



ANNUAL REPORT

2018 - 19

61 Years

TRULY AFFORDABLE QUALITY 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 2018-19

(as on 31 March 2019)

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. S.S.R. Rajkumar

Ms. K.S. Lakshmi

Mr. K.V. Ramana Shetty

Mr. S.Vinod Kumar

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 2019)

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. R.N. Damani
Mr. P.L.N. Raghukumar
Mr. P.R. Venkatachalam
Mr. R.T. Chari
Mr. Vivek Chari
Dr. S. Parthasarathy
Dr. Ramesh Chandrasekaran
Mr. S. Vinod Kumar
Dr. Vasudha Rajasekhar
Mr. S. Santhanakrishnan
The Advocate General (TN)
The Collector of Chennai
The Chairman, Madras Chamber of
Commerce and Industry



MEMBERS OF THE SUB-COMMITTEE
(as on 31 March 2019)

Administration and Accounts Sub-Committee

Mr. R. Rajagopal, *Chairman*
Mr. J. Srinivasan
Mr. N. Gopalakrishnan
Mr. S. Athmaram Bhatt

Prof. S. Suresh
Mr. B. Selvarajan
Mr. N. Kasturi Rangan

Projects Sub-Committee

Mr. R. Rajagopal, *Chairman*
Mr. J. Srinivasan

Prof. S. Suresh
Mr. Sriram Panchu

Hospital Development Committee

Dr. S. Parthasarathy – *Chairman*
Prof. S. Suresh
Mr. N. Gopalakrishnan
Mr. J. Srinivasan
Dr. M.C. Vasudevan
Dr. J. Balasubramaniam
Dr. Sarala Gopalan

Dr. S. Janaki
Dr. Joseph D. Williams
Dr. V. Parthasarathy
Dr. V. Senthilkumar
Dr. Sandeep Murali
Dr. Ramesh Chandrasekaran

Blood Bank Sub-Committee

Prof. S. Suresh
Mr. J. Srinivasan
Dr. J. Balasubramaniam

Mr. R. Rajagopal
Mr. D. Chandrasekaran
Ms. Bhanu Raghunathan



OUR TEAM

Attached to the Voluntary Health Services Medical Centre as on 31 March 2019

GENERAL ADMINISTRATION

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

Honorary Secretary

Dr. H.Yuvraj Gupta, BDS, MBA

Director Hospital & COO

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. PLS Muthu, B.Sc. (Hon), Member of AHA

General Manager (Hospital Services)

Mr. N.Krishnan, MBA, BA (Corporate Secretaryship)

Head HR & IR

GENERAL MEDICINE

Dr. Saroja Srinivasan, MBBS

Dr. Sarojini Hariharan, MBBS

Dr. K.V. Rajeswari, MBBS

Dr. Shameeza R.Quathoon, MBBS

Dr.L.Sriram, MBBS

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

OBSTETRICS & GYNAECOLOGY

Dr. S. Janaki, MD, DGO

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

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

Dr. K. Pushpalatha,DGO

Dr. A.Vaishnavi, MBBS, MS, OBG.

Dr. Sudha Ramesh , MBBS , DGO

Empanelled

Dr. Rukmani, DGO, DNB (OG)

Dr. Chitra Shankar MD (OG), DNB (OG)

Dr. Meera V.V. Ragavan, MD, DNB, MRCOG

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

INTENSIVE CARE UNIT

Dr. V. Senthilkumar, MBBS, DNB

Dr. S. Sadhvia, MBBS

Dr. M. Raja, MBBS, DNB

Dr. B. Jisna ,MBBS



LAPAROSCOPY

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

Dr. Balasingh Hillary, MS, FRCS

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), MD, Uro-Oncology,
FRCS (Urology) Fellow in Minimally Invasive Urology

Dr. Sivakumar (Uro oncology), FRCS (Urology)

PG in teaching & Learning, Fellowship in laparoscopic
& Robotic surgery

NEUROLOGY & REHABILITATION

Dr. S. Vijayakumar, MBBS, DPM

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)

Dr. J. Senthinathan, MD, DM (Neuro)

