To improve and monitor the natural history of (Type 1) Juvenile insulin dependent diabetes in South India, on a long-term basis.
- To look after Type 2 diabetics long-term with use of minimum/appropriate/and user-friendly drug therapies, diet and lifestyle advice, and keep close electronic medical records of their health conditions and suggest appropriate non-invasive and non-chemical-based interventions for the various co-morbid conditions so that the least amount of end-organ/micro-vascular complications occurs. We have succeeded to a significant degree in this endeavour and have maintained full computer-based medical data of our patients' conditions over the past 48 years.

#### Statistics

#### DIABETES DEPARTMENT

| Particulars | 2017-18(Nos) |
|-------------|--------------|
| OP patients | 3602         |
| IP patients | 694          |

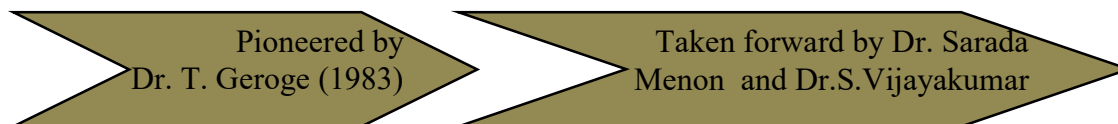
#### TAG – VHS Diabetes Research Centre

| Particulars | 2017-18(Nos) |
|-------------|--------------|
| OP patients | 6455         |
| IP patients | 291          |

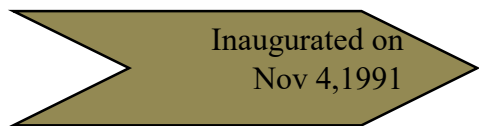
### 7.10 Department of Psychiatry and Rajaji Centre for De-addiction

#### Background and Salient features

#### Department of Psychiatry



## The Rajaji Centre for De-addiction



### Donors: -

- Indian Bank (thanks to the efforts of Smt. C. Sivasankari Managing Trustee, AGNI Trust)
- Tamil Nadu Distillers Association ( First Floor)
- N. Balakrishnan ( Second Floor)

The Centre has 15 beds in the General Ward, and also 2 single special rooms with attached bathroom for the paying patients.

### *Services offered*

#### 1. Medical treatment –

- Medical care to deal with withdrawal symptoms, and
- Co-existing medical/psychiatric breakdown or suicidal attempts due to addiction.

Both alcoholics and drug addicts are admitted in the ward for a minimum period of 24 days. Detoxification is done during the 1<sup>st</sup> week and, in the 2<sup>nd</sup> week of admission, cardiac and liver status is also assessed.

If all the parameters are normal, the patients are started on Disulfiram/Acamprol therapy. Individual counselling, Family counselling and Group therapy are provided for the patients. Simultaneously, all the patients are subjected to a battery of psychological assessments like MMPI (Minnesota Multiphasic Personality Inventory), GRS (Rating scale for Depression), SCL (Symptom Check List) and IQ. Inter-medical facilities are available for the patients admitted in the de-addiction ward. If a patient admitted is found to have ailments like cardiac, TB, skin, eye, ENT, ortho or surgical problems, all the problems are handled simultaneously.

2. Psychological therapy: With the focus on abstinence with improvement in the quality of life, it covers Assessment, Counselling, Group therapy, Re-educative lectures and Family therapy

3. Supportive therapies: Life skills training on strengthening self esteem, stress management, assertiveness, decision making, problem solving skills, and Yoga / relaxation techniques are given.

There is also a relapse prevention programme – to recognise high risk situations and emotional triggers that lead to relapse and to learn coping methods.

The ward has indoor recreational facilities like carrom board, chess, badminton, and TV. During their stay, the patients engage themselves in gardening and other recreational activities. The Annual Day is celebrated every year and small mementoes given to recovered patients who continue to be sober. It is very heartening to note that the rehabilitated patients themselves motivate others and bring them for treatment in the Centre.

They continue to work as volunteers and help in the follow up of patients. It is noteworthy that some of the patients have also contributed financially for the upkeep of the Centre.

### ***Follow up services***

Clients and their family members are counselled on future follow up and regular intake of medicines. If the clients do not come for follow up, they are contacted by telephone, letter or home visit.

### ***Outreach programmes***

The Department has been regularly conducting awareness programmes on substance abuse and its ill effects through lectures, interaction, street plays, etc. in schools, polytechnics and colleges, self-help group members (men and women), and in slum areas visit the Government Vigilance Home, Chennai, for counselling the inmates once a month.

### **Statistics**

| <b>Particulars</b>         | <b>No: of cases</b> |
|----------------------------|---------------------|
| Out-patients treated       | 2174                |
| In-patients treated        | 145                 |
| Psychiatry cases           | 11                  |
| Alcohol addiction          | 118                 |
| Tobacco addiction          | 1                   |
| Alcohol plus snuff         | 1                   |
| Alcohol with cool lip      | 1                   |
| Alcohol with Ganja         | 5                   |
| Alcohol + Tablet           | 1                   |
| Ganja                      | 4                   |
| Fevicol and glue addiction | 1                   |
| Tablet addiction           | 1                   |
| Paediatric Patients        | 19                  |

## **7.11 Department of Orthopaedics**

The Department of Orthopaedics is one of the super specialities which has been in existence since the beginning and has progressed to a great extent over the years. The various treatments provided under the department are:

1. All complicated trauma cases
2. Arthroscopy
3. Joint replacements
4. Paediatric Orthopaedics, with deformity correction
5. Specialised trauma care for accidents and emergency

**The Department is run by Dr.Sit Sabesan from SRMC.**

### **Statistics**



| Particulars  | 2017-18(Nos) |
|--------------|--------------|
| Out-patients | 3322         |
| In-patients  | 164          |

The number of IP cases in the Department has significantly improved during the year as compared to the previous year. The General Ward patients constitute around 70% of the overall patient strength. Out of the total in-patients, the amount of subsidies provided in the Department was Rs.23.32 Lakhs ( P.Y :16.62 lakh), primarily towards 133 (P.Y: 128) patients belonging to the General Ward and C Ward categories.

### 7.12 Department of ENT

The Department has a separate operation theatre with an operating microscope and audiogram, with special facilities for surgery on deafness. It is equipped with state of the art equipment and with increasing response from the public; it is in the expansion mode for conducting additional procedures at affordable cost.

#### Statistics

| Particulars  | 2017-18(Nos) |
|--------------|--------------|
| In-patients  | 75           |
| Out-patients | 2770         |

Out of the above 75 in-patients, subsidies have been provided for a total value of Rs.1.76 lakh. The Department is run by a doctor deputed from SRMC, and is showing significant improvement in terms of quality and affordable care.

### 7.13 Department of Physiotherapy

#### Background and salient features

The Department is fully equipped with necessary equipment. Under electrotherapy, there is shortwave diathermy, ultrasound, interferential therapy, wax therapy, electronic traction and a continuous passive machine.

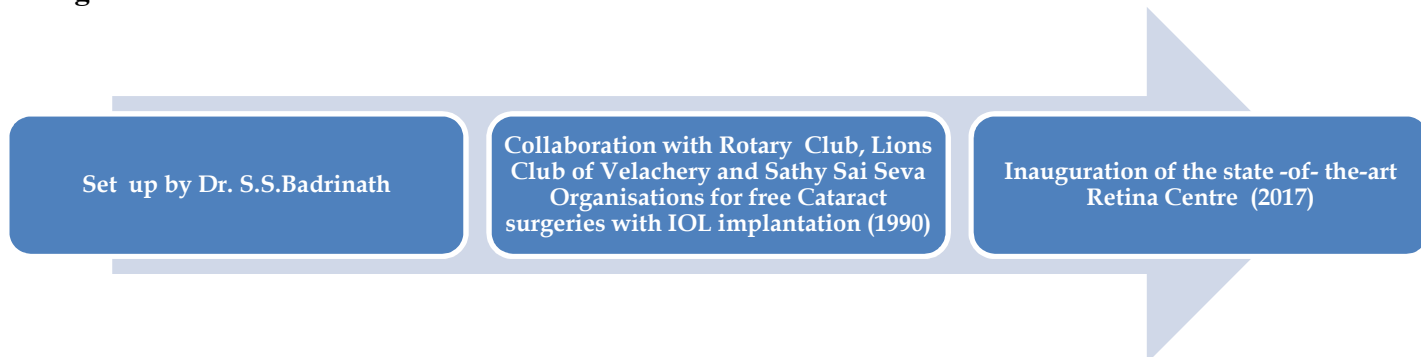
Exercise therapy equipment include a treadmill, parallel bars, mariner's wheel, multipurpose pulley, quadriceps table, staircase, elbow exerciser, wrist circumduction, tilting table, rehabilitation unit, C.P chair, and re-education board.

#### Statistics

| Particulars  | 2017-18 (Nos) |
|--------------|---------------|
| In-patients  | 211           |
| Out-patients | 718           |

### 7.14 Department of Ophthalmology

## Background and salient features



Services available at present:

- Sutureless phacoemulsification with foldable IOLs
- Glaucoma prevention, early diagnosis, medical and surgical treatment
- Humphrey field analyser, FDT, Forus Fundus Camera, A scan, etc., for covering a wide variety of problems including diabetic eye disease and neuro-ophthalmology
- Retinal Surgeries

The Department has a separate operation theatre with an operating microscope and facilities like photo-coagulator, Fundus Camera, and fluorescent angiogram equipment

The Department has also collaborated with the Mini Health Centres operated in collaboration with the VHS-MAC Institute of Community Health. This did make a noticeable impact on the curable blind people of the community and set a benchmark for other organisations to follow. WHO launched cataract surgery with IOL implantation much later, which has since been accepted as the method of choice by the Central and State Government. This programme has been the flagship programme done in association with the Sathya Sai Samithi for more than 15 years and is still an ongoing programme.

Apart from the curative side, the Department has, since 2011, launched a major initiative to prevent blindness resulting from glaucoma and diabetic retinopathy. VHS has launched the VHS-MAC **Choodamani Blindness Prevention Project** at Sholinganallur in 2012. So far, about 500 people in the community have been screened and appropriate measures instituted.

### Statistics

| Particulars                | 2017-18(Nos) |
|----------------------------|--------------|
| Out-patients               | 8624         |
| In-patients                | 415          |
| <b>Outreach programmes</b> |              |
| Sirudhavur – 11 camps      | 2462         |

The department is supported by various philanthropists for funding cataract surgeries and vitreoretinal surgeries for the poor patients. During the year, Rotary club of Madras, South Trust had funded 10 retinal surgeries. 67 patients were benefitted through OCT investigations using the endowment funds of The Hindu Group and 6 patients were benefitted through B scan using the endowment funds of Pavithra Kotha Vijayakumar Memorial fund.

### 7.15 Nephrology Department and Dr.R.Babu Kulasekar Dialysis Centre

#### Background and salient features

The Department is run by an experienced Nephrologist under whose guidance haemodialysis is conducted.

The air-conditioned Dialysis Centre has four haemodialysis machines, with central oxygen and suction facilities and is operational throughout the year. Along with the Nephrology Consultant, two dialysis technicians, and a staff nurse attend the cases. The Centre is approved under the Chief Minister's Insurance Scheme.

#### Statistics

| Particulars  | 2017-18(Nos) |
|--------------|--------------|
| Dialysis     | 3449         |
| Out-patients | 344          |

### 7.16 Department of Endocrinology

#### Background and salient features

The Department of Endocrinology functions as an OP department and the consultants provide services one day in a week. It provides specialised endocrine services relating to hormone disorders.

#### Statistics

| Particulars | 2017-18(Nos) |
|-------------|--------------|
| OP          | 1083         |

### 7.17 Department of Oncology

#### Background and salient features

The Department of Oncology was inaugurated in July 2014 and is a fully equipped centre of medical oncology with nine beds, air-conditioned, and Central Oxygen supply. The Department continues to provide Chemotherapy with all required infrastructure and handles patients as day care patients, with trained staff. Patients, for whom monitoring is required, stay overnight in the centre and, if need be, are transferred to the Intensive Care Unit at VHS. Chemotherapy is provided at a subsidised rate at the Department. The drugs used for Chemotherapy are sold at 40% less than the MRP.

| Particulars           | 2017-18 (Nos) |
|-----------------------|---------------|
| Out-patients          | 713           |
| In-patients           | 59            |
| Day Care Chemotherapy | 713           |

## 7.18 VHS-YRG Care Medical Centre and Infectious Diseases Department

### Background and salient features

The VHS-YRG Care Medical Centre, set up in VHS with the support of the Y.R. Gaitonde Centre for AIDS Research and Education, has a 24-bed ward and a day care centre that treats AIDS patients. Other than Government Hospitals, VHS is the one of the very few private hospitals to take care of HIV / AIDS patients.

The Operation Theatre and Labour Ward Block handles cases with HIV. It has out-patient cubicles and 4 special air-conditioned ward rooms with attached bath.

To offer the patients added services, the VHS-YRG Care Infectious Diseases Laboratory focuses on newer diagnostic methods and research on HIV / AIDS and other opportunistic infections. It has been recognised by the National Accreditation Board for Testing and Calibration Laboratories (NABL) and the Department of Scientific and Industrial Research (DSIR).

| Particulars                 | 2017-18 (Nos) |
|-----------------------------|---------------|
| No: of out-patients treated | 14160         |
| No: of in-patients treated  | 532           |

## 7.19 X-Ray, ECG and other investigations

### Salient features

There are three X-Ray machines for screening of capacity 700MA, 300 MA and 200 MA. All contrast investigations are being done. Digital X-Ray has been installed with consoles in various IP cubicles.

### Statistics

| Particulars  | 2017-18 (Nos) |
|--|---------------|
| Chest X Rays – 70 mm   | 5654          |
| Other X Rays (Ba meal, IVP, neuro-radiological investigations, angiograms, angiograms, myelograms) | 3532          |
| ECGs taken   | 4522          |

### Endoscopy

Endoscopy procedures

### Ultrasound

Ultrasound investigations done

The Ultrasound Department is being operated by a team from MediScan Systems and performs abdominal, and trans rectal scans, vascular, small parts, obstetrics and gynaecological scans. The Department also

carries out ultrasound guided invasive procedures like biopsies, aspirations, drainage of abscesses, Fine Needle aspiration cytology, etc. We are thankful to **MediScan Systems** for their support in running the Department. The Revenue from the Department is given to VHS by MediScan.

### TB and Chest Clinic

| Particulars  | 2017-18 (Nos) |
|--------------|---------------|
| Out-patients | 678           |
| In-patients  | 4             |

### Other Specialised Services

CT scan and C-Arm Services are being provided by **Medall Healthcare** at VHS under a special arrangement. All these services are provided to the patients at affordable costs scaled according to the Dr. K.S. Sanjivi Medical Aid Plan.

## 7.20 ROTARY CENTRAL-TTK-VHS BLOOD BANK

### Background and salient features

The VHS Blood Bank started functioning from 1962 under the guidance of **Dr. K.S. Ranganathan**, former adviser on blood transfusion to the Director General of Health Services, Government of India. The blood bank, from the very beginning, has encouraged voluntary blood donation. **Dr.J.Balasubramaniam**, who joined the blood bank as the Medical Officer in August 1964, is currently its Director.

In 1997, the Rotary Club of Central Madras and TTK ventured into the field of blood banking and helped to provide the VHS Blood Bank with modern blood bank equipment and trained personnel. The Rotary Club of Madras also donated the present building to house all the advanced equipment.

The Blood Bank is licensed by the Drug Controller and all blood samples are screened for HIV, hepatitis, VDRL for AIDS, and Jaundice and STD respectively, before they are transfused. The services of the Blood Bank are available round the clock. It is staffed by qualified and trained medical officers, staff nurses, technicians and blood bank workers. It has a well-equipped air conditioned van to go for blood donation camps and for transportation of blood and blood units collected for immediate processing.

The intensive drive for building up the stock of blood continues. We are thankful to the donors and organisers of the various institutions who participated in the Blood Collection camps. A total of 167 camps were conducted and 14,846 units of blood collected during the year under report.

A resume of work done in the Blood Bank is furnished below:

| Particulars                | (2017-18) (Nos) |
|----------------------------|-----------------|
| No: of Blood camps         | 215             |
| ABO grouping and Rh typing | 22,495          |
| Rh antibody investigations | 62              |

|  |        |
|--|--------|
| Cross matching tests done  | 15,328 |
| No. of units of blood collected (all voluntary)  | 15,601 |
| ELISA Test for HIV, HbsAG, VDRL screening test   | 18,122 |
| No. of units of packed cells issued  |        |
| In-patients  | 922    |
| Out-patients   | 14,944 |
| FFP - platelet concentrate, cryoprecipitate plasma issued  | 20,048 |
| No. of units (packed red cells) transfused to thalassaemia children                                  | 3,293  |
| No. of Units of whole Blood, Packed Red Cells, FFP and Cryoprecipitate given to Haemophilia patients | 48     |

All blood and blood components are given free of cost to all the patients with haemophilia and thalassaemia irrespective of their income groups. The value of such free blood issued during the year 2017-18 amounted to Rs.49.38 lakh (2016-17 Rs. 37.39 lakh). Also blood is issued at 50% discount to the General Ward patients.

### ***Haemophilia Centre***

As part of the programme, the Blood Bank gives 24-hour comprehensive care to haemophiliac patients along with free blood and blood components including cryoprecipitate. We are thankful to the Haemophilia Society – Madras Chapter for organising this free supply for deserving patients and for taking full care of them.

## **7.21 ROTARY CLUB OF MADRAS – VHS SENIOR CITIZEN CENTRE**

### **Background and salient features**

*The Centre was inaugurated on 19 July 2003 by Mr. M.V. Subbiah, Executive Chairman, EID Parry (I) Ltd in the presence of the then President of Rotary Club of Madras, Mr. D Sudhakara Reddy, Dr. M.S. Swaminathan and Mr. S. Venkitaramanan*

The main objective is to provide 24 x 7 medical care for old aged people and to enable them to maintain a healthy lifestyle.

### **Facilities available**

- There are 11 single rooms, 4 smaller rooms and 20 double-occupancy rooms, with attached bathroom. A nominal amount towards rent and food expenses is collected every month and basic necessities are met with.
- A common room with dailies and magazines is available.

- Bhajansessions are conducted periodically.
- A doctor visits the residents once in a week as part of the services provided.

***Inaugural function of Dr.K.S.Sanjivi Memorial Relaxation Centre by Prof M.S.Swaminathan***

***A Veena Concert was organized by the SCC in which Mrs. Sulochana Swaminathan gave a wonderful rendition accompanied on Tabla by Mrs. Malini Balakrishnan.***

## INSTITUTE OF COMMUNITY HEALTH

### Department of Community Health The Voluntary Health Services

The VHS Department of Community Health (Institute of Community Health) comprises 10 Mini Health Centres(MHCs) located along the OMR and ECR and conduct regular activities such as

- Clinical Services and Community Health Outreach such as daily house visits, camps, school health, community group interactions such as nutrition demonstrations etc
- Training is conducted for medical, nursing and paramedical courses as per the University syllabus

### Outreach

Clinical and community health outreach is done through 10 Mini Health Centres which are located in southern periphery of Chennai city mostly located on the ECR and OMR arterial roads. The catchment area of the Mini Health Centres covers a population of nearly one lakh for clinical services and approximately half are covered with regular outreach such as daily house visits. The Community Health outreach services offered under the eight core activities such as Water, Sanitation, Women health, Child health, Nutrition, Communicable diseases, Non-Communicable diseases and Clinical practice. Other activities like Nutrition Demonstration, Group health Education, Provision of Weaning Mix and School health visit are done on a regular basis.