Dr. Prithika Chary MD, DM, PhD

HAEMATOLOGY

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

OPHTHALMOLOGY

Dr. S. Parthasarathy, M.S, DO

Dr. Indumathi Sridhar, MBBS, DNB

Dr. B. Vidya MBBS, DO, DNB(Oph) FRCS(Glas)

ANAESTHESIOLOGY

Dr. Rajalakshmi Velayudam, MBBS, DA

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)

Dr. Sarita Dasari, AB (Neph)

CARDIOLOGY

Dr. N. Subramanian, MD (GM) DM (Card),
FACC, FRCP

Dr. Padma Chari, MBBS

NEUROSURGERY

Dr. M.C. Vasudevan, MD, DNB (NS)

Dr. A. Vincent Thamburaj, MBBS, DNB, FRCS

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 Desikal, MD, DCH

Dr. Varadarajan, MBBS

DIABETOLOGY

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

Dr. Saroja Srinivasan, MBBS



PSYCHIATRY

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

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
Dr. Vijay Amritraj MD (Path)

ENT

Dr. Mukundan Subramanian, MS (ENT), DNB (ENT)

DEPARTMENT OF MEDICAL ONCOLOGY

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

IDMC

Dr.Kumaraswamy PhD, Fellowship in Infectious
Diseases
Dr. S.Poongulali MBBS, DGO, PhD.
Dr. S. Pooja MBBS, DNB

DEPARMENT OF ENDOCRINOLOGY

Dr.Usha Sriram, AB (Endocrinology and
Metabolism)
Dr. Srividhya Venkataraman, M.D (USA),
AB(Endocrinology and Metabolism)
Dr. Amala Florida, MBBS, D.Diab

DEPARTMENT OF CHILD HEALTH (Unit- I)

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
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. Anbezhi Subbarayan MBBS, MRCPCH
Dr. P. Balamourougane, MS, MCH
Dr. Karpaga Vinayakam, MS, MCH
Dr.Thambarasi, MD
Dr. Sasidharan. MBBS, MD
Dr.Julius Xavier Scott MD, D.CH, DNB
Pediatrics, FPHO (Australia)
Dr.Dhanasekhar Kesavelu. MD, MRCPCH
Dr. U. M. Priyadarshini, MBBS
Dr. Rajshree Sundararajan, MBBS, MRCPCH
(UK), MD(Paed)



DEPARTMENT OF SURGICAL ONCOLOGY

Dr. Kathiresan, 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 | 2. Dermatology |
| 3. Tele-Radiology | 4. General Medicine |



Secretary Speaks

Sixty-one glorious years have rolled by since our beloved Founder Dr K.S.Sanjivi committed himself to build an institution to provide truly affordable care to the society. The medical field has seen rapid advancements in technology and new concepts in providing health care are constantly emerging. Considering this we had established a strategic task force in VHS under the chairmanship of Shri Kasturi Balaji. This task force has laid a road map for reinventing VHS and we are steadily marching ahead to reach the set goals. Needless to say, we are committed to keep pace with the technological advances and also rise up to the challenge of keeping our costs affordable. This is indeed a challenge, but we are confident that we will reach there with immense support from the community.

VHS is now marching ahead and we have made significant administrative changes with a single-minded goal of improving efficiency, streamlining processes and better patient experience. Dr Yuvraj Gupta, was appointed as Director and COO who is leading the institution towards NABH accreditation. The HR department headed by Mr Krishnan has played a significant role in revamping HR policies. He has been instrumental in signing an agreement with the workers and implementing the Minimum Wages Act as per Government guidelines ensuring smooth operation for the next three years.

Another major highlight is the transition of the YRG centre for HIV into the VHS Infectious Diseases Medical Centre(VHS-IDMC). VHS thanks the YRG foundation for building up a centre of excellence for HIV care under the leadership of Dr Suniti Solomon. This IDMC has now expanded and provides care for all infectious diseases under the able leadership of Dr Kumaraswamy. I extend a warm welcome to all the staff of the VHS-IDMC.

A new chapter has begun in our association with the MAC educational foundation and henceforth the MAC college of Nursing will be renamed as VHS-MAC College of Nursing. I am thankful to the Chairman MAC College Shri AC Muthiah for making this happen.

During the year we have overcome several challenges and this was possible due to the constant support and encouragement from our President Prof M.S.Swaminathan, Shri R.Rajagopal and all the members of the Central committee and the Board of Trustees.

A special word of thanks goes to Mrs Saradha, our Director Finance and Dr Joseph Williams, Director Projects both of whom have worked very hard to achieve their goals.

During the year VHS bid adieu to Prof CV Krishnaswamy who has been in VHS for over 5 decades and developed a unique centre for Type 1 Diabetes and also the TAG VHS Diabetes Research Centre. We are very grateful to him for his contribution to society. A new endocrinology and diabetes department has been commissioned under the leadership of Dr Usha Sriram, a noted endocrinologist. With support from philanthropists, this department has launched a new "Sahodari" Scheme to provide free diabetes care for women in the unorganized sector. Several women have already benefitted by this scheme. We thank Mr RT Chari and family for their continued support.

In view of the increasing engagement with the donor and rising donor base, it was considered pertinent to create a full time Donor – Relations desk and Mr Vijay Anand Ramanujam was appointed as Director donor relations. With his immense support and efforts we were able to reconnect with donors to provide feedback and felt more responsible in providing up to date information on utilization of donations. Currently this department is headed by Mrs Sowmya Natarajan.

VHS is where it is today due to the generosity and kindness of donors. I am overwhelmed by the support VHS is receiving from the industry. Special mention must be made of the TVS group and Cognizant Foundation, Satyanarayana trust, Arvind laboratories, Financial Software Systems, IM Gears etc.. who have made very significant contributions. I take this opportunity to thank all the donors of VHS for reposing faith in us and I assure them of our continued commitment to the cause of society.

Last but not the least, VHS would not have been able to achieve its mission of providing quality affordable care without the support of the Doctors, Nurses, Workers and support staff who have evolved along with the organization and have continuously been greatest pillars of support for the last 61 years and have pledged to continue their support for this organization. The dream of achieving low cost affordable quality healthcare is a combined dream of the entire team of VHS.

– Prof. S. Suresh

FINANCIAL HIGHLIGHTS**Income and expenditure for the year ending**

Particulars	Rs. Lacs March 31, 2019	Rs. Lacs March 31, 2018
Income		
Revenue	1064.24	875.09
Sale of Drugs	306.3	258.26
Donations	264.4	132.34
Government Grant	118.42	12.73
Other Income	55.74	68.71
Total Income	1809.10	1347.13
Expenditure		
Establishment charges	1081.96	822.37
Drugs Purchases	200.08	170.46
Direct Costs	270.38	221.61
Other Expenses	248.01	145.47
Total Expenditure	1800.43	1359.91
Cash Surplus (Loss)	8.67	(12.78)
Depreciation	191.70	209.48
Excess of expenditure over income	(183.03)	(222.26)

The Society has ended up with an excess of expenditure over income by 183.03 Lakhs (2017-18:Rs. 222.26 Lakh) with a cash surplus of Rs.8.67 lakhs (2017-18: (Rs.12.78 lakh)).

Donations received by the Society during the year totalled Rs. 442.68 lakh (2017-18 Rs. 392.57 lakh), besides Rs.8.00 lakhs (2017-18: Rs.1.76 lakh) by way of individual foreign contributions excluding capital donations. 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 2019 are appended.

Out of the above donations, the amount received for Medical Sciences Research activities during the year was Rs.85.56 lakh (2017-18: Rs.108.35 lakh).

Appended are the Auditors' Report and the Balance Sheet of VHS as on 31 March 2019, and the Income and Expenditure Account of the institution, for the year 2018-19.

SOCIETY's ACTIVITIES

The 60th Annual General Meeting of the Society was held on 25 September 2018 at VHS. During the year under report, the Central Committee met 6 times.

The 26th Anniversary celebrations of The Rajaji Centre for De-addiction were celebrated on April 8, 2018 at the K.S Sanjivi auditorium, VHS. Mr. Siddarth, actor, was the chief guest. Prizes were distributed to the recovered persons who had been sober and leading an alcohol free life.