### Details of 10 MHCs

|                         |                                     |       |
|-------------------------|-------------------------------------|-------|
| 1.1 Demographic Details | Total no. of families               | 13784 |
|                         | Population                          | 56522 |
|                         | Male                                | 28178 |
|                         | Female                              | 28344 |
|                         | Eligible Couples                    | 9673  |
|                         | 0-4 Children                        | 3194  |
| 1.2 Clinical Details    | Total no. of patient treated in MHC | 32381 |
|                         | No. of Children Immunized           | 100%  |

|                         |   |       |
|-------------------------|---|-------|
| 1.3 Field Activities    | No. of Antenatal mothers received Inj.TT                      | 100%  |
|                         | No. of Antenatal registered                                   | 1011  |
|                         | No. of Malnourished children                                  | 2484  |
|                         | No. of Sanitary toilets constructed                           | 117   |
|                         | No. Of. Field clinic conducted                                | 94    |
|                         | No. of. House visits conducted                                | 13762 |
|                         | No. of Nutrition demonstration and group discussion conducted | 125   |
|                         | No. of person participated                                    | 2086  |
| 1.4 School health visit | No. of school health visit conducted                          | 110   |

### Field work

The Multipurpose health workers make daily home visit as per the Fixed Tour Programme(FTP) in order to cover the entire population for every two months under each Mini Health Centre. This outreach provides basic clinical care, preventive and promotive services by medical officers along with multipurpose health workers and trainees posted at the Dept of Community Health for postings. Cases that require specialized care are referred to the main hospital at Adyar.

### Training

Training is undertaken at the Institute of Community Health at Thuraipakkam and practical postings at various mini health Centres. Trainees include CRRI posting, MD Community Medicine, M.Sc Nursing, B.Sc Nursing, Diploma in Nursing, Post Basic B.Sc Nursing and other streams such as nutrition, pharmacy etc.

Non-formal training is based on request from various organisations such as Rotary Clubs, NGOs etc and is tailor made to requirements.

For the reporting period a total of 333 students were trained in 84 batches

### Other Activities

#### Camps sponsored by Oriental Insurance

##### Introduction

Free medical camps are periodically conducted by VHS Mini Health Centres to reach health care services to poor and underprivileged communities living in slums, resettlement tenements and along canal banks. Medical camps fulfil unmet health care needs of people having poor health seeking behaviours. Free medical camps organized by VHS extend quality medical care services, free medicines and health education to the needy and underserved populations living in peripheral areas surrounding Chennai.



**Additional Director, Medical Officer, Public Health Nurse, Staff Nurses and**



## Multi-Purpose Health Workers

### Medical Camps

VHS conducted three free medical camps for the benefit of communities living in and around Neelangarai (20<sup>th</sup> August 2017), Thuraipakkam (3<sup>rd</sup> September 2017) and Sithalapakkam (10<sup>th</sup> September 2017).

Each of the three free medical camps were sponsored by The Oriental Insurance Company Limited (a Government of India Undertaking) under its Corporate Social Responsibility (CSR) initiatives.



**Inauguration of free Medical Camps by Mr. R. Ravi Kumar, Deputy Manager,  
The Oriental Insurance Company Limited, Regional Office, Chennai**

### Key Statistics

A summary of key statistics from the three medical camps are given in the table below.

|     | Indicator                        | Neelangarai<br>20.08.2017 | Thuraipakkam<br>03.09.2017 | Sithalapakkam<br>10.09.2017 | Total For<br>3 Camps |
|-----|----------------------------------|---------------------------|----------------------------|-----------------------------|----------------------|
| 1.  | Total beneficiaries              | 368                       | 277                        | 661                         | 1,306                |
| 1a. | Number of females (total)        | 219                       | 169                        | 422                         | 810                  |
| 1b. | Number of males (total)          | 149                       | 108                        | 239                         | 496                  |
| 2.  | Number of children (0-12 years)  | 61                        | 66                         | 175                         | 302                  |
| 2a. | Number of male children (0-12)   | 28                        | 30                         | 85                          | 143                  |
| 2b. | Number of female children (0-12) | 33                        | 36                         | 90                          | 159                  |
| 3.  | Age range                        | 4 months -                | 4 months -                 | 40 days -                   | 40 days -            |

|    |                             | 86 years | 87 years | 80 years | 87 years |
|----|-----------------------------|----------|----------|----------|----------|
| 4. | Screening test for diabetes | 42       | 68       | 164      | 274      |
| 5. | Eye examinations            | 42       | 65       | 111      | 218      |

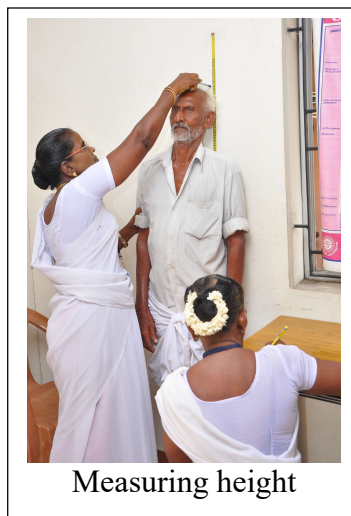
## Camp Activities

The following activities were conducted at the free medical camps.

1. Registration of beneficiaries
2. Monitoring of vital signs
3. Examination by VHS attending doctors
4. Screening for blood pressure
5. Screening for diabetes
6. Eye examination
7. Diagnosis of common ailments
8. Dispensing medicines for common ailments
9. Health education
10. Nutrition demonstration
11. Referral to VHS Hospital for further investigations and specialist care



Health Workers checking blood pressure



Measuring height

## Community Participation



heat from the sun, leaving behind household chores and giving up on family commitments, a large number of people assembled at each of the three medical camps to avail free health care services offered by VHS with support from The Oriental Insurance Company Limited.

Beneficiaries lining up for registration and monitoring vital signs

The community response was overwhelming with a continuous stream of people throughout the day, including women, men, infants, children, adolescents, elderly, differently abled, infirm residents and people who are unable to afford quality medical care.

A total of 1,306 people (Neelangerai - 368, Thuraipakkam - 277 and Sithalapakkam - 661) in need of medical care benefitted from the camp.



Mothers and children at the camp

Beneficiaries included working women and men, daily wage earners, domestic workers, casual labourers, construction workers, fisher folk, factory workers, security men, auto rickshaw drivers, loadmen, shop assistants and staff from housekeeping services.

Residents of resettlement colonies, people living along the canal banks and workers from the Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGS) for poor households also availed the free medical services.



Registration of beneficiaries and monitoring vital signs

## Health Care Providers

Free medical care services and health education were offered by a panel comprising VHS Medical Officer, Attending Doctors, Public Health Nurse, Optometrist, Staff Nurses (Ophthalmology) and Multi-Purpose Health Workers. Urban Health Nurses from the Corporation of Chennai also provided assistance during the medical camp.



Eye examination by Staff Nurse, Department of Ophthalmology

Dr. S. Parthasarathy, Head of Department of Ophthalmology at VHS and his team carried out eye examinations and referred cases to VHS hospital for further investigation, prescription glasses, cataract surgery and follow-up care.



Medical Officer examining beneficiaries and prescribing medicines



Eye examination by Dr. S. Parthasarathy, Head of Department of Ophthalmology, VHS



The team worked under the overall leadership and guidance of Dr. Joseph D. Williams, Director Projects and Additional Director, Department of Community Health, VHS.

### Health Education

The free services provided included monitoring of vital signs (height, weight, pulse, temperature, and respiratory rate), checking of blood pressure, and blood sugar test for detecting diabetes, eye examination, clinical examination, and diagnosis of common ailments, distribution of free medicines, health education and nutrition demonstration.

The team of Attending Doctors, Nurses and Health Workers were supervised and managed by Dr. A. Kalaiselvan, Medical Officer, Department of Community Health, and VHS.



Checking blood pressure and temperature

Some of the frequently reported symptoms during the camp were common cold, fever, cough, wheezing, body pain, joint pain, knee pain, muscle pain, headache, eye problem, white discharge, anaemia, arthritis, allergy, itching, skin infections, gastritis, hypertension, diabetes and vitamin deficiencies.



Dispensing free medicines



Eye examination

Doctors attending on beneficiaries listened to the complaints and symptoms, undertook clinical examination, diagnosed the cause, gave advice and prescribed medicines to treat the illnesses.

Beneficiaries with risk factors for developing diabetes, such as age (over 40 years), family history, overweight, obesity, lack of physical activity and high blood pressure, were screened. Upon recommendation by the Medical Officer

and attending Doctors, a total of 274 beneficiaries were screened for diabetes.



Optometrist conducting eye examination



Public Health Nurse and Health Worker dispensing free medicines

Eye examinations were conducted and cases were referred to VHS hospital for follow-up care. Refractive errors, cataract, retinal problem, itching, eye pain and headache were some of the eye related conditions reported during the camp.

Free medicines were dispensed to beneficiaries in branded medicine covers. The most

commonly prescribed medicines during the camp included antibiotic, analgesic, broncho dilator/asthmatic, gastric, anti-emetic, anti-allergic, anti-spasmodic, anti-diarrheal, anti-helminthic, anti-amoebic, ointment and vitamin supplement.

## Health Education

VHS Public Health Nurse and Multi-Purpose Health Workers managed a health education and nutrition demonstration desk during the medical camps. The team carried out health awareness sessions and disseminated health promotion messages among beneficiaries.

Key messages on disease prevention and healthy living were shared with beneficiaries through one-on-one interactions, group discussions and demonstrations. Health Workers stressed the importance of eating a nutritious diet, explained safe hand washing practices and urged beneficiaries to adopt healthy living habits.



Health education by Health Workers using flash cards



Nutrition demonstration by Health Workers



Health Workers facilitating health education session

During interactive health education sessions facilitated by Public Health Nurse and Health Workers, beneficiaries learned about preventing common diseases, adopting healthy living habits, keeping surroundings clean, maintaining personal hygiene and ensuring safe storage of drinking water.

Using pictorial flip books, posters, flash cards and interactive dialogues, Health Workers shared key messages about air and water borne diseases, malaria, dengue and chikungunya.

Health Workers conducted nutrition demonstrations showing beneficiaries how to prepare simple, low cost and nutritious recipes, such as green gram vegetable salad, vegetable sandwich and sweet red Aval (flattened red rice) salad. Health Workers stressed that these recipes could be easily made at home using

locally available ingredients. Following the demonstration, beneficiaries were offered a sample of the prepared item for tasting. Beneficiaries realized that the preparations were not only tasty and affordable, but also contained high nutritive value.

Adolescent girls were sensitized on anaemia caused by iron deficiency and shown the importance of eating a balanced and nutritious diet. Health Workers spoke about the steps people should take to prevent diseases and live a healthy life.



Health education by Health Workers



Nutrition demonstration by Health Workers

A number of young school going children, their parents and grandparents attending the camp enthusiastically participated in the nutrition demonstration sessions and expressed the desire to adopt the low-cost recipes and prepare the items at home.

## Follow-up Care

Beneficiaries requiring specialized medical care were referred to VHS Hospital for further investigation and treatment.

Beneficiaries were also advised to visit the Mini Health Centre for follow-up consultations and medicines.

During scheduled house visits, Health Workers will meet beneficiaries to monitor their health condition and provide follow-up care.



Health Worker advising beneficiary

## Beneficiary Mobilization



Health Workers mobilizing the community through house visits

The beneficiaries for the medical camps were mobilized through daily intensive pre-camp outreach work and field visits carried out by Health Workers during the week prior to the medical camps.

Health Workers also sensitized key influencers, such as panchayat leaders, ward council members, local administration, primary health

centre field supervisor, school teachers, anganwadi worker and private company supervisors.



Health Workers making public announcements

Publicity was done through house-to-house visits by Health Workers, leaflet distribution, poster display at important congregation points and public announcements via mike fitted on autorickshaw.

## Record Management

Beneficiaries were registered for the medical camp by Health Workers using an Out Patient (O.P.) register, listing their name, age, gender, phone number and address. Following registration, each beneficiary was handed out an O.P. sheet for availing services.



Health Workers recording Out Patient (O.P.) register and filling O.P. sheet

The O.P. sheet recorded vital signs (height, weight, temperature, blood pressure, pulse and respiratory rate) checked by Health Workers as well as complaint, clinical examination, diagnosis and drugs prescribed by the doctor.

After seeing the doctor, the beneficiary handed over the O.P. sheet to the drug dispensing unit for collecting prescribed medicines.



Drug and Stock Register being reviewed



Medicines dispensed to beneficiaries were recorded in the Drug and Stock Register maintained by Health Workers.

### Company Visibility

The visibility of The Oriental Insurance Company Limited was ensured through activities carried out before and during the camp. Two banners measuring 6 feet x 4 feet were displayed at the entrance and inside the venue ahead of the camp as well as on camp day, promoting the Company brand.

The visibility and image of the Company was further enhanced through the use of branded medicine covers for distributing free medicines to beneficiaries.



Branded medicine cover



Branded banner



Medicine distribution to beneficiary in branded cover

### Voices of Beneficiaries

The community responded positively to the medical camps by turning out in significant numbers to avail free health care services and medicines. Beneficiaries expressed their gratitude for the free examinations, tests, consultations, health education, nutrition demonstrations and medicines. The thoughts and feelings shared by a select few beneficiaries are noted below.

#### Neelangarai

“I am from Kerala and was passing by when I noticed the banner outside the Mini Health Centre. Normally I have doubts about free medical camps and hesitate going to such camps. However, after attending this free camp and consulting doctors and Health Workers from VHS, my opinion has changed. I am impressed to see and experience the quality health care you are giving. Your service is excellent. VHS is helping the poor people living in this community.” Male, 60 years.

“I came with my husband. We do not have anyone to take care of us. I am satisfied with the medical camp and the medicines provided free of cost.” Female, 70 years.

“I am from Kolkata and work at a nearby biriyani outlet. I live and sleep inside the shop. I am suffering for several years from frequent cold and weakness. I have seen many doctors, but only get temporary relief when I take medicines. I have come to this camp seeking your help in treating my health problem.” Male migrant worker, 16 years.

“Neelangarai Mini Health Centre has been my saviour. Without services of this centre and Health Workers, I will not be alive today. Thank you for the camp and free medicines.” Male, 65 years.

“I have come here with my son. We are very happy with the free health care services you are giving.” Female, 60 years.

### **Thuraipakkam**

“Our entire family was able to benefit from this free medical camp” stated an elderly woman and her daughter who came with three children suffering from cold, cough, fever and pain.

“We learned how to easily and quickly prepare healthy, tasty and nutritious food and we are going to make them at home” said two school going sisters.

“Doctors and Health Workers were helpful, listened to our complaints, understood our health condition and gave us free medicines, thank you” expressed another beneficiary.

“All of us are having fever and our son is also sick. By coming to this camp, we were able to see a doctor and get free medicines” said a young woman.

“It feels like you did this camp just for poor people like us, thank you” stated a family of husband, wife and two children. They also expressed satisfaction with the arrangements and thanked VHS and the sponsor.

### **Sithalapakkam**

“We came as a family for undergoing check-ups and to see a doctor. My daughter is having cold, chest congestion, fever and breathing problem and we needed medicines. We are satisfied with the services and medicines received at the camp. Thank you for organizing this camp for us.” A 55-year-old woman engaged in household work.

“I am suffering from cold, cough and drowsiness. The doctor understood my condition, made me comfortable and took good care of me. Thank you for the free medicines.” A 75-year-old man who used to pull a rickshaw to earn a living.

“Today, we were taught how to make a healthy and tasty salad at low cost. Thank you for explaining in an easy to understand language and showing us step-by-step how to make nutritious food at home.” A group of school going adolescent girls.

“The Health Workers told us about keeping our homes and surroundings clean and avoid water stagnation so that we can prevent the spread of mosquitos and safeguard ourselves from dengue and malaria. Thank you.” A 35-year-old mother with two sons aged 7 and 10 years.

“I work at the local factory filling plastic pouches with oil. Due to the nature of my repetitive work I am constantly suffering from elbow pain. I came here to consult the doctor, get medicines and relieve my pain so that I can continue working and earn a livelihood for my family. This free camp is very helpful for us.” A 50-year-old woman working in an oil factory.

“Because of this free camp, we were able to check our height, weight, blood pressure, blood sugar and eyes. Thank you for providing us this free service. The services offered were very good and helpful. We were well taken care of by the Doctors, Nurses and Health Workers.” - An extended family of mother, father, son, sister and nephew.

### **CM Insurance Scheme Camp**

A free medical camp under the CM Insurance Scheme was conducted at Kanathur on the occasion of the former Chief Minister's birthday on 27<sup>th</sup> Feb 2018 and a total of 222 patients were seen.

### **Sathya Sai Monthly Camps at Siradhavoor**

Monthly camps are conducted by the volunteers of Sathya Sai and the Dept of Ophthalmology VHS, for the period of reporting a total of 11 camps were conducted with a total of 2462 patients seen.

### **Voluntary Health Services -Multi-Country South Asia – Project DIVA**

#### **Voluntary Health Services -Multi-Country South Asia – Project DIVA supported by the GFATM Round 9 Programme**

#### **Background:**

VHS under the Global Fund Round 9 programme is implementing the Multi-Country South Asia (MSA) DIVA project in India (except North East) with the support of Save the Children International (SCI), Nepal. The project under the guidance of National AIDS Control Organisation (NACO) and in partnership with respective State AIDS Control Societies (SACS) aims to reduce the impact of HIV on Transgender (TG) / Hijra (H) population.

#### **Achievements:**

1. The initiatives taken by VHS-MSA DIVA Project towards the marginalized TG/H people has paved in the following outcomes, many of them being the first of its kind in the State:
  - Andhra Pradesh
    1. Honorable Chief Minister of Andhra Pradesh has announced State Welfare policy for the Transgender people
  - Bihar
    1. Transgender Welfare Board has been formed
    2. The Government of Bihar has announced 1% reservation in employment for the Transgender people
    3. Bihar State AIDS Control Society has announced to recruit Transgender people as Care Counselors at the ART centres
  - Odisha
    1. Passport has been issued with gender category that includes Transgender person
    2. State Transgender policy has been framed
    3. Government has sanctioned loan for livelihood of Transgender people
    4. Gender neutral toilets has been built for Transgender people
  - Chhattisgarh
    1. Transgender person has been recruited at the State Police Force
  - Gujarat
    1. A Transgender Welfare Committee has been formed



- Kerala
  1. The first cooperative society for Transgender people has been formed by the Government of Kerala.
- Maharashtra
  1. Transgender persons have been recruited at the District legal aid clinic as para-legal volunteer, as Judge at Lok Adalat and has been selected as Village Sarpanch.
- Pondicherry
  1. During the Transgender people day, an interaction between the Transgender communities and Pondicherry HR Circle was held which paved employment opportunities for TG people.
- Rajasthan
  1. Transgender has been recruited as Police official in the State
- Tamil Nadu
  1. Transgender persons have been employed in the State Government as Police official, Lab technician, Physiotherapist, Siddha Doctor.
  2. Many transgender persons have been employed in the private sectors.
  3. Government has announced seed funding support for the Transgender people.
- West Bengal
  1. An educational institution has built separate toilet for the Transgender students.