Rajaji Center for Deaddiction, Department of Psychiatry, VHS celebrated its 26th Anniversary on 08th April 2018 at K.S Sanjivi Auditorium, VHS. Mr. Sidharth, Actor was the Chief guest. Prizes were distributed to the recovered persons, who had been sober and leading an alcohol free life.

In connection with the International Day against Drug Abuse and Illicit trafficking an awareness programme was organized on 25th and 26th June 2018 for the students of Olcott Memorial Higher Secondary School, Besant Nagar, Chennai 90 (9th to 12th std students). Drawing competition on the damages of addiction was held on 25th June 2018. On 26th June 2018, an awareness programme was conducted through interactive session, street play etc. Prizes were distributed to the winners of the Drawing competition.

On 27th October 2018, an awareness programme on Mental Health / Well being was organized for the children (at the age group 10-20 yrs) of the staff of VHS. Theme of the year was "Young people and Mental Health in a changing world".



DONATION BY COGNIZANT FOUNDATION

Cognizant Foundation has donated equipment to the PICU and NICU of the Department of Child Health to the tune of Rs.61.20 lakh and these units are provided with Tele-PICU with NICU trained doctors to take care of NICU and paediatric babies. The equipments have further strengthened the department of NICU.



CELEBRATION OF INTERNATIONAL WOMEN'S DAY CELEBRATIONS

WOMEN'S DAY CAMP: On the eve of the International Women's Day Celebrations, a special camp was conducted by the Department of Obstetrics and Gynaecology for the residents in and around Adyar from March 11, 2019 to March 31, 2019. Many women and girls benefited from the programme.

ORTHO CAMP – A special camp was conducted on March 16, 2019 by the Orthopaedics Department for conducting various tests like Bone Density Screening, Dietician advice and consultation by an orthopaedic specialist.

DONATION OF A NEONATAL AMBULANCE

Rotary Club of Madras Metro along with Metallizers Pvt Ltd and Kaleeswari Refinery Pvt. Ltd. donated a fully equipped Neo Natal Ambulance during the year. A grand inauguration function was held on March 19, 2019. The ambulance is well equipped to carry pre-term and new-born babies from across the city to our state of the art NICU / PICU facilities and we are able to provide timely care to the critical babies.





5. NEW INITIATIVES

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

TAG VHS ENDOCRINOLOGY:

We extend a hearty welcome to Dr. Usha Sriram who commenced her Endocrinology Clinic in the TAG-VHS block. The Department is on its way to create a world class Women centre to provide a one-stop solution for holistic women care. The Department also conducts “SAHODARIS” a welfare programme along with an NGO named DIWWAAS to render complete healthcare to the underprivileged women of the society.

INTEGRATION OF IDMC WITH VHS

During January 2019, the clinical arm of the YRG Foundation, well known for providing HIV care to the patients, has been integrated by VHS. Hence, as a new feather to its cap for rendering various multi- speciality services, VHS now also takes care of HIV patients under its direct purview and the benefits available to the rest of the VHS patients would now be extended to the patients under HIV care. The unit is run under the aegis of Dr. Kumaraswamy.

ACKNOWLEDGEMENTS

The Government

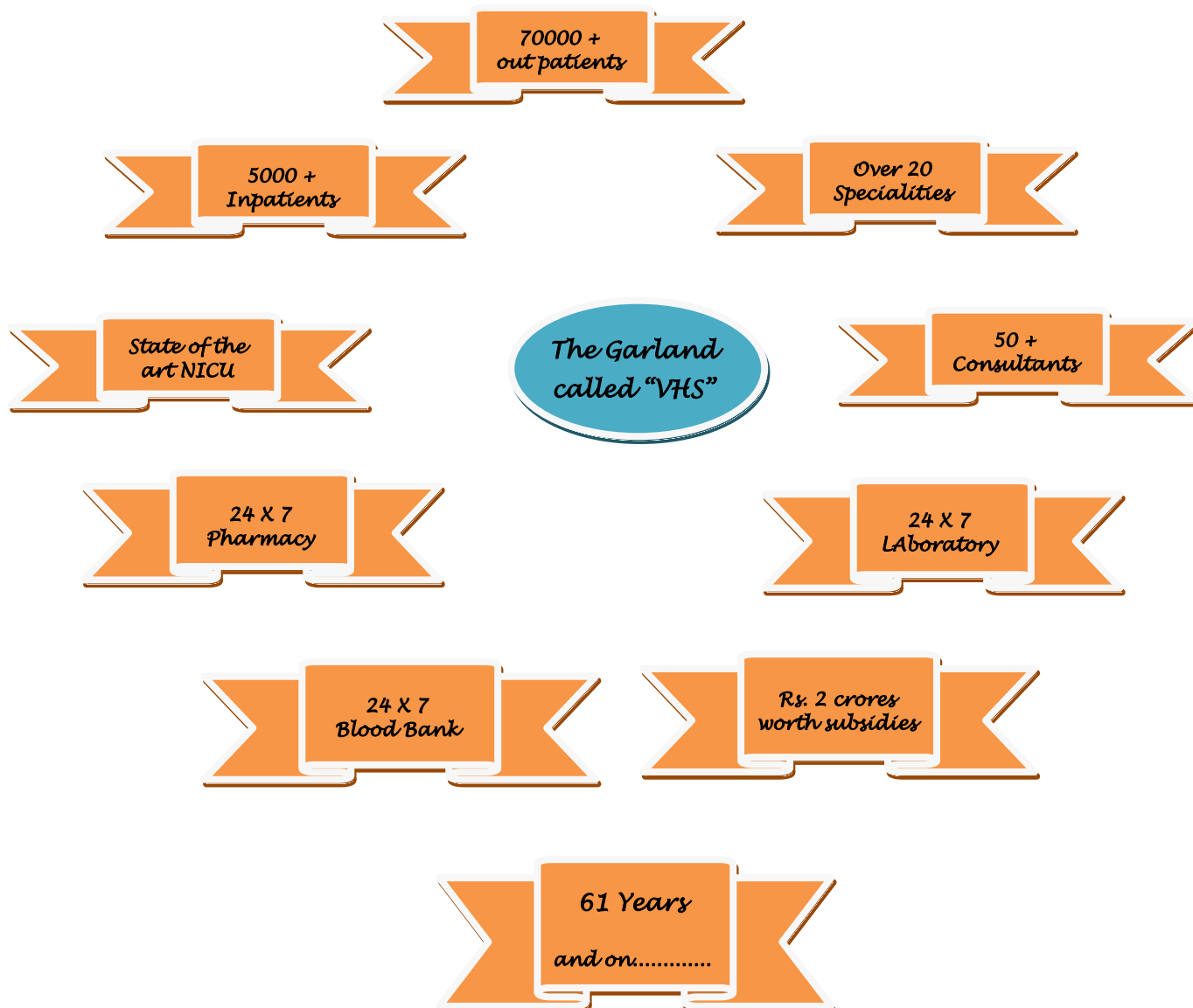
We thank the Government of India for its continued support in the form of Tax benefits and various Grants. We are thankful to the Government of Tamil Nadu for continuing to provide the Hospital Maintenance Grant and Family Welfare Grant. The Department of Medical and Rural Health Services has increased 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 61 years of its humble service.

6. HIGHLIGHTS

61+ YEARS OF RENDERING HEALTHCARE SERVICES AT AFFORDABLE COST



a) **Out – Patient Services:** The total number of out-patient consultations during the year 2018-19 is 70,316. There has been an increase in the patient walk-ins by 5% 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. 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 5,228 and out of the total, 3,822 representing 72% 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	337
Pre-employment Medical Check-up	29
Food Handlers Medical Check-up	31
Medical Check – up (MAC School of Nursing)	215
Medical Check up treatment	24

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	511 Patients (4088 sittings)
Neuro-Surgery	49
General Surgery	48
Urology	19
Orthopaedics	7
Plastic surgery	3

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	2018-19(Nos)
Out-patients	8229
In-patients	1373

The total number of in-patients treated during the year was 1373 out of which 977 patients constituted the general ward category. The total subsidy provided to the patients in the department during the year was Rs. 24.92 lakhs as against a subsidy of Rs.32.79 lakhs during the year ending 31 March 2018. Out of the above Rs.21.54 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.