2. TG communities and VHS-MSA DIVA Project officials have attended the following National / International conferences:

- 7<sup>th</sup> International Lesbian, Gay, Bisexual, Trans and Intersex Association (ILGA) Asia regional Conference at Phnom Penh, Cambodia: Participated in the panel discussion on “Gender based violence in humanitarian settings”. Shri Sarada Prasad Panda, Secretary, State Urban Development Authority, Government of Odisha was also sponsored for the conference and he spoke on the topic “From Margins to mainstream: LGBT inclusion in national policy and practice”.
- Rights, Resilience and Resource: Asia Pacific Summit at Bangkok, Thailand: Participated in the discussion on the strategies to reach the UNAIDS goal of 90-90-90.
- AIDSCON7 Conference held at Chandigarh: Disseminated the “Findings of the Trans Stigma index study piloted in two sites”. A poster presentation by VHS-MSA DIVA Project on “Active involvement of media in projecting positive stories of Hijra / Transgender people” bagged the third prize.



3. Preliminary discussion held towards the National consultation meeting to develop an advocacy road-map for the Transgender people in the country was held.

4. Dr. Bhawani Singh Khuswaha, Deputy Director (TI), National AIDS Control Organisation (NACO), Ministry of Health & Family Welfare, Government of India reviewed the VHS-MSA DIVA Project activities and appreciated the efforts taken by the project towards the welfare of Transgender people in the country.



5. Shree Rajendra Pal Gautam, Honorable Minister for Social Welfare, Government of New Delhi was met along with TG community representatives and lobbied for forming TG Welfare Board at New Delhi.



6. VHS-MSA DIVA Project participated in the World AIDS Day programme organized by NACO at New Delhi and disseminated the project activities in the stall. Smt.Anupriya Patel, Honorable Minister for Health and Family Welfare, Government of India visited the stall acknowledged the efforts taken by the project.
7. VHS commemorated World AIDS Day on 1<sup>st</sup> December 2017 involving around 100 nursing students from M.A.Chidambaram College of Nursing. An oath on accepting PLHIV was taken by the participants.
8. The project held a community consultation to discuss on the scope of current Transgender (Rights of Protection) Bill 2016. Representatives from UNAIDS, UNDP and Alliance participated in the meeting.
9. Various state / regional level media sensitization training programmes were conducted across the country and many positive stories are being published in the media about TG/H people.
10. Five CBOs has been supported under the CSS: Seed advocacy grant and four CBOs have been supported for piloting innovations to reach the unreached TG/H people in different states.
11. A research paper on “Impact of an HIV prevention intervention on HIV risk behavior and Sexually Transmitted Infection among Female Sex workers in Tamil Nadu, India” was published in the World Journal of AIDS (Ref: <https://doi.org/10.4236/wja.2017.73014>)
12. Knowledge products developed
  - Six knowledge products in the form of print materials in English were produced by VHS-MSA DIVA Project.
  - A Transgender community resource directory ([www.vhsdiva.org](http://www.vhsdiva.org)) has been launched by Mr.K.C.Veeramani, Hon.Minister for Commercial Taxes, Government of Tamil Nadu in the presence of Honorary Secretary – VHS.



**VHS-CDC project**  
**Technical Assistance to National AIDS Control Programme-Phase IV (TA to NACP-IV)**  
**supported by Centers for Disease Control and Prevention (CDC)**

The Voluntary Health Services - Centers for Disease Control and Prevention, (VHS-CDC)Project, “TA to NACP-IV’, is providing technical support to the National AIDS Control Organization (NACO) in carrying out national level reviews and policy revisions on prevention, care & treatment and strategic information programmes. In line with the revised PEPFAR strategy, apart from the national level activities, the project is now pivoting its efforts in the high burden cluster districts of Andhra Pradesh (AP) and Maharashtra (MH).

VHS-CDC project has undertaken strategic efforts and carried out series of innovative activities in coordination with various stakeholders. Some of the key highlights of the activities undertaken by the project will include:

**Achievements: April 2017 – March 2018:**

**TA to NACO:**

- **Strategic Information Management Unit (SIMU), Basic Services and Care & Treatment programme of NACO:** VHS-CDC project supports positions of technical consultants in NACO as part of its strategic support to NACO.
- **Extended Technical Assistance (TA) to NACO** in developing plans and systems for conducting Joint Implementation Review meeting for NACP IV by involving key stakeholders including donors in selected states.
- **TA to organizing National Workshop for developing Risk Assessment Tool:** VHS-CDC project has developed risk assessment tool for using ICTCs. The same was presented at the national workshop organized by NACO in collaboration with VHS-CDC project. A sub-committee was constituted for reviewing and finalizing the same.
- Provided Technical assistance to NACO for planning and managing **Joint Implementation Review Mission (JIRM)** by engaging consultants for undertaking secondary review, developed ToRs, developed progress report and presentations for JIRM for the period of April to September 2017.
- **NACO official visit to VHS-CDC project:** Dr. Kuldeep Singh Sachdeva, Deputy Director General (DDG), Basic Service Division, STI & Research, NACO along with Ms. Vinita Verma, Programme Officer, Evaluation & Operational Research, NACO visited the VHS Project Management Unit on 23<sup>rd</sup> January 2018. In this meeting, VHS-CDC project has shared the project experiences, researches undertaken and scope for conduct of research.
- Enhanced the **capacity of District AIDS Prevention and Control Unit (DAPCU) through DNRT** by supporting Regional Coordinators, undertaking mentoring visits to DAPCUs, monitoring and developing score card by analyzing core indicators. Also, contributed in developing DAPCU blog and disseminating DAPCU best practices and experiences through NACO website. VHS-CDC supported the Regional Coordinator and M & E officer has undertaken field visits to DAPCUs and provided onsite mentoring, participated in the state and regional level DAPCU review meetings.



*National workshop on Risk Assessment Tool*

### **PALS (PLHIV-ART Linkage System):**

- Developed PALS, a web based online - individual tracking system to improve tracking of clients across the prevention-to-care continuum cascade. VHS-CDC project has developed module for uploading data in offline.
- VHS-CDC project in collaboration with APSACS, MSACS and MDACS, has conducted the training program on PALS for ICTC counselors, data managers and DAPCU personnel.
- VHS-CDC project in coordination with NACO is in the process of documenting the experiences of PALS in the form of process documentation supported with best practices, abstracts and case studies.



*CDC delegates inaugurating the PALS training*

### **Activities at cluster level:**

VHS-CDC project is providing strategic technical assistance in piloting innovations in the cluster districts of Andhra Pradesh and Maharashtra on the following key areas:

1. Risk Assessment Tool
2. Strengthening ICTC-ART center linkage in AP & MH
3. Index Based Testing
4. Strategic Information support (PALS)

VHS-CDC project is working closely with MSACS, MDACS and APSACS and other key stakeholders in piloting the above innovations. As a part of it, appointed cluster team including outreach workers, conducted training programs for ICTC Counsellors, ART staff, DATA managers and DAPCU personnel on ICTC-ART linkage system.

The project personnel both at project office and cluster level team are coordinating with respective SACS, undertaking mentoring visits, participating in the review meetings and providing strategic support



*Project Director, MSACS addressing the participants in Counsellors training program*

**Training programs conducted at Clusters:**

| <b>Consolidated training details</b>              |                            |                    |
|---|----------------------------|--------------------|
| <b>Period : December 2017 to April 2018</b>       |                            |                    |
| <b>Training component</b>                         | <b>No. of participants</b> |                    |
|   | <b>Andhra Pradesh</b>      | <b>Maharashtra</b> |
| PALS  | 335                        | 300                |
| Training on Counselling Skills for Counselors     | -                          | 93                 |
| ToT on Counselling Skills for Counselors          | -                          | 155                |
| Integrated Counseling - Phase II                  | -                          | 55                 |
| <b>Total</b>                                      | <b>335</b>                 | <b>603</b>         |
| <b>Total number of participants trained : 938</b> |                            |                    |

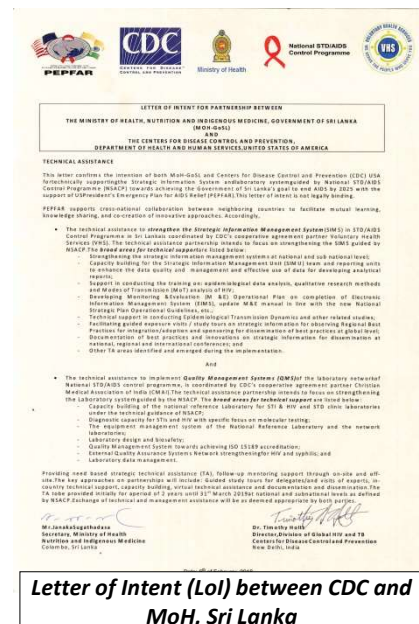


*Special address by Additional Project Director, MDACS at Integrated Counsellors Training*

## Technical assistance to NationalSTI/AIDS Control Program in Sri Lanka:

PEPFAR/INDIA has proposed to facilitate bidirectional knowledge transfer on HIV/AIDS between India and Sri Lanka. As a part of this, CDC in partnership with VHS-CDC project is in the process of providing technical assistance to NSACP on strategic information focusing on the following four areas:

1. Enhance Strategic Information Management (SIM) Unit capacity to utilize electronic and manual program data for decision making
2. Improve capacity of SIM Unit to carryout management, analysis, documentation, and dissemination of summary program data reports
3. Improve capacity of SIM Unit to conduct and disseminate results of operational research
4. Consultation with stakeholders on monitoring and documentation of accomplishments and sustainability plans



As a part of it, the project has facilitated exploratory visits, meeting with key stakeholders, undertaken field visits to facilities, conducted consultative meetings, etc. Through a process, the project is in the process of providing TA on SI in coordination with SIMU unit of NSACP. The key activities are: signing of Letter of Intent (LoI) between CDC and Ministry of Health (MoH), Govt., of Sri Lanka during Feb'18. VHS has facilitated the entire process of coordinating with the Govt. of Sri Lanka in facilitating formal signing of LoI.



NSACP and shared the same with key stakeholders. VHS-CDC project is also in the process of supporting for developing dashboard indicators. In line with this, developed Comprehensive Dashboard Indicators on STI/HIV/AIDS for TA to NSACP, Sri Lanka and shared.

The project shared the India best practices on Strategic Information and shared the information on SI system in HIV/AIDS program in India, PLHIV-ART Linkage System (PALS) along with the process, reporting units, indicators, special features, use of data for program management and other highlights and also shared the information on IMS and plans on integration of PALS, IMS during Nov'17. This experience sharing has enabled the SIMU team, NSACP for planning in developing the EIMS and integrating the value addition in the development of EIMS.

VHS-CDC is in the process of providing technical assistance on enhancing website, updating M&E plan to align with 2018-22 national strategic plan, providing TA on Electronic Information Management System



(EIMS), TA for developing analytical report on SI, improve capacity of SIMU unit to conduct and disseminate results of operational researches, etc. Senior Technical Advisor has undertaken visits and coordinating with NSACP in the process of planning and coordination.

**Publications of VHS-CDC project:** The project in coordination with NACO, SACS and other key stakeholders brought out the following publications:

- Training manual for outreach workers
- Training manual on developing counseling skills for counselors
- Integrated training module for counselors (Phase II)
- Process documentation on PPTCT outreach experiences
- PALS Process documentation
- PALS offline module
- DNRT project documentation
- Reference manual on Situation Assessment of SI and Strategic and Approaches on TA to NSACP, Sri Lanka
- Comprehensive Dashboard Indicators on STI/HIV/AIDS for TA to NSACP, Sri Lanka



**CDC officials visit and coordination with CDC/DGHT-INDIA:**

As a part of monitoring the CDC officials: Dr. Timothy Holtz, Country Director, Dr. Ryan D. McGee, Deputy Country Director, Ms. Srilatha Sivalenka, Public Health Specialist, Mr. Lokesh Upadhyaya, Program Management Operations Specialist and the team has undertaken visits to VHS, participated in the presentations, discussions and in the planning meetings. VHS-CDC project also submits periodical technical and financial reports and coordinating with donor.

Dr. Joseph D Williams, Director Projects, conducts systematic staff meetings, monthly review meetings, experience sharing meetings, cross learning between the projects and provides strategic guidance. VHS-CDC project has developed strong partnerships with key stakeholders at international, national, regional, state and district levels.

## 8. RESEARCH ACTIVITIES

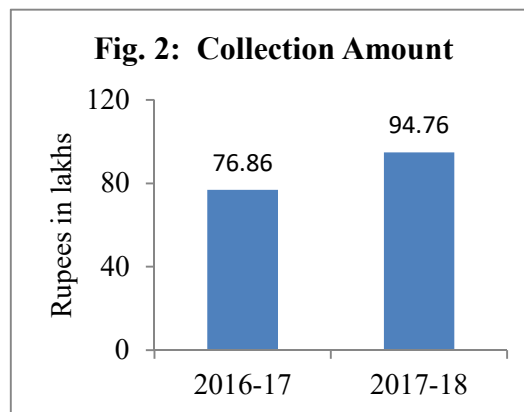
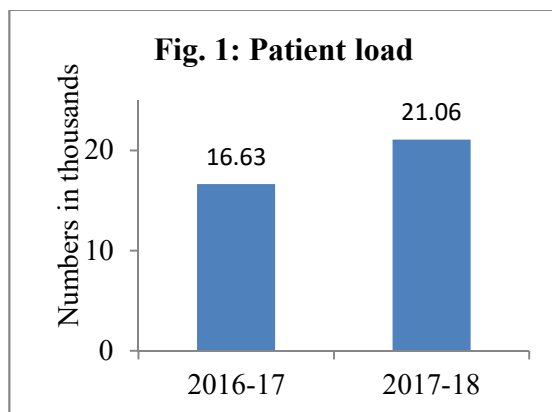
### 8.1 Department of Clinical Research

The Department of Clinical Research was started in December 2014. The scope of the department is to conduct high quality research in translation medicine with the aim to:

- Improve our understanding of the pathogenesis of various diseases.
- Test and develop newer treatment modalities.
- Improve patient handling and management.

#### Achievements:

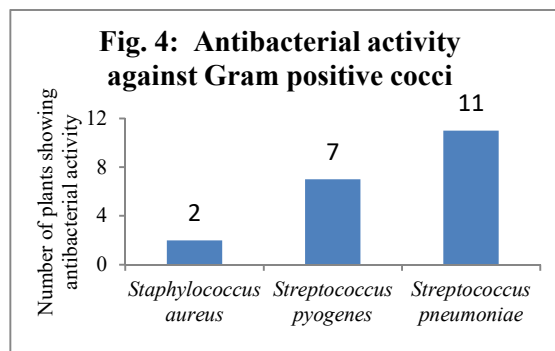
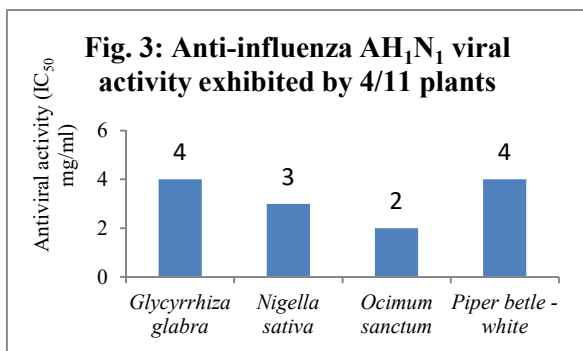
- Renewal of the institute's recognition as a Scientific and Industrial Research Organization (SIRO) from the Department of Scientific and Industrial Research (DSIR) upto the year 2020.
- Scientific Advisory Committee (SAC) has been reconstituted in order to bring in technical expertise in the various medical fields.
- VHS Laboratory Services operating under the umbrella of the Department of Clinical Research has provided diagnostic services to 21,065 patients during the year under report for whom 2,87,784 tests have been performed. Out of the total collection Rs. 7.72 lakhs has been given as discount. Our rates are closer to CGHS rates and the discount has been calculated from the CGHS rates. The increase in the number of patients and the collection amount in the laboratory compared to the previous year are shown in Figs. 1 and 2.



#### Ongoing projects:

- **Evaluation of antibacterial, antiviral and immunomodulatory properties of plant extracts traditionally used in Siddha medicine to treat lower respiratory tract infections (LRTI).**

This is an ongoing project funded by the Department of Science & Technology, Government of India. In the past year, this study completed the evaluation of the antibacterial, antifungal and antiviral activities in 11 traditional herbal extracts. Of the 11 plants tested anti-influenza viral activity was exhibited by 4 plants (Fig. 3). None of the plants exhibited antifungal activity or inhibitory activity against any of the three Gram negative bacilli tested. The three Gram positive cocci tested were inhibited by the 11 plants to some extent (Fig. 4). The anti-microbial activity is better when the numbers are lower.



### **New projects:**

- Role of inflammatory mediators in the clinical outcome of viral warts – a pilot study.

This is a pilot study designed to generate preliminary data on the role of tumour necrosis factor-alpha (TNF- $\alpha$ ) and interferon-gamma (IFN- $\gamma$ ) in the clinical outcome of viral warts in patients who will be treated with intralesional injections of the MMR vaccine. Though the intralesional injections of the cheaper vaccines are routinely followed in developing countries, their mechanism of action is poorly understood. This study will provide insights into the mechanism.

- Multi-drug resistance (MDR) among clinical isolates in a multi-speciality hospital - a retrospective study.

This is a retrospective study proposal to analyse the microbiological data of the clinical samples submitted to the VHS Laboratory from May 2016 to July 2017. The aim of the study is to delineate the multi-drug resistance (MDR) pattern among bacteria isolated from clinical specimens in a multi-specialty hospital. The significance of the study is to throw light on to the emerging microbes within the hospital environment, which would facilitate the hospital's Infection Control Committee to take necessary actions especially regarding the antibiotic policy.

- Role of inflammasomes in Multi-Drug Resistant (MDR) bacterial infections.

A pilot study on the role of inflammasomes in multi-drug resistant (MDR) bacterial infection was proposed to generate preliminary data on the levels of innate immunity cytokine, IL-1 beta. The data generated will be utilized in grant proposals that will be sent to funding agencies.

### **Publications:**

1. Priya K. Superbugs: emerging multi-drug resistant bacteria that pose medical challenges. *Science City News Letter* 2017; IX(8): 2-6.
2. Huey DD, Bolon B, La Perle KMD, Kannian P. Jacobson S, Ratner L, Green PL, Niewiesk S. Role of wild-type and recombinant human T-cell leukemia viruses in lymphoproliferative disease in humanized NSG mice. *Comp med* 2018; 68(1): 4-14.

## 8.2 Department of Neurosurgery (Dr. A. Lakshmipathi Neurological Centre)

### PUBLICATIONS

Krishnan SS, Nigam P, Bachh O, Vasudevan MC. Quad Fever: Treatment through Lowering of Ambient Temperature. Indian J Crit Care Med. 2018 Jan;22(1):43-45. doi: 10.4103/ijccm.IJCCM\_295\_17.

Krishnan SS, Patel BR, Vasudevan MC Concurrent Multilevel Spinal Intra-medullary with Extensive Intracranial Tuberculomas: A Rare Case Report. Asian J Neurosurg. 2017 Oct-Dec;12(4):774-778. doi: 10.4103/1793-5482.185073.

Vasudevan MC, Kameswaran M, Devareddy G, Amarnath D, Krishnan SS. A rare case of an internal acoustic meatal tuberculoma involving the VII-VIII nerve complex. *Neurol India*. 2017 May-Jun;65(3):658-660. doi: 10.4103

Goyal S, Krishnan SS, Kameswaran M, Vasudevan MC, Ranjith, Natarajan K. Does cerebellar flocculus size affect subjective outcomes in pediatric auditory brainstem implantation. *Int J Pediatr Otorhinolaryngol*. 2017 Jun;97:30-34. doi: 10.1016/j.ijporl.2017.03.027. Epub 2017 Mar 22.