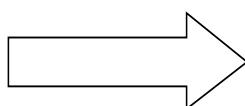
Statistics – No of patients

Particulars	2018-19 (Nos)
Out-patients	6416
In-patients	608
No: of Surgeries	330

Of the total number of IP cases, the patients admitted under the subsidised ward were 450 (2017-18: 518) and the value of subsidies offered to these patients amounted to Rs. 48.04 lakhs (2017-18: Rs. 52.93 lakhs). The total value of subsidies offered to the patients of general surgery was Rs. 42.48 Lakhs (2017-18: Rs. 61.31 Lakhs).

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 laparoscopic sterilisation, 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 equipment 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: 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 - No of patients

Particulars	2018-19
OP(OBG)	3762
OP (MCS & Ante-natal)	2893
Infertility Cases	180
In- patients treated	
OBG	517
Gynaecology	105

MCS Ward / Family Welfare Centre

Particulars	No: of Patients 2018-19
Deliveries	273
OT Cases Major	138
Minor	48
Laparoscopy cases	28

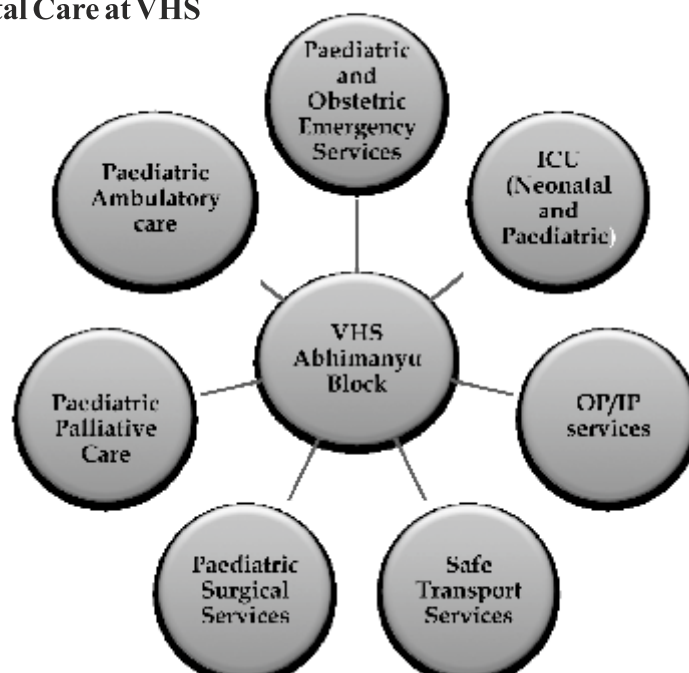
We receive Grant-in-Aid for running the Family Welfare Centre from the Directorate of Family Welfare and are thankful to the Directorate for continuing to release the grant for meeting the recurring expenditure towards staff salaries, drugs, diet, and the tubectomised mothers.

The total value of subsidised services provided during the year amounted to Rs.38.12 Lakh (2017-18 :48.66 lakh) out of which Rs. 29.50 lakh was towards the services provided to the General Ward Category. 68% 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	2018-19 (Nos)
Out-patients	5569
In-patients	591
Post Natal Babies	273
NICU admissions	154
Paediatric surgeries	13

The total number of patients admitted under the General Ward amounted to 453 who were given subsidies to an extent of Rs 3.46 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	2018-19 (Nos)
Out-patients	849
<i>Non-Invasive Studies</i>	
Echo	1049
Treadmill	84
EECP	1

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.3.07 lakh (P.Y 1.00 lakh)



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

7.6.1 Background and Salient Features

The Institute of Neurological Sciences (TINS) at VHS is the living legacy of Prof. Krishnamoorthy Srinivas. It was established 53 years ago on 15th January 1965 by the late Prof. Krishnamoorthy Srinivas, the Founder Chairman TINS. Since then the path has been long and tedious but also crowded with several achievements and accomplishments. TINS continues to provide outstanding I.P., O.P and Acute Care for patients with Neurological conditions, Academic courses and PhD Programmes. TINS has expanded into a hub for Community-based professional training, academic courses, internship, concurrent field work training for both Under and Post Graduate candidates (Social Work, Psychology, Siddha and Nursing), PhD programme and providing exposure to neuro science research and expert clinical neurology.