Chidambaram S, Vasudevan MC, Nair MN, Joyce C, Germanwala AV. Impact of Operating Room Environment on Postoperative Central Nervous System Infection in a Resource-Limited Neurosurgical Center in South Asia. *World Neurosurg*. 2018 Feb;110:e239-e244. doi: 10.1016/j.wneu.2017.10.142. Epub 2017 Nov 22

## 8.3 Department of Psychiatry

1. CASP- An intervention to reduce suicide among Refugees – International Journal of Social Psychiatry – Published during 2017-18
2. Is Hinduism Ambivalent about Suicide? (Ongoing research)

## 8.4 Department of Diabetes and TAG-VHS Diabetes Research Centre

1. Pulsed Electromagnetic Field Energy healing in Clinical Medicine. Experience of 5 years in TAG-VHS DRC. Vide website tagvhsdrc.com
2. Dynamic Acupuncture Mediated Metaphysical (DAMM) Therapy Research - Vide website tagvhsdrc.com  
In (a) Type 1 Diabetes, (b) Neurological conditions (stroke, - Para/quadruplegia, Parkinsonism, Cranial Nerve Palsies, (c) Locomotor problems – Osteoarthritis, Intervertebral Disc Prolapse etc., (d) A host of various other Acute and Chronic Clinical conditions
3. EDTA Chelation and its application in Clinical Medicine – CVS, Severe Diabetic Poly Neuropathy etc. – Statistics available vide website tagvhsdrc.com
4. Dr.Wheatgrass Spray and Balm (Gel) in wound healing diabetics and non-diabetics.

5. Paida – Lajin Therapy and its clinical application – vide website tagvhsdrc.com
6. Electrolysed Reduced alkaline Water in Health and Disease –
7. Miscellaneous:-
  1. Role of Ayurveda in the treatment of Diabetes Mellitus
  2. Chinese Volcanic Ash Therapy and its success in the treatment of Intractable CORNS
8. Nano Silver Socks effect in Diabetic Neuropathy. The comparative Combined effects of DAMM /PEMFE therapies in challenged children(Autism/MR)

### 8.5 Dr. A. Lakshmipathi Research Centre for Ayurveda (CCRAS)

Dr. Achanta Lakshmipathi Research Centre for Ayurveda started functioning as a grant-in-aid unit from 1st February, 1965 under the auspices of the Central Council for Ayurvedic Research of the Ministry of Ayush, Govt. of India. According to the new mandate i.e., Clinical research on life-style related and non-communicable diseases, the various activities of the Centre have highlighted in brief as below.

1. **Out Patient Department:** A total number of 2615 patients were treated, out of which 946 were male, 1669 were female. In **geriatric OPD** a total number of 560 patients were being benefited by taking the treatment out of which, 106 were male and 454 were female patients. In Specialty '**Flu like illness**' OPD a total number of 142 patients were treated in which 56 were male and 86 were female.
2. **Clinical Research Projects:** Continuing IMR Clinical trial entitled 'Clinical evaluation of *Sukumara Ghritam* and *Brahmi Churnam* in the management of Menopausal Syndrome" in which total number of 18 patients were screened, 17 participants have been enrolled along with 6 patients who have completed the trial.
3. **Outreach Activities:**
  - i) '**Tribal Health Care Research Project (THCRP)**' Under this project, 44 tribal villages were covered in 206 tours along with covering **7918** population. Treatment provided to **3413** patients, investigations were also carried out for 548 patients (HB% - 256 & RBS-292) and were also documenting 15 folklore claims.
  - ii) '**Ayurveda Mobile Health Care Programme under Schedule Castes Sub Plan (SCSP)**'. Under this project 10 areas/villages were covered in 250 tours with **11065** population covered. Treatment provided to **5222** patients and Blood investigations also carried out to 1754 patients (**HB% – 553 & RBS – 1201**).
  - iii) '**Swasthya Rakshan Programme (SRP)**': under this project 5 areas/villages were covered in 237 tours and **9700** population were covered. Treatment provided to **5618** patients along with Blood investigations of 620 patients (**HB % – 222 & RBS – 398**)

#### 4. Other Activities:

This centre had participated in several occasions like AROGYA Fair 2017- CHENNAI from 5 - 8 May, 2017. India International Science Festival 2017 (Mega Science & Industry Expo 2017) at Anna

University- Chennai, Tamilnadu, from 13- 16 October 2017 and also organized a workshop on “Pain management through Ayurveda” on the occasion of National Ayurveda Day on 17 October 2017. During the reporting period 9 research papers were published in various National and International journals and there were 10 participation in different National/International/Departmental-Seminars/Workshops etc.

## 9. ACADEMIC ACTIVITIES

### 9.1 National Board of Examinations

The VHS Hospital is a recognised and accredited institution by the National Board of Examinations for courses in the branches of Neurosurgery, General Surgery and Obstetrics and Gynaecology.

The institution has arranged an excellent teaching faculty for these courses by utilising the services of experts in the respective branches, who are having rich experience in post-graduate teaching, from Government and Non-Government institutions.

There has been exchange of students from other major accredited institutions (like Public Health Centres, the Railway Hospital, etc.) Many CME programmes, panel discussions, symposia with journal clubs, and workshops are being conducted in the hospital in order to update the academic knowledge of Diploma National Board (DNB) students. The students are also deputed to such programmes conducted in other institutions.

| Department                 | No: of students trained |
|----------------------------|-------------------------|
| General Surgery            | 1                       |
| Neurosurgery               | 1                       |
| Obstetrics and Gynaecology | 1 Primary, 1 DGO        |

### List of DNB thesis during the year 2017-18

#### 9.1 Department of General Surgery

1. To assess the efficacy of percutaneous catheter instillation of local anaesthetics for Post Operative pain relief in inguinal hernia repair. (**Completed during 2017-18**)
2. Determination of the Concordance rate between core needle biopsy (CNB) and Post-Operative histopathology of the resected surgical specimen for accurate evaluation of hormonal and prognostic receptor status in breast carcinoma (**Ongoing**)
3. Correlation of BISAP (Beside Index in Severity of Acute Pancreatitis score outcome in patients with Acute pancreatitis) (**Future**)

#### 9.2 Department of Neurosurgery (Dr. A. Lakshmi pathi Neurological Centre)

1. Management protocols in Temporal Lobe contusions prospective and retrospective study. (Completed during 2017-18)
2. Outcome in Surgery for cervical spondylotic Myelopathy A Prospective Study. (**Completed during 2017-18**)

3. MIB-I Index in High grade Glioma and its prognostic correlation (**Completed during 2017-18**)
4. Lumboperitoneal shunt in the management of Pseudo tumour Cerebri (**Ongoing**)
5. Auditory brain stem Implant & factors affecting its outcome in patients with congenital deafness(**Ongoing**)
6. Role of tranexemic acid in chronic subdural haematoma (**Future**)

### 9.3 Department of Gynaecology and Obstetrics

1. Factors influencing initiation and continuation of Breast feeding in Urban South Indian women (**Completed during 2017-18**)
2. Correlation of Early pregnancy lipid profile with development of Gestational Diabetes Mellitus (**Completed during 2017-18**)
3. Outcome of Pregnancy in women with Sub Clinical Hypothyroidism ( **Completed during 2017-18**)
4. Thyroid Functional Aberration in Abnormal Uterine bleeding and Infertility(**Ongoing**)
5. Asymptomatic bacteriuria and its outcome in pregnancy(**Ongoing**)

### 9.2 Community Health

Formal and non-formal training is offered at the Model Health cum Training Centre at Thuraipakkam.

Formal training covers students under DNB (Family Medicine), MD (Community Medicine), Compulsory Rotatory Resident Internship (CRR), M.Sc. (Nursing), and B.Sc. (Nursing) courses, and other para-medicals.

Non-formal training is on a need basis, primarily for in-house training as well as catering to requests from other organisations.

| Particulars             | Number |
|-------------------------|--------|
| No: of students trained | 218    |
| No: of batches          | 53     |

### 9.3 Ragas Dental College

Third-year Dental students are deputed to VHS for Clinical training in General Surgery and General Medicine. The consultants and medical officers of VHS function as faculty for the training. VHS is also recognised by the Dr. MGR Medical University for conducting the examination for these students. MDS students from Ragas Dental College were also sent to VHS for internship in specialities.

### 9.4 C.L Baid Mehtha College of Pharmacy

First self-financing pharmacy college established in 1980

Introduced Pharm.D course in 2010 in coordination with the VHS Hospital

A pioneer in providing quality and effective pharmacy education in diploma, graduate, post-graduate and doctoral programmes,

- Students undergo clinical training in various departments and are actively involved in ward rounds and therapeutic care management under the supervision of the physicians and consultants of the respective departments.

To provide quality patient care, the college has established a **Patient Counselling Centre and Drug Information Centre (DIC)** at the Hospital. DIC provides up-to-date information on drug profiles, adverse drug reactions, drug interactions, dosage and pharmacokinetics and can be accessed by all doctors. Queries can be sent to dicclbaid@gmail.com.

## 10. TRAINING OFFERED

Students from various institutions were deputed to our Hospital for practical training as detailed below:

- Students from **Velumailu Siddha Medical College and Hospital** and **Velumailu Ayurveda Medical College and Hospital**, had clinical training in General Medicine, General Surgery, Obstetrics and Paediatrics.
- **SMART Academy** conducts training sessions for the candidates who appear for MRCPCH examination under the leadership of Dr. Rajkumar.

### VHS - M.A. CHIDAMBARAM COLLEGE and SCHOOL OF NURSING

The M.A. Chidambaram College & School of Nursing conducts the B. Sc (N) programme since 1992, M.Sc (N) programme since 2001, Post Basic B.c (N) since 2011 and the DGNM since 2001 under the auspices of MAC Educational Foundation.

The total intake of students for DGNM is 20 per year, for B.Sc (N) 50 per year, for M. Sc (N) is 13 per year and for the P.B.B.Sc (N) is 30 per year. The pass percentage in the final year examination for all the programme is 99-100%.

The college and school has various units such as the Student Nurses' Association (SNA), the National Service Scheme (NSS), Voluntary Blood Donor's Club (VBDC), Youth Red Cross (YRC) and Red Ribbon Club (RRC) which has organized and conducted various programmes.

World Health day was observed on 10.04.2017. Dr. Mala, Psychologist, Counsellor, VHS, delivered a guest lecture on the theme "Depression- Let's talk".

International Midwives day was observed on 05.05.2017. Dr. Naseem Amir, Consultant in VHS delivered a guest lecture on Importance of partnership in pregnancy, birth and parenting process. Commemorating World No Tobacco Day, the students participated in Human Chain formation on the theme "Tobacco – A Threat" organised by the Tamil Nadu Health Ministry on 31.05.17 at Madras Medical College Hospital, E.V.R Salai.

A State level workshop on Statistical Analysis and Its Interpretation was organized by the college for the faculty members from 01.07.2017 to 02.07.2017 which was sponsored by the management. Dr. A. Ravanan, HOD, Department of Statistics, Presidency College was the Chief Guest as well as the key speaker.



The Alumni Association of MACCON & SON organized the first State level Seminar on “Getting ahead without getting behind- The Motivational way” on 23.09.2017. Commemorating World Heart Day, a Guest Lecture on “Preventive Cardiac Care” was delivered by Dr. Su. Thillai Vallal, Senior Consultant Cardiologist, Managing Director, Venkataeswara Hospitals on 03.10.2017.

A Dengue awareness programme was organized on 24.10.17 in the college auditorium. Dr. Rajamanickam, Vector borne disease consultant from Directorate of Public Health gave lecture on prevention and management of dengue fever

The Silver Jubilee valedictory programme was conducted on 18.11.17 at Raja Annamalai Mandram. Dr.A.C. Muthiah, Managing Trustee & Senthamizh Thilagam Dr. (smt). Devaki Muthiah, Trustee, MAC (Educational) Foundation presided and Dr. Ani Grace Kalaimathi, Registrar, Tamil Nadu Nurses and Midwives Council was the chief guest.

Dr. Joseph D Williams, Director Projects, VHS delivered the special address. All faculty members and students were honoured with the silver coin.

On 23.12.2017, Lamp lighting ceremony for B.Sc (N) and DGNM students and graduation ceremony for B.Sc(N), 21<sup>st</sup> batch; DGNM, 13<sup>th</sup> batch; PBBSC(N), 4<sup>th</sup> batch and M.Sc(N), 14<sup>th</sup> batch was conducted. Dr. S. Kanchana, Principal, Omayal Achi College of Nursing lit the Florence Nightingale lamp and Dr. M. Kumaresan, Virtual Reality Director, Siva ENT Hospital, Chennai, the Chief Guest addressed the students and distributed prizes and certificates.

National Martyr Day was observed on 30.01.2018. Mr.P.Pandian, President, Dakkar Baba Vidhyalaya, GIFT delivered a speech followed by which the students participated in a Peace rally from the college campus till Gandhi Mandapam.

On 10.03.2018, XXIII Annual Sports Meet was organized in the college premises. Dr.A.C. Muthiah, Managing Trustee & Senthamizh Thilagam Dr. (smt). Devaki Muthiah, Trustee, MAC (Educational) Foundation presided and Mr. Bosskey, Former Vizzy Trophy Cricketer & Film and T.V personality was the chief guest and declared the sports meet open.

On 24.03.2018, on World Tuberculosis Day, NSS volunteers participated in rally organized by Indian Development Foundation and Gremaltes Hospital at Elliots Beach, Besant Nagar.

## SUPPORT NEEDED

| DEPARTMENT                  | SCHEMES  | FUNDS NEEDED   |
|-----------------------------|--|--|
| General Surgery             | For Cancer patients – Surgery, Chemotherapy and follow up                    | Rs. 25 lakh per year to fund 20 patients.  |
|                             | Treatment of diabetic infection  | Rs. 50,000 per patient   |
|                             | Procurement of laparoscopic and endoscopy equipment and imparting training.  | Rs. 40 lakh  |
| Ophthalmology               | “Vision for All” – Cataract surgeries at subsidised rates for poor patients. | Rs. 3000 per surgery.  |
| Department of Gynaecology   | Funding deliveries for poor people   | Rs.5000 per delivery for normal delivery   |
|                             | New clothing for new born babies   | Wishes of the donor  |
|                             | “Arokiya Thaa”/ “ Healthy Mother”  | Funds to buy nutrition supplements for post-natal mothers  |
|                             | Procurement of Foetal Doppler and Cardiotochograph                           | Rs. 3,75,000 for the machines put together   |
| Fertility Clinic            | Funding IUI patients from the poor category                                  | Rs. 5000 per patient   |
|                             | Full – fledged Infertility Centre  | Rs. 30 lakh  |
| Community Health Project    |  |  |
| Diabetes Department         | Treatment of Type 1 diabetic children  | Funding for treatment of Type 1 diabetic children from the under privileged sections of the society.   |
|                             | Funding school and college education of the young diabetes                   | To help the lower income groups by funding their school and college education, helping them with job placements and also vocational training, entrepreneurial work training, etc. This also qualitatively improves the lives of these young diabetics. |
|                             | Surgeries and Research   | Expenses for specialised surgeries, particularly ophthalmology services, are borne by the Department.  |
| Poor Feeding                | Free food for FG card holders admitted under General Ward category           | Rs. 100 per day per patient. Rs 12 lakh per annum is being incurred  |
| Intensive Care Unit         | Up-gradation of the facilities   | Rs. 20 lakh  |
| Hospital Information System | VHS requires a fully networked Hospital Information System                   | About Rs. 50 to 60 lakh including software   |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113**  
**LIST OF DONATIONS RECEIVED FRM 1 APRIL 2017 TO 31 MARCH 2018**

| <b>NAME OF THE DONOR</b>                         | <b>AMOUNT</b> |
|--|---------------|
| Ms. N. Meenakshi                                 | 3,000,000     |
| Mr. K. Mahesh                                    | 2,700,000     |
| M/s. TVS Motor Company Ltd                       | 2,500,000     |
| M/s. TAG Corporation Private Limited             | 2,000,000     |
| M/s. Financial Software & Systems P Ltd          | 1,500,000     |
| Mr. G N. Pathak                                  | 1,500,000     |
| M/s. The Sathya Narayana Charitable Trust        | 1,500,000     |
| M/s. Vellayan Chettiar Trust                     | 1,500,000     |
| Estate of A.N. Rajalakshmi                       | 1,186,852     |
| Estate of Sri T. Dandapani                       | 1,000,000     |
| Mr. Jagannath Sudarsanam Rajagopal               | 1,000,000     |
| Mr. N. Krishnan                                  | 1,000,000     |
| Mr. R. Rajagopal                                 | 1,000,000     |
| Mr. Sathya                                       | 1,000,000     |
| M/s. Sun Foundation                              | 1,000,000     |
| M/s. Sundaram BNP Paribas Home Finance           | 1,000,000     |
| M/s. VA TACH WABAG Ltd                           | 931,975       |
| M/s. Husqvarna India Products Pvt Ltd            | 800,000       |
| Ms. Shanthi Rajagopal                            | 800,000       |
| M/s. Shree Sarita Jain Foundation                | 719,200       |
| M/s. Natesan Synchrocones                        | 715,000       |
| Ms. M.S. Parthasarathy Malathi                   | 500,000       |
| M/s. Aravind Laboratories                        | 500,000       |
| M/s. Perkinelmer India Pvt Ltd                   | 500,000       |
| Mr. N. Murali                                    | 500,000       |
| Mr. S. Vinodh Kumar                              | 500,000       |
| M/s. Sivasankari Chandrasekaran Charities        | 500,000       |
| M/s. Srinivasa Foundation                        | 500,000       |
| M/s. Kasturi and Sons Limited                    | 405,000       |
| M/s. IDBI Federal Insurance Ltd                  | 400,000       |
| Dr. M.C. Vasudevan                               | 354,500       |
| Ms. Sundari Ganesh Narayan                       | 300,000       |
| M/s. CEC Flavours and Fragrances Private Limited | 348,000       |
| C/O  | 33,660,527    |

|  |                   |
|--|-------------------|
| <b>B/O</b>                               | <b>33,660,527</b> |
| M/s. ACSYS Investments                   | 255,000           |
| Ms. Menaka Parthasarathy                 | 250,000           |
| M/s. Repco Home Finance Ltd              | 200,000           |
| M/s. Rambal Ltd                          | 200,000           |
| M/s. Sun Pharma Laboratories Limited     | 196,000           |
| M/s. Charities Aid Foundation            | 154,008           |
| Dr. Uma Ram                              | 150,000           |
| M/s. Greenways Shipping Agencies Pvt ltd | 150,000           |
| Mr. Sridhar Thiruvengadam                | 150,000           |
| Ms. Aparna Rajagopal                     | 300,000           |
| Mr. T.R. Subramanian                     | 150,000           |
| M/s. Manava Seva Trust                   | 123,895           |
| Ms. Vidya Nagarajan                      | 100,001           |
| Ms. Bapalal B. Mehta Chartiable Trust    | 100,000           |
| M/s. G. V. Ramachandraiah Memorial Trust | 100,000           |
| Mr. S.C.B. Mohan                         | 100,000           |
| Ms. Santa Ramachandran                   | 100,000           |
| Ms. Chitra V Ramani                      | 100,000           |
| M/s. Cooking Gas Agency                  | 100,000           |
| Ms.R. Pushkala                           | 100,000           |
| Mr. S.S. Vasudevan                       | 100,000           |
| M/s. Sundaraja Memorial Trust            | 100,000           |
| M/s. THG Publishing                      | 90,000            |
| Dr. Shyam Sundar Krishnan                | 75,000            |
| Mr. S. Subramaniam                       | 75,000            |
| Mr. N. Venkataraman                      | 60,000            |
| M/s. Co Needs                            | 60,000            |
| M/s. Vasta Biotech P Limited             | 60,000            |
| Mr. C. Shankar                           | 51,000            |
| Ms. S. Abhinaya                          | 51,000            |
| Ms. S. Avanthika                         | 51,000            |
| Ms. S. Gayathri                          | 51,000            |
| Mr. Bala K Subramaniam                   | 50,000            |
| Dr. S. Rajaram                           | 50,000            |
| M/s. D Engineering P Ltd                 | 50,000            |
| Ms. Kiruthika                            | 50,000            |
| M/s. Umang Foundation                    | 50,000            |
| Mr. R. Rama Chandran                     | 50,000            |
| Mr. T.N. Ravi Shankar                    | 50,000            |
| C/O                                      | 37,913,431        |

|  |                   |
|--|-------------------|
| B/O  | <b>37,913,431</b> |
| Mr. P. Sukumar                                 | 48,000            |
| Mr. N. Natarajan                               | 45,000            |
| M/s. THG Publishing                            | 45,000            |
| Mr. P. Amirtha Hariraj                         | 52,000            |
| Mr. T. R. Ramachandran                         | 40,000            |
| Mr. Gautam Panchu                              | 35,000            |
| M/s. Phoenix Agencies                          | 30,000            |
| Ms. Rama Bai                                   | 30,000            |
| Mr. A.G. Muthu Krishnan                        | 25,000            |
| Mr. A.M. Gopinath                              | 25,000            |
| Mr. B. Gopalan                                 | 25,000            |
| Dr. K. Mathangi Ramakrishnan                   | 25,000            |
| Dr. Saroj Prakash                              | 25,000            |
| M/s. Lakshmipathy Seshachalam Charitable Trust | 25,000            |
| Ms. Meenakshi Prasannan                        | 25,000            |
| Mr. P.K. Raghunathan                           | 25,000            |
| Mr. R. Mani                                    | 25,000            |
| Mr. S. Nagarajan                               | 25,000            |
| Mr. S. Sundar                                  | 25,000            |
| Mr. Sriram Panchu                              | 25,000            |
| M/s. Kappa Charitable Trust                    | 25,000            |
| Ms. Gita Gopalakrishnan                        | 25,000            |
| Mr. S.K. Ramanathan                            | 25,000            |
| Mr. S. Ganesh                                  | 25,000            |
| M/s. Sundaram Clayton Ltd                      | 24,000            |
| M/s. Ashok Leyland Ltd                         | 21,660            |
| Employees of Ashok Leyland Ltd                 | 21,660            |
| Mr. K. Raja                                    | 21,000            |
| Lodge Vidya                                    | 21,000            |
| Ms. B. Preethi                                 | 20,000            |
| Dr. K. S. Dhathathreyan                        | 20,000            |
| M/s. DRBCCC Charities                          | 20,000            |
| Mr. K. T. Ramachandran                         | 20,000            |
| Ms. Janakinathen                               | 20,000            |
| Mr.V. Srinivasa Raghavan                       | 20,000            |
| Mr. T.N. Sundaram                              | 20,000            |
| M/s. Thursday Ladies Chartible Trust           | 20,000            |
| Mr. A. Durga Prasad Rao                        | 15,000            |
| Dr. Balram Dogra                               | 15,000            |
| C/O  | <b>38,937,751</b> |

|                             |                   |
|-----------------------------|-------------------|
| <b>B/O</b>                  | <b>38,937,751</b> |
| Mr. M.V. Subramanian        | 15,000            |
| Mr. P.R.K. Murthy           | 15,000            |
| Ms. R. Revathi              | 12,000            |
| Mr. Bhajanlal Uttamchand    | 10,000            |
| Dr. K.S. Ramakrishna        | 10,000            |
| Dr. Karthik Muralidhar      | 10,000            |
| M/s. Hemophilia Society     | 10,000            |
| Ms. Jayanthi Venkatraman    | 10,000            |
| Mr. Lakshmi Viswanathan     | 10,000            |
| Mr. A. Raja                 | 10,000            |
| Mr. M.B. Pranesh            | 10,000            |
| Mr. Meghan Mahes Raman      | 10,000            |
| Mr. P. Rajan                | 10,000            |
| Mr. Ramasubramaniam         | 10,000            |
| Ms. Chitra Venkatramani     | 10,000            |
| Ms. Radhika Ramani          | 10,000            |
| Ms. Mythili Narayanan       | 10,000            |
| Ms. Padma Subramanyam       | 10,000            |
| Ms. Usha Ramesh             | 10,000            |
| M/s. PROBUS Club of Chennai | 10,000            |
| Ms. S. Bhanumathy           | 10,000            |
| Ms. S. Deepthi              | 10,000            |
| Mr. Shri Krishna Ashpalt    | 10,000            |
| Ms. K.R. Lakshmi Rani       | 10,000            |
| Mr. S.N. Daga               | 10,000            |
| Ms. Sundari Chander         | 10,000            |
| Mr. TR. Rama Chandran       | 10,000            |
| Ms. Rajeswari               | 10,000            |
| Mr. S. Chandra Mohan        | 6,000             |
| Mr. Mayur Vyas              | 5,001             |
| Ms. Vatsala Krishnamurthy   | 5,001             |
| Mr. B. Murugavel            | 5,000             |
| Ms. B. Saraswathy           | 5,000             |
| Mr. Bhagirathi Narayanswami | 5,000             |
| Mr. Pradeep Ravichandran    | 5,000             |
| Mr. Sanjay                  | 5,000             |
| Ms. Meenakshi               | 5,000             |
| Ms. Sundari Nyapathy        | 5,000             |
| Ms. Sabitha Jayaraman       | 5,000             |
| M/s. N.T. Dugar Foundation  | 5,000             |
| <b>C/O</b>                  | <b>39,290,753</b> |

|                                       |                   |
|---------------------------------------|-------------------|
| <b>B/O</b>                            | <b>39,290,753</b> |
| Mr. R. Srinivasan                     | 5,000             |
| Ms. Latha Nagarajan                   | 5,000             |
| Mr .A. Srinivas                       | 5,000             |
| M/s. Jayalakshmi Ganapathi Foundation | 4,000             |
| Ms. V. Malathy                        | 4,000             |
| Mr. T.G. Sundaram Iyer                | 3,001             |
| Ms. Lalitha Ranganathan               | 3,000             |
| Ms. Meena Narayanasawamy              | 3,000             |
| Ms. Chitra Venkatramani               | 3,000             |
| Ms. Sarojini Palanivelu               | 3,000             |
| M/s. DRNGS Charitable Trust           | 2,500             |
| Mr. S. Gurumurthy                     | 2,000             |
| Ms. Jayalakshmi                       | 1,000             |
| Mr. Ramaswamy                         | 1,000             |
| Ms. Uma Naganathan                    | 1,000             |
| Ms. Subadhra                          | 1,000             |
| Ms. Sujatha Balasubramaniam           | 1,000             |
| Swami Atmananda                       | 1,000             |
|                                       | <b>39,339,254</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113**  
**LIST OF DONATIONS RECEIVED FROM 1 APRIL 2017 TO 31 MARCH 2018**

|  |                   |
|--|-------------------|
| Donation for working Expenses (Revenue Donation) | 12,944,681        |
| Donation Capitalised                             | 8,359,872         |
| Diabetic Project                                 | 5,480,201         |
| Stroke Project                                   | 4,820,000         |
| Endowment Fund                                   | 4,650,000         |
| TAG-VHS Research A/C                             | 1,182,000         |
| Community Health Project                         | 750,000           |
| Dr.A.Lakshmipathi Neurosurgical Centre           | 570,500           |
| Eye Project                                      | 158,000           |
| Cardiology                                       | 150,000           |
| MRC Hospital                                     | 144,200           |
| Paediatric Growth Fund                           | 48,000            |
| Poor feeding fund                                | 30,000            |
|  | <b>39,257,454</b> |
| Donation in Kind                                 | 1,230,584         |
| Donation u/s 35 (1) (ii)                         | 10,835,160        |
| Donation u/s 80G                                 | 28,422,294        |
|  | <b>39,257,454</b> |



**LIST OF FOREIGN CONTRIBUTIONS/GRANTS RECEIVED  
FROM 1 APRIL 2017 TO 31 MARCH 2018**

| Name of the Donor/Institution                  | Currency    | Amount             |
|--|-------------|--------------------|
| <b>Contributions:</b>                          |             |                    |
| Ram Narayan Gopalakrishnan & Sharada Vittalpur | USD 2000    | 125,768            |
| Mohan Sampath                                  | INR         | 50,000             |
|  |             | <b>175,768</b>     |
| <br><b>GRANTS</b>                              |             |                    |
|  |             | <b>Rs.</b>         |
| CDC Projects                                   | USD 1804061 | 117,472,746        |
| VHS-MSA DIVA PROJECT                           | USD 198139  | 12,771,393         |
|  |             | <b>130,244,139</b> |

**THE VOLUNTARY HEALTH SERVICES CHENNAI  
GRANT IN AID RECEIVED FROM 1 APRIL 2017 TO 31 MARCH 2018**

|  |                  |
|--|------------------|
| <b><u>Grant from Tamil Nadu Government</u></b>                       | Rs.              |
| For Maintenance of Hospital -Bed Maintenance                         |                  |
| Advance Grant for 2017-18 - Two Instalments @<br>Rs.1,200,000/= each | 2,400,000        |
| Advance Grant for the year 2016-17                                   | 4,863            |
| Science and Engineering Research Board                               | 350,000          |
| Total Grant-in-Aid received  | <b>2,754,863</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113**  
**PARTICULARS OF SPECIFIC ENDOWMENT AS ON MARCH 2018**

| <b>A.FUNDS:</b>                                      | <b>Rs.</b> |
|--|------------|
| <b>For Maintenance of Madras Race Club Hospital:</b> |            |
| Endowment Fund                                       | 10,955,594 |
| Poor Feeding Fund                                    | 3,258,509  |
| Sri M.A.Chidambaram Acute Care Fund                  | 2,500,000  |
| Nephrology Fund                                      | 600,000    |
| Venky's Audio Therapy Fund                           | 200,000    |
| Raffle Fund  | 158,453    |
| Ranganayaki Memorial Fund                            | 100,023    |
| Mrs.Savitri Rajan Geriatric Fund                     | 100,000    |
| Sri V.R.Sundaram Retina Fund                         | 50,000     |
| M/S.Thirugnanam & co Endowment Fund                  | 30,000     |
| Dr.L.J.Comfort Endowment Fund                        | 28,000     |
| Mrs.Jaya Parikshit Geriatric Fund                    | 5,000      |
| Seshadri Renal Fund                                  | 5,000      |
| <b>For Dr.A.Lakshmipathi Neurosurgical Centre:</b>   | 500,000    |
| Arogya Ashrama Samithi                               | 200,000    |
| <b>For Medical Aid Plan:</b>                         |            |
| Sri C.U.Shah Charities Endowment Fund                | 500,000    |
| M/s. Larsen& Toubro Day Care Centre Fund             | 400,000    |
| <b>For Diagnostic Centre:</b>                        |            |
| Jadhavbai Nathmal Singhvi Fund                       | 500,000    |
| <b>For Blood Bank:</b>                               |            |
| Aravind Laboratories & Sri Venkatesa Agencies        | 2,800,000  |
| Mrs. Vatsala Krishnamurthi                           | 50,000     |
| Estate of Dr.K.S.Ranganathan                         | 25,000     |
| <b>For Leprosy Research:</b>                         |            |
| Sri M.S.Krishnamurthi & his sons                     | 100,000    |
| Lions Club of Madras (Host club)                     | 25,000     |
| Mrs.Savitri Rajan                                    | 10,000     |
| Sri Krishnaswami                                     | 5,000      |
| <b>For Eye Project:</b>                              |            |
| Eye Retina Endowment Fund                            | 1,000,000  |
| Vankamamidi Anasuya Research Endowment Fund          | 1,000,000  |
| Pavithra Kotha Vijayakumar Memorial Fund             | 1,00,000   |
| <b>For Psychiatry:</b>                               |            |
| Arjun Krishnan Endowment Fund                        | 1,000,000  |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113**  
**PARTICULARS OF SPECIFIC ENDOWMENT AS ON MARCH 2018**

**For K.Gopalakrishna department of Neurology:**

|   |         |
|---|---------|
| Mrs. Hema Ramakrishnan Fund by her Children | 211,051 |
| Estate of smt C.Jayammal                    | 200,000 |
| M/S Carburettors Ltd                        | 50,000  |
| Dr.D.Kamala                                 | 30,000  |
| Srihari Charitable Trust                    | 25,000  |
| Sri T.S.Sankararaman                        | 25,000  |
| Others                                      | 25,000  |
| Dr.Usha Rubugunday                          | 20,000  |
| Dr.N.D.Ramanujam                            | 20,000  |
| M/S.Dalmia Cement (Bharat) Ltd              | 10,000  |
| Mrs Radhamani Fund by Sri R.Sundararaman    | 5,000   |

**For Diabetes projects:**

|  |           |
|--|-----------|
| M/S Parle Exports Pvt Ltd                                    | 1,500,000 |
| Aqua Minerals Pvt Ltd  | 500,000   |
| Estate of sri T.N.Krishnaswami                               |           |
| 1.Towards Treatment of Diabetes& Research in Diabetes        | 150,000   |
| 2.Towards Treatment of Juvenile Diabetics in children's Ward | 150,000   |
| 3.Towards Treatment of Eye Diseases                          | 150,000   |
|  | 450,000   |
| M/S Bapalal Mehta Charitable Trust                           | 400,000   |
| Mrs Jaya Krishnan  | 200,000   |
| Sanjab Chouhan   | 100,000   |
| Mrs.Sushila Ramaswamy  | 100,000   |
| Mrs.S.Jayalakshmi  | 100,000   |
| Dr.D.V.Krishnamurthi   | 100,000   |
| Others   | 94,998    |
| Sri T.N.Krishnaswamy   | 39,001    |
| Mrs.Kokila Thanu   | 25,000    |
| M/S TAG Corporation  | 10,000    |
| T.C.Trust  | 5,001     |
| Dr.Mrs Prema Krishnaswamy                                    |           |
| 1.G.K.Subramaniam Fund                                       | 6,000     |
| 2. Rao Sahib C.V.Krishnaswamy Iyer Fund                      | 5,000     |
| Gowri Bhadrans Fund  | 5,000     |
| FACIT Asia Ltd   | 5,000     |
| Mrs Janaki Narayanan   | 5,000     |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113**  
**PARTICULARS OF SPECIFIC ENDOWMENT AS ON MARCH 2018**

**For Community Health Projects :**

|                    |           |
|--------------------|-----------|
| General Fund       | 1,600,000 |
| J.C.Kumarappa Fund | 33,000    |
| C.M.Maichael Fund  | 11,150    |

**For Educational Programme:**

|                                   |         |
|-----------------------------------|---------|
| General Fund                      | 200,000 |
| Dr.Rangachari Fund                | 100,000 |
| Prof.K.B.Madhava Fund             | 55,000  |
| Dr.K.S.Ranganathan GMT Prize Fund | 1,000   |

**Other Funds:**

|   |            |
|---|------------|
| R.Choodamani Endowment Fund                             | 10,000,000 |
| Bank of Baroda Staff Welfare Fund                       | 1,500,000  |
| Indian Bank Staff Welfare Fund                          | 1,500,000  |
| Smt.Lakshmi Murthy & Smt Sheila Jawahar Endowment       | 1,500,000  |
| Mrs.Lakshmi Iyer Centenary Fund                         | 1,211,672  |
| Protein Research Fund                                   | 1,150,000  |
| Sugal& Damani Endowment Fund                            | 1,100,000  |
| Dr.K.S.Sanjivi Memorial Research& Development Fund      | 652,856    |
| Dr.B.Ramamurthy& Dr.S.Dibbala Rao Resident Stipend Fund | 475,116    |
| Staff Welfare Fund                                      | 337,590    |
| SABRA Fund  | 300,000    |
| Dr.K.S.Sanjivi Endowment Lecture Fund                   | 240,000    |
| J.Srinivasan Cardiac Research Fund                      | 170,262    |
| Sugalchand Jain Munis Treatment Fund                    | 100,000    |
| Estate of Sri R.H.Ranga Rao Endowment Fund              | 100,000    |
| Capt.Jayaram Endowment Fund                             | 65,000     |
| Sri Varasiddhi Vinayagar Temple Fund                    | 39,000     |
| Chemotherapy projects Fund                              | 35,000     |
| B.Jagannathadas Endowment Fund                          | 30,000     |
| Mrs.Alamelu Sanjivi Garden Fund                         | 22,500     |
| Dr.Subramaniam Suresh Library Fund                      | 20,001     |
| S.Krishnamurthi Ischaemic Cardiac Fund                  | 10,100     |
| Sir Vepa Ramesam Nutrition & Dietetics Fund             | 6,000      |

**General Reserve Fund:**

|   |           |
|---|-----------|
| Others  | 4,103,578 |
| Estate of Smt.C.Jayammal                          | 997,922   |
| Southern Petrochemical Industries Corporation Ltd | 500,000   |
| Sundaram Clayton Ltd                              | 500,000   |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113**  
**PARTICULARS OF SPECIFIC ENDOWMENT AS ON MARCH 2018**

|  |           |
|--|-----------|
| Mahalingam Maniammal Manivizha Trust                       | 250,000   |
| M/S V.D.Swami& Company Ltd                                 | 200,000   |
| M/S.Sugal & Damani   | 100,000   |
| Sri.P.Subrahmaniam and Smt.Meena Subrahmaniam              | 500,000   |
| Dr.A.R.Subrahmanyam Memorial Research and Development Fund | 2,500,000 |
| Dr.A.R.Subrahmanyam Memorial Lecture Fund                  | 650,000   |
| Smt.Balambal Subrahmanyam Research and Development Fund    | 2,500,000 |
| Working Capital Reserve Fund                               | 1,880,000 |

**B.CAPITAL RESERVES:**

|   |             |
|---|-------------|
| Donations Capitalised Reserve                     | 231,351,856 |
| Reserve for Govt of India Equipment Grant         | 639,488     |
| For Grants From Tamil Nadu Government:            |             |
| Building Construction                             | 2,195,867   |
| Additional Compensation paid For Land             | 42,348      |
| Equipment   | 189,404     |
| For India Population Projects V :                 |             |
| Building Construction                             | 1,935,696   |
| Equipment   | 380,718     |
| Blood Bank Building Construction                  | 2,915,339   |
| For YRG Medical Educational & Research Foundation |             |
| Working Capital Reserve                           | 12,856,147  |
| Building Construction                             | 12,678,882  |
| Maintenance Reserve                               | 2,840,897   |
| Department of General Surgery Reserve             | 1,563,971   |
| Acute Care Centre Reserve                         | 340,903     |
| Neurosurgery Department Reserve                   | 250,000     |
| Geriatric Reserve                                 | 109,042     |

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NOTE:

Funds under **Section A**- Invested in Nationalised Banks and/or Central and State Government Undertaking

Reserves in **Section B**- Covered by Investment in land, Building, Equipment, etc

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## **AUDITOR'S REPORT**

1. We have audited the attached Balance Sheet of The Voluntary Health Services, Chennai, as at 31st March 2018 and the Income and Expenditure Account for the year ended on that date, annexed thereto. These Financial Statements are the responsibility of the VHS management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with the auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by the management as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

2. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit.
3. In our opinion proper books of account have been kept by the said Voluntary Health Services, so far as appears from our examination of those books.
4. The Balance Sheet and Income & Expenditure Account dealt with by this report are in agreement with the books of account.
5. In our opinion and to the best of our information and according to the explanations given to us, the said accounts together with the schedules annexed thereto give a true and fair view.
  - a) In the case of Balance Sheet of the state of affairs of the above named Institution as at 31st March 2018, and
  - b) In the case of Income and Expenditure Account of the Excess of Expenditure over Income for the year ended on that date.