Dr.J.Senthil Nathan, MD, DM(Neuro), Head of Clinical Services and Research for TINS-VHS and VHS CARES. He has been instrumental in collaborating with the Department of Neurosurgery to enhance quality of patients care, academic and research for patients with neurological disorders along with the support of a multidisciplinary team of TINS and VHS CARES.

ACHIEVEMENT AND MILESTONES FROM 01.04.2018 TO 31.03.2019

The staff of the neurology department participated in the following symposia:

- ❖ TS Srinivasan – NIMHANS knowledge symposium at Chennai 17th February 2019.
- ❖ 16th M.V.Arunachalam Endowment Oration 15th September 2018.

RESEARCH AND ACADEMIC:

Since 2004, TINS has been engaged in teaching and research works.

Three research fellows were guided by Dr.E.S.Krishnamoorthy. Two were awarded the PhD Degree and one is awaiting for his Viva and two research fellows were guided by Dr.Lakshmi Vijayakumar and awarded the PhD Degree by Tamil Nadu Dr.MGR Medical University.

GUIDE AND CO-GUIDE FOR PHD PROGRAMME:

- ❖ Dr.E.S.Krishnamoorthy, PhD Guide
- ❖ Dr.Lakshmi Vijayakumar, PhD Guide
- ❖ Dr.James Devasagayam, Clinical Psychologist and Neuro Psychologist – PhD Co-Guide
- ❖ Dr.Sailakshmi – Applied for the renewal of PhD Co-Guideship.

TEACHING

In the Academic year 2018-2019 a total of 42 interned at TINS-VHS and VHS CARES from various backgrounds including Bachelor of Siddha, Medicine, MSW (Medical and Psychiatry) and UG Social Worker, UG and PG Psychology, M.Phil (Psychology) from various reputed colleges and Institutions in and around Tamil Nadu and students from SRMC, Porur came for one day Observation Visit.



S.No	Name of the College/ Institution	Number of Students
01	VELUMAILU SIDDHA COLLEGE	9
02	STELLA MARIS COLLEGE	3
03	MADRAS UNIVERSITY	7
04	MADRAS SCHOOL OF SOCIAL WORK	2
05	DR.MGR JANAKI COLLEGE OF ARTS AND SCIENCE	2
06	RAJAGIRI COLLEGE OF SOCIAL SCIENCES	3
07	MAR GREGAREOUS COLLEGE	1
08	LOYOLA COLLEGE	5
09	PATRICIAN COLLEGE	2
10	DG VAISHNAVA COLLEGE	5
11	GURUNANAK COLLEGE	1
12	ST.JOSEPH ARTS AND SCIENCE	2

II. Publications

Dr.J.Senthil Nathan (2018) “Clinical Approach to Carpal Tunnel Syndrome” - Pearls in Neurology

Dr.J.Senthil Nathan (2018) “Novel Drug Delivery in Neuro Therapeutics” – Ian Textbook of Neurology

Dr.N.D.Ramanujam (2018) A clinicians perspective of Epilepsy - “The Antiseptic” indexed journal

SEMINAR/ LECTURE

- ❖ Dr.N.D.Ramanujam gave a talk on Clinical Examination of Nervous System for the Nurses Conference a State level workshop on the theme “Neuro trauma emergency Concepts and Nursing Challenges” on 5.7.18 at M.A.Chidambaram College & School of Nursing, VHS campus.

Dr.N.D.Ramanujam chaired 3 consecutive different sessions in API Chennai Chapter with BPCON – Annual conference held at Hyatt Regency on the following topics: Solidary pulmonary nodule, hypertension with obesity and metabolic syndrome and Secondary hypertension

- ❖ Dr.N.D.Ramanujam CME Talk on “A clinician's perspective of epilepsy” on Aug 11, 2018 at Raj Sundhar Palace for IMA Chennai South in which he is a past president and now an Executive Committee Member.