For **AIYAR & CO.**  
Chartered Accountants  
Regn. No.000063S

**N. SRIDHARAN**  
Proprietor  
Membership No.20503

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**BALANCE SHEET AS AT 31 MARCH 2018**

| AS AT<br>31.03.2017<br>Rs. | LIABILITIES<br><u>RESERVES</u>                        | SCH<br>'A' | Rs.         | AS AT<br>31.03.2018<br>Rs. | AS AT<br>31.03.2017<br>Rs. | ASSETS<br><u>FIXED ASSETS</u>                        | SCH<br>'E' | Rs.           | AS AT<br>31.03.2018<br>Rs. |
|----------------------------|---|------------|-------------|----------------------------|----------------------------|--|------------|---------------|----------------------------|
| 242,739,141                | CAPITAL RESERVES                                      |            | 252,329,597 |                            | 303,267,147                | GROSS BLOCK  |            | 321,628,853   |                            |
| 17,563,510                 | OTHER RESERVES  |            | 17,960,960  |                            | (118,814,780)              | <u>LESS - DEPRECIATION</u><br><u>UPTO 31.03.2018</u> |            | (139,648,395) |                            |
| 260,302,651                |   |            | 270,290,557 | 270,290,557                | 184,452,367                |  |            | 181,980,458   | 18,190,458                 |
| 61,285,377                 | ENDOWMENT RESERVE FUND                                | 'B'        |             | 65,965,377                 | 61,026,363                 | INVESTMENTS  | 'F'        |               | 66,139,549                 |
|                            | <u>CURRENT LIABILITIES</u><br><u>&amp; PROVISIONS</u> | 'C'        |             |                            |                            | CURRENT ASSETS,<br>LOANS, ADVANCES<br>AND DEPOSITS   | 'G'        |               |                            |
| 6,407,718                  | a. Current Liabilities                                |            | 7,789,763   |                            |                            | a. Current Assets                                    |            | 52,599,109    |                            |
| 736                        | b. Other Liabilities                                  |            | 736         |                            | 68,037,931                 | b. Loan Advances                                     |            | 892,000       |                            |
| 18,319,032                 | c. Deposit Re-payable                                 |            | 19,169,032  |                            | 931,922                    | c. Trade Deposits                                    |            | 3,948,052     | 57,439,161                 |
| 24,727,486                 |   |            | 26,959,531  | 26,959,531                 | 3,128,754                  |  |            |               |                            |
|                            |   |            |             |                            | 72,098,607                 |  |            |               |                            |
| 12,542,594                 | Loan due to HDFC Bank Ltd                             |            |             | 10,346,953                 |                            |  |            |               |                            |
| 36,510,354                 | OD with IOB VHS                                       |            |             | 37,766,447                 | 137,262,572                | INCOME &<br>EXPENDITURE a/c.                         | 'H'        |               | 159,488,884                |
| 59,471,447                 | UNSPENT BALANCES IN PROJECT<br>ACCOUNTS               | 'D'        |             | 53,719,187                 |                            |  |            |               |                            |
| <b>454,839,909</b>         |   |            |             | <b>465,048,052</b>         | <b>454,839,909</b>         |  |            |               | <b>465,048,052</b>         |

Note: Schedules referred to above form an integral part of the Balance Sheet

Annexure to our report of even date

For Aiyar & Co.,

Chartered Accountants

Regn. No.000063S

N. SRIDHARAN

Proprietor

Membership No.20503

S. SURESH

Hony. Secretary

J.Srinivasan

Hony. Treasurer

M.S. SWAMINATHAN

President

Chennai, dated 21 August 2018

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2018**

|   | 31.03.2018         | 31.03.2017         |
|---|--------------------|--------------------|
|   | Rs.                | Rs.                |
| <b><u>SCHEDULE " A " - RESERVES</u></b>             |                    |                    |
| <b><u>CAPITAL RESERVES</u></b>                      |                    |                    |
| Donations Capitalised                               | 231,351,856        | 221,761,400        |
| Equipment Grant from Govt. of India                 | 639,488            | 639,488            |
| Grant from Tamilnadu Govt. :                        |                    |                    |
| For Buildings                                       | 2,195,867          | 2,195,867          |
| Additional Compensation for land                    | 42,347             | 42,347             |
| Equipment   | 189,404            | 189,404            |
| Grant from India Population Project V               |                    |                    |
| For Building Construction                           | 1,935,696          | 1,935,696          |
| For Equipment                                       | 380,718            | 380,718            |
| YRG Medical, Educational & Research Foundation      |                    |                    |
| For Building  | 12,678,882         | 12,678,882         |
| Blood Bank Building Construction                    | 2,915,339          | 2,915,339          |
|   | <b>252,329,597</b> | <b>242,739,141</b> |
| <b><u>OTHER RESERVES</u></b>                        |                    |                    |
| Reserve for:  |                    |                    |
| Department of Geriatrics                            | 109,042            | 109,042            |
| Department of Neurosurgery                          | 250,000            | 250,000            |
| Acute Care Centre                                   | 340,903            | 326,153            |
| Department of General Surgery                       | 1,563,971          | 1,563,971          |
| Maintenance Reserve                                 | 2,840,897          | 2,610,497          |
| Working Capital Reserve                             | 12,856,147         | 12,703,847         |
|   | <b>17,960,960</b>  | <b>17,563,510</b>  |
| <b><u>SCHEDULE " B " ENDOWMENT RESERVE FUND</u></b> |                    |                    |
| Poor Feeding Fund                                   | 3,258,509          | 3,228,509          |
| Endowment Fund                                      | 9,455,594          | 8,805,594          |
| M.A. Chidambaram Acute Care Fund                    | 2,500,000          | 2,500,000          |
| Dr. A. Lakshmipathy Research & Development Fund     | 700,000            | 700,000            |
| Nephrology Fund                                     | 600,000            | 600,000            |
| Venky's Audiotherapy Fund                           | 200,000            | 200,000            |
| Ranganayaki Memorial Fund                           | 100,023            | 100,023            |
| Raffle Fund   | 158,453            | 158,453            |
| V.R. Sundaram Retina Fund                           | 50,000             | 50,000             |
| Savithri Rajan Geriatric Fund                       | 100,000            | 100,000            |
| Seshadri Renal Fund                                 | 5,000              | 5,000              |
| Jaya Parikshit Geriatric Fund                       | 5,000              | 5,000              |
| C.U. Shah Medical Aid Plan                          | 500,000            | 500,000            |
| Larsen & Tubro Day Care Centre Fund                 | 400,000            | 400,000            |
| Jadhavbai Nathmal Singhvi Diagnostic Centres Fund   | 500,000            | 500,000            |
| Aravind Laboratory Fund                             | 2,800,000          | 2,800,000          |
|   | <b>21,432,579</b>  | <b>20,752,579</b>  |
| C/O   |                    |                    |



**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2018**

|  | <b>31.03.2018</b> | <b>31.03.2017</b> |
|--|-------------------|-------------------|
| <b>SCHEDULE " B "</b>  | <b>Rs.</b>        | <b>Rs.</b>        |
| <b>ENDOWMENT RESERVE FUND</b>  | <b>21,432,579</b> | <b>20,752,579</b> |
| <b>B/F</b>   |                   |                   |
| Dr. K.S. Ranganathan Blood Bank Fund                                       | 75,000            | 75,000            |
| Leprosy Research Fund  | 140,000           | 140,000           |
| General Reserve Fund   | 12,801,500        | 11,301,500        |
| Working Capital Reserve Fund   | 1,880,000         | 1,880,000         |
| Chemotherapy Fund  | 35,000            | 35,000            |
| S. Krishnamurthy Ischemic Cardiac Fund                                     | 10,100            | 10,100            |
| B. Jagannadhadas Endowment Fund  | 30,000            | 30,000            |
| Mrs. Alamelu Sanjivi Garden Fund   | 22,500            | 22,500            |
| Dr. K.S. Sanjivi Memorial R & D Fund                                       | 652,856           | 652,856           |
| Dr. Rangachari Education Fund  | 100,000           | 100,000           |
| Prof. K.B. Madhava Education Fund  | 55,000            | 55,000            |
| Teaching Programme Fund  | 200,000           | 200,000           |
| Dr. K.S. Ranganathan GMT Prize Fund  | 1,000             | 1,000             |
| Community Health Project Fund  | 1,600,000         | 1,600,000         |
| R. Choodamani Endowment Fund   | 10,000,000        | 10,000,000        |
| J.C. Kumarappa Memorial Fund   | 33,000            | 33,000            |
| C.M. Maichael Fund   | 11,150            | 11,150            |
| Stroke Project   | 621,051           | 621,051           |
| Diabetic Project Fund  | 3,450,000         | 3,450,000         |
| Protein Research Project Fund  | 1,150,000         | 1,150,000         |
| SABRA Fund   | 300,000           | 300,000           |
| J. Srinivasan Cardiac Research Fund  | 170,262           | 170,262           |
| Dr. Subramaniam Suresh Library Fund  | 20,001            | 20,001            |
| Dr. K.S. Sanjivi Endowment Lecture Fund                                    | 240,000           | 240,000           |
| Captain S. Jayaram Endowment Fund  | 65,000            | 65,000            |
| Sir Vepa Ramesam Nutrition & Dietetics Fund                                | 6,000             | 6,000             |
| Dr. B. Ramamurthi & Dr. Dibbala Rao Neurosurgery<br>Residents Stipend Fund | 475,116           | 475,116           |
| Bank of Baroda Medical Relief Fund   | 1,500,000         | 1,500,000         |
| Sugal & Damani Endowment Fund  | 1,100,000         | 1,100,000         |
| Indian Bank Staff Welfare Scheme Fund                                      | 1,500,000         | 1,500,000         |
| Smt.Lakshmi Murthy & Smt Shelia Jawahar endowment                          | 1,500,000         | 1,500,000         |
| Sugalchand Jain Muni Treatment Fund  | 100,000           | 100,000           |
| R.H. Ranga Rao Endowment Fund  | 100,000           | 100,000           |
| Staff Welfare Fund   | 337,590           | 337,590           |
| Retina Endowment Fund  | 1,000,000         | 500,000           |
| Pavithra Kotha Vijayakumar Memorial Fund                                   | 100,000           | 1,00,000          |
| Arjun Krishnan Endowment Fund  | 1,000,000         | -                 |
| Vankamamidi Anasuya Research Endowment Fund                                | 1,000,000         | -                 |

|                                     |                   |                   |
|-------------------------------------|-------------------|-------------------|
| Sri Varasidhi Vinayagar Temple Fund | 39,000            | 39,000            |
| Mrs.Lakshmi Iyer Centenary Fund     | 1,211,672         | 1,211,672         |
|                                     | <b>65,965,377</b> | <b>61,285,377</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2018**

|  | 31.03.2018        | 31.03.2017        |
|--|-------------------|-------------------|
| <b>SCHEDULE "C" - CURRENT LIABILITIES &amp; PROVISIONS</b> |                   |                   |
|  | <b>Rs.</b>        | <b>Rs.</b>        |
| <b>a. CURRENT LIABILITIES:</b>                             |                   |                   |
| Sundry Creditors:  |                   |                   |
| Advance Collection from patients                           | 592,269           | 702,243           |
| Employees' State insurance Collection                      | -----             | 60,253            |
| Vat Payable  | -----             | 29,667            |
| Other Creditors  | 6,968,876         | 5,615,555         |
| Service Tax  | 205,470           | -----             |
| CGST Payable   | 11,530            | -----             |
| SGST Payable   | 11,530            | -----             |
| Electronic cash ledger                                     | 88                | -----             |
|  | <b>7,789,763</b>  | <b>6,407,718</b>  |
| <b>b. OTHER LIABILITIES:</b>                               |                   |                   |
| Family Welfare Staff Account                               | 736               | 736               |
|  | <b>736</b>        | <b>736</b>        |
| <b>c. DEPOSITS RE-PAYABLE</b>                              |                   |                   |
| Senior Citizen Centre Deposit                              | 18,850,000        | 18,000,000        |
| Security Deposit - Others                                  | 305,000           | 305,000           |
| Staff Security Deposit                                     | 14,032            | 14,032            |
|  | <b>19,169,032</b> | <b>18,319,032</b> |
| d. Loan From HDFC Bank                                     | 10,346,953        | 12,542,594        |
| e. Cash Credit Accommodation<br>from IOB VHS Branch        | 37,766,447        | 36,510,354        |
| <b>SCHEDULE "D" :</b>                                      |                   |                   |
| <b>UNSPENT BALANCES IN PROJECT ACCOUNTS</b>                |                   |                   |
| Stroke Project A/c   | 9,689,808         | 7,007,695         |
| T.S. Srinivasan Neurosciences Centre                       | 2,744,496         | 1,114,824         |
| Diabetic Project A/c.                                      | ---               | .....             |
| VHS Clinical research                                      | 193,700           | 192,760           |
| Dr.A. Lakshmi pathi Neurosurgical R & D A/c                | 7,408,595         | 6,843,650         |
| Dr. B. Ramamurthi & Dr. Dibbala Rao Neurosurgery           | 6,980,652         | 6,950,209         |
| Residents Stipend A/c                                      |                   |                   |
| Teaching Programme A/c                                     | 9,411,489         | 8,257,489         |
| Capt. S. Jayaram Endowment A/c                             | 91,456            | 91,456            |
| VHS Bulletin A/c   | 82,303            | 82,303            |
| Dr. Subramanian Suresh Library A/c                         | 11,139            | 11,139            |
| <b>C/O</b>   | <b>36,613,638</b> | <b>30,551,525</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2018**

|  | 31.03.2018        | 31.03.2017        |
|--|-------------------|-------------------|
|  | Rs.               | Rs.               |
| <b>SCHEDULE "D" :</b>                  | <b>36,613,638</b> | <b>30,551,525</b> |
| Dr. K.S. Sanjivi Endowment Lecture A/c | 75,298            | 75,298            |
| Sir Vepa Ramesam Nutrition & Dietetics | 2,935             | 2,935             |
| J. Srinivasan Cardiac Research A/c     | 350,147           | 350,147           |
| SABRA Project                          | 562,220           | 562,220           |
| Bank of Baroda Medical Relief          | 3,390             | 1,890             |
| Indian Bank staff welfare scheme       | 17,361            | 11,361            |
| Sugalchand Jain Muni Treatment         | 198,876           | 198,876           |
| R.H. Ranga Rao Endowment A/c           | 157,479           | 157,479           |
| Eye Research Project A/c               | 415,807           | 770,807           |
| Sugal & Damani Endowment A/c           | 208,546           | 208,546           |
| Protein Research Project A/c           | 5,697,518         | 5,697,518         |
| Dr. K.S. Sanjivi Memorial R & D A/c    | 576,547           | 576,547           |
| Paediatric ward Projects               | 1,428,662         | 1,710,662         |
| Microneuro surgery workshop            | 195,240           | 266,473           |
| Dr.A.R.Subrahmaniam Memorial Lecture   | 1,630             | 1,630             |
| Science and Engineering Research Board | 281,677           | 230,869           |
| Rotary Central TTK VHS Blood Bank A/c  | 3,517,022         | 2,769,600         |
| Sri Varasidhi Vinayagar Temple A/c     | 68,168            | 72,381            |
| VHS-CDC Projects                       | -----             | 11,901,831        |
| Cardiology Project A/c                 | 2,364,484         | 2,556,855         |
| VHS-CHARTERED Project A/c              | 283,707           | 283,707           |
| TAG-VHS Diabetes Research Centre       | -                 | 390,942           |
| Paediatric Growth Fund                 | 48,000            | -                 |
| Dr.N.S. Murali Endowment A/c           | 509               | 509               |
| Blood bank                             | 509,087           | ----              |

|   |                   |                   |
|---|-------------------|-------------------|
| Staff Welfare A/c                                     | 106,788           | 86,388            |
| London School of Hygiene & Tropical Medicine A/c      | 3,334             | 3,334             |
| Public Health Foundation of India - SANCD Project A/c | 31,117            | 31,117            |
|   | <b>53,719,187</b> | <b>59,471,447</b> |

## THE VOLUNTARY HEALTH SERVICES

### SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31 MARCH 2018

| SCHEDULE " E " : FIXED ASSETS |                              |                                  |              |                         |                              |                        |                   |                     |                        |                         |                         |
|-------------------------------|------------------------------|----------------------------------|--------------|-------------------------|------------------------------|------------------------|-------------------|---------------------|------------------------|-------------------------|-------------------------|
| Name of Assets                | GROSS BLOCK                  |                                  |              |                         |                              | DEPRECIATION           |                   |                     |                        | NET BLOCK               |                         |
|                               | Cost as at 31.03.2017<br>Rs. | Additions During the Year<br>Rs. | Total<br>Rs. | Sales Deductions<br>Rs. | Cost as at 31.03.2018<br>Rs. | Upto 31.03.2017<br>Rs. | Deductions<br>Rs. | For the Year<br>Rs. | Upto 31.03.2018<br>Rs. | As at 31.03.2018<br>Rs. | As at 31.03.2017<br>Rs. |
| Land                          | 383,103                      | -                                | 383,103      | -                       | 383,103                      | -                      | -                 | -                   | -                      | 383,103                 | 383,103                 |
| Building                      | 185,523,456                  | 872,028                          | 186,395,484  | -                       | 186,395,484                  | 63,503,258             | -                 | 6,143,351           | 69,646,609             | 116,748,875             | 122,020,198             |
| Equipment                     | 93,962,483                   | 13,786,034                       | 107,748,517  | 115,000                 | 107,633,517                  | 50,265,900             | 115,000           | 8,215,929           | 58,366,829             | 49,266,688              | 43,696,583              |
| Furniture                     | 2,563,539                    | 74,718                           | 2,638,257    | -                       | 2,638,257                    | 629,357                | -                 | 198,049             | 827,406                | 1,810,851               | 1,934,182               |
| Utensils                      | 238,306                      | 12,785                           | 251,091      | -                       | 251,091                      | 162,257                | -                 | 12,365              | 174,622                | 76,469                  | 76,049                  |
| Vehicles                      | 1,023,310                    | 1,218,400                        | 2,241,710    | -                       | 2,241,710                    | 339,418                | -                 | 102,583             | 442,001                | 1,799,709               | 683,892                 |
| Solar Power plant             | 19,572,950                   | -                                | 19,572,950   | -                       | 19,572,950                   | 3,914,590              | -                 | 6,263,344           | 10,177,934             | 9,395,016               | 15,658,360              |
| Computer                      | -                            | 64,970                           | 64,970       | -                       | 64,970                       | -                      | -                 | 12,994              | 12,994                 | 51,976                  | .....                   |
| <b>Total</b>                  | 303,267,147                  | 16,028,935                       | 319,296,082  | 115,000                 | 319,181,082                  | 118,814,780            | 115,000           | 20,948,615          | 139,648,395            | 179,532,687             | 184,452,367             |
| Solar Power Plant             | 19,572,950                   | -                                | -            | -                       | -                            | 3,914,590              | -                 | -                   | -                      | -                       | 15,658,360              |
| <b>Total</b>                  | 303,267,147                  | 16,028,935                       | 319,296,082  | 115,000                 | 319,181,082                  | 118,814,780            | 115,000           | 20,948,615          | 139,648,395            | 179,532,687             | 184,452,367             |
| Capital work in progress *    | -                            | 2,447,771                        | 2,447,771    | -                       | 2,447,771                    | -                      | -                 | -                   | -                      | 2,447,771               | -                       |
| <b>Grand Total</b>            | 303,267,147                  | 18,476,706                       | 321,743,853  | 115,000                 | 321,628,853                  | 118,814,780            | 115,000           | 20,948,615          | 139,648,395            | 181,980,458             | 184,452,367             |

**For Aiyar & Co.,**

Chartered  
Accountants

Regn. No.000063S

**N. SRIDHARAN**

Proprietor

Membership No.20503

**S. SURESH**  
Hony. Secretary

**J.Srinivasan**  
Hony. Treasurer

**M.S. SWAMINATHAN**  
President

Chennai, dated 21 Aug 2018

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2018**

|  | 31.03.2018        | 31.03.2017        |
|--|-------------------|-------------------|
|  | Rs.               | Rs.               |
| <b>SCHEDULE - "F"</b>                                      |                   |                   |
| <b>INVESTMENTS:</b>  |                   |                   |
| Shares in TUCS Ltd., Chennai                               | 50                | 50                |
| <b>INVESTMENTS IN FIXED DEPOSITS:</b>                      |                   |                   |
| Endowment Reserve Fund:                                    |                   |                   |
| With Nationalised Banks                                    | 23,465,878        | 23,465,878        |
| State/Central Govt. Undertakings                           | 29,248,699        | 29,248,699        |
| RBI Bonds  |                   |                   |
| <b>OTHER INVESTMENTS:</b>                                  |                   |                   |
| With Nationalised Banks                                    | 250,000           | 250,000           |
| State/Central Govt. Undertakings                           | 13,171,122        | 8,057,936         |
| National Savings Certificates                              | 3,800             | 3,800             |
|  | <b>66,139,549</b> | <b>61,026,363</b> |
| <b>SCHEDULE "G" - CURRENT ASSETS, LOANS &amp; ADVANCES</b> |                   |                   |
| <b>a. CURRENT ASSETS:</b>                                  |                   |                   |
| Stock of Drugs valued at cost                              | 2,801,547         | 2,860,809         |
| Advance for Purchases                                      | -                 | 265,545           |
| Sundry Debtors   | 111,450           | 2,100,000         |
| <b>Expenses Recoverable:</b>                               |                   |                   |
| Drs. Indira and B. Ramamurthi Medical Relief A/c           | 15,145,629        | 13,287,402        |
| Community Health Project A/C                               | 13,181,688        | 9,064,759         |
| TAG – VHS Diabetes Research Centre                         | 4,736,924         | -----             |
| Tax Deducted at Source                                     | 2,860,955         | 3,165,504         |
| Urban Family Welfare Centre                                | 1,336,353         | 3,363,740         |
| Government of Deaddiction and Drug Abuse Project           | 704,921           | 704,921           |
| Suicide/De-addiction Project A/c                           | 156,912           | 156,912           |
| T.S.Srinivasan Neurosciences Centre                        | 137,589           | ----              |
| Mini Health Centre   | 78,043            | 78,043            |
| Mr.P.Subramaniam & Meena subramaniam Lecture A/c           | 59,010            | 59,010            |
| VHS – CDC Projects   | 7,543             | -----             |
| Rotary Central TTK VHS Blood Bank A/c                      | -                 | 1,159,218         |
| Blood Bank   | -----             | 276,847           |
| <b>Cash &amp; Bank Balances</b>                            |                   |                   |
| In Fixed Deposits with Scheduled Banks                     | 7,882,173         | 7,882,173         |
| Cash at Bank in Current & SB A/Cs                          | 3,358,372         | 23,588,048        |
| Cash on hand including Imprest Cash                        | 40,000            | 25,000            |
|  | <b>52,599,109</b> | <b>68,037,931</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2018**

|   | <b>31.03.2018</b>  | <b>31.03.2017</b>  |
|---|--------------------|--------------------|
|   | <b>Rs.</b>         | <b>Rs.</b>         |
| <b>b. LOANS &amp; ADVANCES</b>  |                    |                    |
| (Including Trade Deposits )   |                    |                    |
| Festival Advances to Staff  | 867,000            | 898,900            |
| Other advance to staff  | 25,000             | 33,022             |
|   | <b>892,000</b>     | <b>931,922</b>     |
| <b>c. TRADE DEPOSITS</b>  |                    |                    |
| Madras Electricity System   | 3,857,762          | 3,038,464          |
| Gayathri Auto Service   | 25,000             | 25,000             |
| Tamilnadu Co-operative<br>Milk Producers' Federation Ltd  | 16,800             | 16,800             |
| Triloks Gas Service   | 16,090             | 16,090             |
| Adyar Gas Agencies  | 12,000             | 12,000             |
| Indian Oxygen Ltd.  | 6,900              | 6,900              |
| Pest Control of India Ltd.  | 4,000              | 4,000              |
| Reliance Agencies   | 3,250              | 3,250              |
| Indian Oil Corporation  | 2,800              | 2,800              |
| TUCS Ltd.   | 1,800              | 1,800              |
| South India Carbonic Gas Co.<br>Corporation of Chennai  | 1,300              | 1,300              |
| Ambu & Co.  | 200                | 200                |
|   | 150                | 150                |
|   | <b>3,948,052</b>   | <b>3,128,754</b>   |
| <b>SCHEDULE "H" -</b>   |                    |                    |
| <b>INCOME &amp; EXPENDITURE A/C</b>   |                    |                    |
| Balance as per last Balance Sheet   | 137,262,572        | 103,584,803        |
|   | <b>137,262,572</b> | <b>1035,84,803</b> |
| Add: Excess of Expenditure over Income<br>for the year transferred from Income &<br>Expenditure Account | 22,226,312         | 33,677,769         |
|   | <b>159,488,884</b> | <b>137,262,572</b> |

**N. SRIDHARAN**  
Proprietor  
Membership No.20503

**S. SURESH**  
Hony. Secretary

**J.SRINIVASAN**  
Hony. Treasurer

**M.S. SWAMINATHAN**  
President

Chennai, dated 21 August 2018



## **Schedule I Significant Accounting Policies and Notes on Accounts**

### **Statement of Significant Accounting Policies:**

- a. **Accounting Convention:**  
The accounts are drawn up on historical cost basis and have been prepared in accordance with the generally accepted accounting principles in India.
- b. **Revenue Recognition:**  
All incomes and expenditures are accounted on cash basis.  
Income from earmarked funds is directly credited to respective Project/Earmarked Funds Accounts.
- c. **Fixed Assets and Depreciation:**
  - i) Fixed Assets are stated at historical cost less depreciation.
  - ii) Depreciation on Fixed Assets is charged under Written down Value as per the Income Tax Act except Buildings on which 5% depreciation is claimed .
  - iii) Pro rata depreciation is provided on additions to Fixed Assets.
- d. **Inventories:**  
Inventories are Valued at cost or net realizable value whichever is less.

### **Notes on Accounts:**

- a. **Project Accounts:**  
All incomes relating to Project Accounts are directly shown under Project Receipts and all expenditure including Capital Expenditure are shown under Project Payments Account. The total Capital Expenditure on Project Accounts during the year is Rs.0.51 lakh on which no depreciation is claimed.
- b. **Investments:**  
All the Investments are in Fixed Deposits with Nationalised Banks and State/Central Government Undertakings.
- c. **Contingent Liability:**  
Claims against the institution towards salary arrears not acknowledged as debts. The quantum of liability in respect of labour cases is determinable only on receipt of judgments in the pending cases in court.
- d. Previous year's figures have been re-grouped or re-classified wherever considered necessary to make them comparable with those of the current year. Figures have been rounded off to the nearest Rupee.

**S. SURESH**  
Hony. Secretary

**J.SRINIVASAN**  
Hony. Treasurer

**M.S. SWAMINATHAN**  
President

Annexure to our Report of date  
For **AIYAR & CO.**  
Chartered Accountants  
Regn. No.000063S

**N. SRIDHARAN**  
Proprietor  
Membership No.20503  
Chennai, dated 21 August 2018

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MARCH 2018**

| 2016-17            | EXPENDITURE                                      | SCHEDULE | 2017-18            | 2016-17            | INCOME                            | SCHEDULE | 2017-18            |
|--------------------|--|----------|--------------------|--------------------|-----------------------------------|----------|--------------------|
| Rs.                |  |          | Rs.                | Rs.                |                                   |          | Rs.                |
| 2,687,228          | Opening Stock Drugs Valued at cost on 01.04.2017 |          | 2,860,809          |                    |                                   |          |                    |
| 77,247,092         | Establishment                                    | "018"    | 82,237,036         | -                  | By Subscription - Life Membership |          |                    |
| 13,853,139         | Drug   | "019"    | 16,985,650         | 67,243,685         | Collections                       | "027"    | 87,509,982         |
| 9,679,053          | Disposables & Linen                              | "020"    | 12,162,659         | 22,002,089         | Sale of Drugs - VHS pharmacy      |          | 25,826,894         |
| 3,233,387          | Diet Charges & Dietary Expenses                  | "021"    | 1,725,788          | 1,310,000          | Fee For VHS                       | "028"    | 1,170,000          |
| 2,369,266          | Consumables                                      | "022"    | 2,691,744          | 9,572,039          | Donations                         |          | 13,058,881         |
| 8,799,952          | Utilities  | "023"    | 5,582,732          | 196,733            | Donations (Foreign Contribution)  |          | 175,768            |
| 3,364,330          | Repairs, Renewals & Service Charges              |          | 4,763,371          | 7,796,397          | Interest on Deposits              |          | 5,587,071          |
| 12,989,805         | Administrative Expenses                          | "024"    | 9,783,056          | 3,595,137          | Grants (Maintenance)              | "029"    | 1,272,988          |
| 919                | Assets, Condemned & Written Off                  | "025"    | -----              | 2,483,691          | Interest on Income tax Refund     |          | 112,017            |
| 16,514,178         | Depreciation                                     | "026"    | 20,948,615         | 2,860,809          | Closing Stock as on 31.03.2018    |          | 2,801,547          |
|                    |  |          |                    | 33,677,769         | Excess of Expenditure Over Income |          | 22,226,312         |
| <b>150,738,349</b> |  |          | <b>159,741,460</b> | <b>150,738,349</b> |                                   |          | <b>159,741,460</b> |

Note: Schedules referred to above form an integral part of the Income & Expenditure Account

**For Aiyar & Co.,**

Chartered Accountants

Regn. No.000063S

**N. SRIDHARAN**

Proprietor

Membership No.20503

**S. SURESH**

Hony. Secretary

**J.Srinivasan**

Hony. Treasurer

**M.S. SWAMINATHAN**

President

Chennai, dated 21 August 2018

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT**  
**FOR THE YEAR ENDED 31 MARCH 2018**

| SCHEDULE   | 31.03.2018<br>Rs. | 31.03.2017<br>Rs. |
|--|-------------------|-------------------|
| <b>" 018 " ESTABLISHMENT</b>                       |                   |                   |
| Establishment Charges                              | 52,161,112        | 51,037,676        |
| Contribution to : Employees Provident Fund         | 3,570,402         | 3,589,435         |
| ESIC Fund  | 1,558,344         | 1,204,183         |
| Deposit Linked Insurance Fund                      | 562,700           | 702,285           |
| Group Gratuity Scheme                              | 841,260           | 149,213           |
| Tamilnadu Labour Welfare Fund                      | 8,820             | .....             |
| Professional fees paid to Doctors                  | 17,130,964        | 14,327,199        |
| Stipend to PGs                                     | 5,663,933         | 5,597,667         |
| Staff Welfare                                      | 739,501           | 639,434           |
|  | <b>82,237,036</b> | <b>77,247,092</b> |
| <b>"019" DRUGS</b>                                 |                   |                   |
| Drug Purchases - VHS Pharmacy                      | 16,674,702        | 13,808,334        |
| Drug Purchases                                     | 310,948           | 44,805            |
|  | <b>16,985,650</b> | <b>13,853,139</b> |
| <b>" 020 " DISPOSABLES &amp; LINEN</b>             |                   |                   |
| Disposables  | 11,570,058        | 9,261,858         |
| Purchase of lens                                   | 463,396           | -----             |
| Linen  | 129,205           | 417,195           |
|  | <b>12,162,659</b> | <b>9,679,053</b>  |
| <b>" 021 " DIET CHARGES &amp; DIETARY EXPENSES</b> |                   |                   |
| Diet Charges                                       | 1,148,125         | 1,270,500         |
| Dietary Expenses                                   | 577,663           | 1,962,887         |
|  | <b>1,725,788</b>  | <b>3,233,387</b>  |
| <b>" 022 " CONSUMABLES</b>                         |                   |                   |
| Medical Gas  | 1,737,987         | 1,378,946         |
| X-Ray Films & Chemicals                            | 362,143           | 414,780           |
| Washing Charges                                    | 360,000           | 360,000           |
| Fuel Gas   | 121,920           | 112,765           |
| Ambulance Expenses                                 | 109,694           | 102,775           |
|  | <b>2,691,744</b>  | <b>2,369,266</b>  |
| <b>" 023 " UTILITIES</b>                           |                   |                   |
| Electricity Charges                                | 4,389,878         | 7,598,685         |
| Telephone Charges                                  | 716,056           | 617,727           |
| Water Charges                                      | 242,190           | 388,110           |
| Power (Generator)                                  | 234,608           | 195,430           |
|  | <b>5,582,732</b>  | <b>8,799,952</b>  |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT**  
**FOR THE YEAR ENDED 31 MARCH 2018**

| SCHEDULE  | 31.03.2018        | 31.03.2017        |
|---|-------------------|-------------------|
|   | Rs.               | Rs.               |
| <b>" 024 " ADMINISTRATIVE EXPENSES</b>                |                   |                   |
| Bank Charges & Interest on Overdraft                  | 3,300,597         | 2,711,742         |
| Lab Charges   | 1,860,806         | -----             |
| Consultancy Service                                   | 1,142,444         | 1,051,690         |
| Printing & Stationery                                 | 892,876           | 998,534           |
| Waste Management                                      | 508,350           | 512,710           |
| Lab charges   | 420,343           | 32,750            |
| Administrative Charges on EPF                         | 363,074           | 366,625           |
| Computer Maintenance                                  | 283,967           | 201,635           |
| Tamilnadu Pollution Control Board - Consent fee       | 206,944           | 206,944           |
| Scan Charges  | 185,370           | -----             |
| Workshop & Conference                                 | 174,080           | 108,391           |
| Garden Maintenance                                    | 147,112           | 208,950           |
| Miscellaneous Expenses                                | 127,123           | 112,388           |
| Honorarium to Auditors                                | 118,000           | 115,000           |
| Advertisement Charges                                 | 109,322           | 95,226            |
| Freight, Cooly & Conveyance                           | 71,934            | 67,532            |
| Local Fund Audit Fees                                 | 66,473            | -----             |
| License & Renewal fee and Insurance                   | 58,995            | 22,800            |
| Admin charges for – Ragas Dental College and Hospital | 55,000            | -----             |
| Postage & Telegrams                                   | 46,033            | 53,492            |
| Subscriptions, Books & Periodicals                    | 29,007            | 58,990            |
| Insurance   | 14,540            | 248,408           |
| Filing charges  | 13,209            | 54,058            |
| Rates and Taxes                                       | 7,800             | -----             |
| Inauguration Expenses                                 | -----             | 60,940            |
| Compounding Fee for FCRA                              | -----             | 5,701,000         |
|   | <b>9,783,056</b>  | <b>12,989,805</b> |
| <b>" 025 " ASSETS CONDEMNED &amp; WRITTEN OFF</b>     |                   |                   |
| Equipment   | ----              | 919               |
|   | -----             | <b>919</b>        |
| <b>" 026 " DEPRECIATION ON</b>                        |                   |                   |
| Equipment   | 8,215,929         | 6,320,918         |
| Solar Power Plant                                     | 6,263,344         | 3,914,590         |
| Buildings   | 6,143,351         | 5,961,408         |
| Furniture   | 198,049           | 183,156           |
| Vehicle   | 102,583           | 120,686           |
| Computer  | 12,994            | ----              |
| Kitchen Utensils                                      | 12,365            | 13,420            |
|   | <b>20,948,615</b> | <b>16,514,178</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT**  
**FOR THE YEAR ENDED 31 MARCH 2018**

| SCHEDULE  | 31.03.2018        |                   |
|---|-------------------|-------------------|
| 31.03.2017  | Rs.               | Rs.               |
| <b>" 027 " COLLECTIONS</b>  |                   |                   |
| Madras Race Club Hospital Collections                                 |                   |                   |
| (Less Refunds)  | 60,260,047        | 50,620,096        |
| X-Ray Department  | 2,514,637         | 2,275,940         |
| Diagnostic Centre Collection  | 9,027,226         | 4,997,326         |
| Rental income   | 5,025,307         | 4,554,670         |
| Dietary Receipts  | 1,148,125         | 2,662,089         |
| Senior Citizen Centre   | 1,772,509         | 1,569,066         |
| Miscellaneous Receipts  | 610,901           | 501,598           |
| Ambulance Receipts  | 223,670           | 214,400           |
| Sale of Condemned Assets  | 7,900             | 4,000             |
| Auditorium Receipts   | 162,160           | 120,500           |
| Occupational Charges from VHS SHARE, CDC<br>and MSA Projects          | 6,697,500         | 742,500           |
| Admin charges for Ragas Dental College & Hospital                     | 60,000            | -----             |
|   | <b>87,509,982</b> | <b>67,243,685</b> |
| <b>" 028 " FEE FOR VHS :</b>  |                   |                   |
| From C.L.Baid Mehta College   | 420,000           | 560,000           |
| Ragas Dental College  | 750,000           | 750,000           |
|   | <b>1,170,000</b>  | <b>1,310,000</b>  |
| <b>" 029 " GRANTS</b>   |                   |                   |
| <u>Grant from Tamilnadu Govt. for Maintenance<br/>of MRC Hospital</u> |                   |                   |
| Advance Grant for 2016-17   | 4,863             |                   |
| Advance Grant for 2017-18   | 2,400,000         |                   |
|   | 2,404,863         |                   |
| Less:   |                   |                   |
| Refund of Grant for 2014-15   | (406,250)         |                   |
| Refund of Grant for 2015-16   | (725,625)         |                   |
|   | 1,272,988         | 3,595,137         |
|   | <b>1,272,988</b>  | <b>3,595,137</b>  |

For Aiyar & Co.,  
Chartered Accountants  
Regn. No.000063S

N. SRIDHARAN  
Proprietor  
Membership No.20503

S. SURESH  
Hony. Secretary

J.Srinivasan  
Hony. Treasurer

M.S. SWAMINATHAN  
President

Chennai, dated 21 August 2018

**THE VOLUNTARY HEALTH SERVICES (REGD.) CHENNAI 600 113**  
**MEDICAL CENTRE ACCOUNT**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MARCH 2018**  
**(ANNEXURE)**

| 2016-17            | EXPENDITURE                              | 2017-18            | 2016-17            | INCOME                               | 2017-18            |
|--------------------|--|--------------------|--------------------|--------------------------------------|--------------------|
| Rs.                |  | Rs.                | Rs.                | Rs.                                  | Rs.                |
| 2,687,228          | Opening Stock Valued at cost<br>01.04.17 | 2,860,809          |                    | By Income                            |                    |
| 70,192,029         | Establishment                            | 75,438,677         | 50,834,496         | Collections                          | 60,819,798         |
| 13,853,139         | Drugs                                    | 16,633,502         | 22,002,089         | Sale of Drugs - VHS pharmacy         | 25,826,894         |
| 5,410,795          | Disposables & Linen                      | 6,123,382          | 144,900            | Donations                            | 114,200            |
| 1,270,500          | Diet Charges                             | 1,148,125          | 1,452,389          | Interests                            | 1,280,436          |
| 1,836,996          | Consumables                              | 2,097,987          | 3,595,137          | Grants                               | 1,272,988          |
| 6,738,198          | Utilities                                | 3,659,444          | 2,860,809          | Closing Stock Drugs as on 31.03.2018 | 2,801,547          |
| 2,872,340          | Repairs, Renewals & Service<br>Charges   | 3,458,214          | 26,367,885         | Excess of Expenditure over Income    | 22,550,500         |
| 2,396,480          | Administrative Expenses                  | 3,246,223          |                    |                                      |                    |
| <b>107,257,705</b> |  | <b>114,666,363</b> | <b>107,257,705</b> |                                      | <b>114,666,363</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.) CHENNAI 600 113**  
**CONSOLIDATED RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31 MARCH 2018**

| RECEIPTS                                       | SCHEDULE  | Rs.                |  | PAYMENTS                                  | SCHEDULE | Rs.                |
|--|-----------|--------------------|--|---|----------|--------------------|
| To Opening Balance as on 01.04.2017            |           |                    |  | By Opening Bank Balalace as on 01.04.2017 |          |                    |
| Cash on Hand including Imprest Cash            |           | 25,000             |  | Over Draft With IOB and HDFC              |          | 36,510,354         |
| Bank Balances in Current and Savings Bank A/Cs |           | 23,588,048         |  | By EXPENSES:                              |          |                    |
| Collections                                    | "001"     | 87,509,982         |  | Establishment                             | " 007 "  | 82,237,036         |
| Sale of drugs - VHS Pharmacy                   |           | 25,826,894         |  | Drugs                                     | " 008 "  | 16,985,650         |
| Fee for VHS                                    | "001A"    | 1,170,000          |  | Disposables and Linen                     | " 009 "  | 12,162,659         |
| Donations                                      |           | 39,257,454         |  | Diet Charges & Dietary Expenses           | " 010 "  | 1,725,788          |
| Donation ( Foreign Contribution )              |           | 175,768            |  | Consumables                               | " 011 "  | 2,691,744          |
| Donation in Kind                               |           | 1,230,584          |  | Utilities                                 | " 012 "  | 5,582,732          |
| Interest on Deposits                           |           | 5,587,071          |  | Repairs, Renewals & Service Charges       |          | 4,763,371          |
| GRANTS :                                       |           |                    |  | Administrative Expenses                   | " 013 "  | 9,783,056          |
| For Maintenance of MRC Hospital                | " 002 "   | 1,272,988          |  | Project Payments                          | " 014 "  | 214,330,213        |
| For Specific Projects                          | " 002 A " | 4,580,193          |  | Cost of Fixed Assets Acquired             | " 015 "  | 18,476,706         |
| Project Receipts                               | "003"     | 183,445,300        |  | Investment in Fixed Deposits              |          | 5,688,186          |
| Interest on Specific Reserves Capitalised      | "004"     | 397,450            |  | Advances and Deposits                     | "016"    | 137,364,813        |
| Fixed Deposits - Investment matured            |           | 575,000            |  | Other Payments                            | "017"    | 15,596,474         |
| Recovery and Advances                          | "005"     | 140,081,675        |  | Loan from HDFC Bank Repayment             |          | 5,377,594          |
| Other Receipts                                 | "006"     | 16,890,924         |  | Closing Balance as on 31.03. 2018         |          |                    |
| Interest on Income tax refund                  |           | 112,017            |  | Cash on Hand including Imprest Cash       |          | 40,000             |
| Loan from HDFC Bank                            |           | 3,181,953          |  | Bank Balances in Current & Savings A/Cs   |          | 3,358,372          |
| To Closing Bank Balance as on 31.03.2018       |           |                    |  |   |          |                    |
| Over Draft With IOB and HDFC                   |           | 37,766,447         |  |   |          |                    |
|  |           |                    |  |   |          |                    |
|  |           | <b>572,674,748</b> |  |   |          | <b>572,674,748</b> |

For Aiyar & Co.,  
Chartered Accountants

N. SRIDHARAN  
Proprietor  
Membership No.20503

S. SURESH  
Hony. Secretary

J.Srinivasan  
Hony. Treasurer

M.S. SWAMINATHAN  
President

Chennai, dated 21 August 2018

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT**  
**FOR THE YEAR ENDED 31.03.2018**

| SCHEDULE   | RECEIPTS          |
|--|-------------------|
|  | Rs.               |
| <b>" 001 " COLLECTIONS:</b>  |                   |
| MRC Hospital Collections (Less refunds)                            | 60,260,047        |
| Occupational Charges from SHARE, CDC, and MSA Projects             | 6,697,500         |
| X-Ray Department   | 2,514,637         |
| Diagnostic Center Collection                                       | 9,027,226         |
| Dietary Receipts   | 1,148,125         |
| Senior Citizen Centre  | 1,772,509         |
| Rental income  | 5,025,307         |
| Ambulance Receipts   | 223,670           |
| Auditorium Receipts  | 162,160           |
| Sale of condemned asset  | 7,900             |
| Miscellaneous Receipts   | 610,901           |
| Admin charges for-Ragas Dental college and hospital                | 60,000            |
|  | <b>87,509,982</b> |
| <b>" 001A" FEE FOR VHS:</b>  |                   |
| From C.L Baid Mehta College  | 420,000           |
| Ragas Dental College   | 750,000           |
|  | <b>1,170,000</b>  |
| <b>" 002 " GRANTS:</b>   |                   |
| <u>Grant from Tamilnadu Govt. for Maintenance of MRC Hospital:</u> |                   |
| Advance Grant for 2016 - 2017                                      | 4,863             |
| Advance Grant for 2017 – 2018                                      | 24,00,000         |
|  | 24,04,863         |
| <b>Less:</b>   |                   |
| Refund of grant For 2014-15  | (4,06,250)        |
| Refund of grant For 2015-16  | (7,25,625)        |
|  | <b>1,272,988</b>  |
| <b>" 002 A " - GRANTS FOR SPECIFIC PROJECTS</b>                    |                   |
| For Urban Family Welfare Centre                                    | 4,230,193         |
| From Science and Engineering Research Board                        | 350,000           |
|  | <b>4,580,193</b>  |
| <b>" 003 " PROJECT RECEIPTS:</b>                                   |                   |
| Diabetic Project A/c   | 9,708,016         |
| Community Health Project A/c                                       | 1,294,195         |
| Stroke Project A/c   | 638,844           |
| T.S. Srinivasan Centre for Neurosciences A/c                       | 10,100            |
| VHS TAG Diabetes Research Project A/c.                             | 5,590             |
| Dr. A. Lakshmipathi Neurosurgical Research & Development A/c       | 45,517            |



**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT**  
**FOR THE YEAR ENDED 31.03.2018**

| SCHEDULE   |            | RECEIPTS           |
|--|------------|--------------------|
|  |            | Rs.                |
| <b>" 003 " PROJECT RECEIPTS:</b>                         | <b>B/F</b> | 11,702,262         |
| VHS-CDC Projects   |            | 116,463,245        |
| Rotary Central / TTK / VHS Blood Bank A/c                |            | 36,544,321         |
| VHS-MSA Project  |            | 12,771,393         |
| Blood Bank A/c   |            | 3,000,000          |
| Teaching Programme A/c                                   |            | 1,559,800          |
| Dr's Indira & B. Ramamurthi Medical Relief A/c.          |            | 1,026,599          |
| Micro Neurosurgery Workshop                              |            | 92,000             |
| Indian Bank Staff Welfare Scheme A/c                     |            | 60,000             |
| Eye project  |            | 60,000             |
| Sri Varasidhi Vinayagar Temple A/c                       |            | 55,737             |
| Residents Stipend A/c                                    |            | 30,443             |
| Bank of Baroda Medical Relief A/c                        |            | 30,000             |
| Staff Welfare A/c  |            | 20,400             |
| Cardiac Project A/c.                                     |            | 18,200             |
| VHS-Clinical Research A/C                                |            | 10,900             |
| Dr. B. Ramamurthi & Dr. Dibbala Rao Neurosurgery         |            | 183,445,300        |
| <b>" 004 " INTEREST ON SPECIFIC RESERVES CAPITALISED</b> |            |                    |
| Reserve for:   |            |                    |
| Maintenance  |            | 230,400            |
| Working Capital  |            | 152,300            |
| Acute Care Centre  |            | 14,750             |
|  |            | <b>397,450</b>     |
| <b>" 005 " RECOVERY &amp; ADVANCES:</b>                  |            |                    |
| Advances for Purchases                                   |            | 98,311,503         |
| Advance Collection from Patients                         |            | 28,262,326         |
| Advances for VHS-CDC - Projects                          |            | 7,219,000          |
| Interest free deposit from SCC                           |            | 1,600,000          |
| Festival Advance to Staff                                |            | 1,375,900          |
| CGST INPUT   |            | 1,241,497          |
| SGST Input   |            | 1,241,497          |
| Mess Recovery from Staffs                                |            | 569,209            |
| VAT Collected  |            | 260,743            |
|  |            | <b>140,081,675</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT**  
**FOR THE YEAR ENDED 31.03.2018**

| SCHEDULE   | RECEIPTS          |
|--|-------------------|
|  | <b>Rs.</b>        |
| <b>" 006 " OTHER RECEIPTS:</b>                     |                   |
| Employees Provident Fund Collection                | 8,819,508         |
| Income Tax Collection & Remittance                 | 3,238,333         |
| ESIC Collection                                    | 2,377,892         |
| Tax deducted at source                             | 1,116,123         |
| LIC Salary Savings Scheme                          | 508,161           |
| Professional Tax                                   | 452,850           |
| Service Tax  | 346,727           |
| Electronic cash ledger                             | 26,920            |
| Tamilnadu Labour Fund employees collection         | 4,410             |
|  | <b>16,890,924</b> |
| <b>" 007 " ESTABLISHMENT:</b>                      |                   |
| Establishment Charges                              | 52,161,112        |
| Contribution to:                                   |                   |
| Employees Provident Fund                           | 3,570,402         |
| Deposit Linked Insurance Fund                      | 562,700           |
| Group Gratuity Scheme                              | 841,260           |
| ESIC Fund  | 1,558,344         |
| Tamilnadu labour welfare fund                      | 8,820             |
| Professional fees paid to Doctors                  | 17,130,964        |
| Stipend to PGs                                     | 5,663,933         |
| Staff Welfare                                      | 739,501           |
|  | <b>82,237,036</b> |
| <b>"008" DRUGS</b>                                 |                   |
| Drugs - VHS Pharmacy                               | 16,674,702        |
| Drugs  | 310,948           |
|  | <b>16,985,650</b> |
| <b>" 009 " DISPOSABLES &amp; LINEN:</b>            |                   |
| Disposables  | 11,570,058        |
| Purchase of lens                                   | 463,396           |
| Linen  | 129,205           |
|  | <b>12,162,659</b> |
| <b>" 010 " DIET CHARGES &amp; DIETARY EXPENSES</b> |                   |
| Diet Charges                                       | 1,148,125         |
| Dietary Expenses                                   | 577,663           |
|  | <b>1,725,788</b>  |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT**  
**FOR THE YEAR ENDED 31.03.2018**

| SCHEDULE  | RECEIPTS         |
|---|------------------|
|   | <b>Rs.</b>       |
| <b>" 011 " CONSUMABLES:</b>                     |                  |
| Medical Gas                                     | 1,737,987        |
| X-Ray Films & Chemicals                         | 362,143          |
| Washing Charges                                 | 360,000          |
| Fuel Gas  | 121,920          |
| Ambulance Expenses                              | 109,694          |
|   | <b>2,691,744</b> |
| <b>" 012 " UTILITIES:</b>                       |                  |
| Electricity Charges                             | 4,389,878        |
| Telephone Charges                               | 716,056          |
| Water Charges                                   | 242,190          |
| Power (Generator)                               | 234,608          |
|   | <b>5,582,732</b> |
| <b>" 013 " ADMINISTRATIVE EXPENSES:</b>         |                  |
| Bank Charges & Interest on OD                   | 3,300,597        |
| Lab charges                                     | 1,860,806        |
| Consultancy fee                                 | 1,142,444        |
| Printing & Stationery                           | 892,876          |
| Waste Management                                | 508,350          |
| Administrative Charges on EPF                   | 363,074          |
| Computer Maintenance                            | 283,967          |
| Tamilnadu Pollution Control Board - Consent Fee | 206,944          |
| Scan charges                                    | 185,370          |
| Workshop & conference                           | 174,080          |
| Garden Maintenance                              | 147,112          |
| Miscellaneous Expenses                          | 127,123          |
| Honorarium to Auditors                          | 118,000          |
| Advertisement Charges                           | 109,322          |
| Freight, Cooly & Conveyance                     | 71,934           |
| Local fund audit                                | 66,473           |
| Licence & Renewal fee & Insurance               | 58,995           |
| Admin charges for RAGAS dental college          | 55,000           |
| Postage & Telegrams                             | 46,033           |
| Subscriptions, Books & Periodicals              | 29,007           |
| Insurance Charges                               | 14,540           |
| Filing charges                                  | 13,209           |
| Rates and Taxes                                 | 7,800            |
|   | <b>9,783,056</b> |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT**  
**FOR THE YEAR ENDED 31.03.2018**

| SCHEDULE                                       | RECEIPTS           |
|--|--------------------|
|  | <b>Rs.</b>         |
| <b>" 014 " PROJECT PAYMENTS:</b>               |                    |
| VHS-CDC Projects                               | 128,372,619        |
| Rotary Central/TTK-VHS Blood Bank A/c          | 35,796,899         |
| VHS-MSA Project                                | 12,771,393         |
| Diabetic Project A/c                           | 11,284,503         |
| TAG - VHS Diabetes Research Centre A/c         | 6,315,456          |
| Community Health Project                       | 6,161,124          |
| Drs. Indira & B. Ramamurthi Medical Relief A/c | 2,884,825          |
| Stroke Project A/c                             | 2,776,731          |
| Blood Bank A/c                                 | 2,214,066          |
| Urban Family Welfare Centre A/c                | 2,202,806          |
| T.S. Srinivasan Neurosciences Centre A/c       | 1,262,513          |
| Eye Research A/c.                              | 573,000            |
| Teaching Programme A/c                         | 405,800            |
| Cardiology Project                             | 360,571            |
| Science and Engineering Research Board         | 299,192            |
| Pediatric Ward projects A/c                    | 282,000            |
| Sri Varasidhi Vinayakar Temple A/c             | 59,950             |
| Indian Bank Staff Treatment A/c                | 54,000             |
| Dr. A. Lakshmipathy Neurosurgery R & D A/c     | 51,072             |
| Bank Of Baroda Medical Relief A/c              | 28,500             |
| VHS Clinic Research                            | 9,960              |
| Micro Neurosurgery workshop                    | 163,233            |
|  | <b>214,330,213</b> |
| <b>" 015 " COST OF FIXED ASSETS ACQUIRED</b>   |                    |
| Equipment                                      | 13,786,034         |
| RO plant (under installation)                  | 2,447,771          |
| Vehicle  | 1,218,400          |
| Building                                       | 872,028            |
| Furniture                                      | 74,718             |
| Computer                                       | 64,970             |
| Kitchen Utensils                               | 12,785             |
|  | <b>18,476,706</b>  |

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT**  
**FOR THE YEAR ENDED 31.03.2018**

| SCHEDULE   | RECEIPTS           |
|--|--------------------|
|  | Rs.                |
| <b>" 016 " ADVANCES &amp; DEPOSITS</b>               |                    |
| Advances for Purchases                               | 96,829,088         |
| Advance Collections from Patients adjusted           | 28,372,300         |
| Advances for VHS – CDC Projects                      | 5,119,000          |
| Festival Advance to Staff                            | 1,344,000          |
| SGST Output  | 1,229,967          |
| CGST Output  | 1,229,967          |
| Additional Deposit to MES                            | 819,298            |
| Tax Deducted at Source                               | 811,574            |
| Interest free deposit from Senior Citizen Centre     | 750,000            |
| Mess Recovery from Staff paid                        | 569,209            |
| VAT Paid   | 290,410            |
|  | <b>137,364,813</b> |
| <b>" 017 " OTHER PAYMENTS:</b>                       |                    |
| Remittance of :                                      |                    |
| Employees Provident Fund                             | 8,819,508          |
| ESI  | 2,438,145          |
| LIC Salary Savings Scheme                            | 508,161            |
| Tamilnadu Labour Welfare fund – Employees collection | 4,410              |
| Professional Tax                                     | 452,850            |
| Service Tax  | 141,257            |
| Electronic Cash Ledger                               | 26,832             |
| Income Tax Collection & Remittance                   | 3,205,311          |
|  | <b>15,596,474</b>  |

**For Aiyar & Co.,**  
Chartered Accountants  
Regn. No.000063S

**N. SRIDHARAN**  
Proprietor  
Membership No.20503

**S. SURESH**  
Hony. Secretary

**J.Srinivasan**  
Hony. Treasurer

**M.S. SWAMINATHAN**  
President

Chennai, dated 21 Aug 2018

**AIYAR & CO.**  
Chartered Accountants

Telephone :24816866  
Telegrams : HISAB

New No. 2 (Old No.184)  
Rangarajapuram Main Road  
First Floor  
Kodambakkam  
Chennai : 600024

Date : 21 August 2018

**CERTIFICATE**

**To Whomsoever It May Concern**

We have audited the attached Balance Sheet of THE VOLUNTARY HEALTH SERVICES, CHENNAI 600113 as at 31 March 2018 and also the Income and Expenditure Account for the year ended on that date.

We further certify that the donations received for Medical Sciences Research Activities during the said period were utilized only for the purpose for which they have been received.

We also certify that the Institution is carrying on the Medical Sciences Research Activities and is meeting out the Excess of Expenditure over the Income for the Medical Sciences Research Activities out of its own resources.

For AIYAR & CO.  
Chartered Accountants  
Regn. No.000063S

**N. SRIDHARAN**  
Proprietor  
Membership No.20503

**THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113**  
**CONSOLIDATED RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31 MARCH 2018**  
**MEDICAL SCIENCES RESEARCH ACTIVITIES ACCOUNT**

|    | RECEIPTS                              | Rs.               |    | PAYMENTS                | Rs.               |
|----|---------------------------------------|-------------------|----|-------------------------|-------------------|
| To | Donations U/s 35 (1) (ii) of I.T. Act | 10,835,160        | By | Salary                  | 15,057,371        |
|    | Interest                              | 1,351,707         |    | Drugs                   | 310,948           |
|    | Grants                                | 1,622,988         |    | Disposables & Chemicals | 857,025           |
|    | Others                                | 593,424           |    | Dietary Expenses        | 114,812           |
|    |                                       |                   |    | Consumables             | 209,798           |
|    | Contribution from VHS                 | 3,871,188         |    | Utilities               | 553,674           |
|    |                                       |                   |    | Repairs and Maintenance | 771,790           |
|    |                                       |                   |    | Books and Journals      | 24,733            |
|    |                                       |                   |    | Administrative Expenses | 323,244           |
|    |                                       |                   |    | Equipment               | 51,072            |
|    |                                       |                   |    |                         |                   |
|    | <b>Total</b>                          | <b>18,274,467</b> |    | <b>Total</b>            | <b>18,274,467</b> |

Certified to be correct

**For Aiyar & Co.,**

Chartered Accountants  
 Regn. No.000063S

**N. SRIDHARAN**  
 Proprietor  
 Membership No.20503

**S. SURESH**  
 Hony. Secretary

**J.Srinivasan**  
 Hony. Treasurer

**M.S. SWAMINATHAN**  
 President

Chennai, dated 21 August 2018