FUNDING

TINS-VHS has been a preferred venue for Corporate Social Responsibility (CSR) initiatives of philanthropists contribution. The main supporters are as follows (arranged in alphabetical order):-Amritha Hariraj; Bajaj Auto Limited; CEC Popadi; Kasturi & Sons, (The Hindu), Murugappa 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.Aparna Saikrishna Rajagopal.

VHS-CARES

VHS CARES : Centre for Advanced Rehabilitation Specialities established in 2010 is a set up to provide step-down care after major illness or operations; and respite care for families that need a break from long-term care giving of the person with debilitating and terminal illness with the help of our multi-disciplinary team includes doctors, physiotherapists, Social Workers and nurses. A day care centre also functions within the premises for those who do not need in-patient care and facilitated by a force of rehabilitation experts. Patients recommended for the programme are persons with neurological disorders, neuropsychiatric problems, post head and spinal trauma rehabilitation, post orthopedic surgery, children with cerebral palsy and those with epilepsy and behavioral problems. VHS-CARES has been supported by the Institute of Neurological Sciences, the TVS family and VHS.



During the financial year 2018-2019 three community based awareness programme were conducted in CARES premises. On 22nd May 2018, Stroke Day was celebrated in CARES. Around 30 patients of Stroke along with their attenders participated in the programme where their experiences were exchanged. There was a short talk on Stroke, early identification, need for early and complete rehabilitation were given by Doctors, Physiotherapist and Social Workers. It was well attended and appreciated by the public.



In lines with world epilepsy day we conducted Epilepsy and Seizure Disorders & Review on 9th March 2019. It was attended by around 40 people who were either epilepsy patients or their care givers. Awareness talk about epilepsy and continued therapy were given by the Doctors during the event. Psychosocial problem faced by the epilepsy patients were discussed by Clinical Psychologist and Social Workers. It was hugely successful event with patients and attenders requesting for such events in future.



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
01.	Seizure disorder	18
02.	Stroke	62
03.	Parkinson's Disease	3
04.	Peripheral Neuropathy	8
05.	Vertigo	4
06.	Metabolic Encephalopathy	6
07.	Anxiety + Depression	8
08.	Lumbar Spondylosis	14
09.	Guillain- Barre Syndrome	6
10.	Head Ache	20
11.	Bell's Palsy	3
12.	Head Injury	2
13.	Transient Ischemic Attack	1
14.	Central Pain Syndrome	1
15.	Syndromal diagnosis	1
16.	Movement Disorder	6
17.	Cerebral Venous Thrombosis	6
	TOTAL	169

Total number of in-patients: 169 IP Referral : 178

Out - Patient Statistics

S.No	Diseases	Number of Patients
01.	Head Injury	30
02.	Head ache	323
03.	Seizure Disorder	498
04.	CVA	197
05.	Giddiness	43
06.	Depression	88
07.	ADHD	12
08.	Parkinson's Disease	21
09.	Neck Pain	29
10.	Old CVA (Chronic Kidney Disease)	15
11.	Alcoholism	31
12.	Severe Depression	30
13.	Anxiety and Depression	30
14.	Bell's Palsy	64
15.	Vertigo	52
16.	Biparietal Positional Vertigo	20
17.	Anxiety Neurosis	40
18.	Movement Disorder	2
	TOTAL	1525

Total Number of Out – Patients : 1525

VHS- CARES

S.No	Disease Conditions	Number of Patients	Average Duration of Stay
1.	Stroke and (CVA)	57	17
2.	GBS	5	30
3.	Head Injury	3	37
4.	Lumbar Spondylosis	1	51
5.	Cervical Spondylosis	2	12
6.	Carcinoma	1	25
7.	Peripheral Neuropathy	2	8
8.	Seizure Disorder	2	16
9.	Motor Neuron Disease	1	6
10.	Vertigo	1	7
11.	Brachial Plexus Injury	1	7
12.	CIDP	1	16
13.	Transverse Myelitis	1	113
14.	Multiple Sclerosis	1	9
15.	Cancer	1	117

Total number of Inpatients in CARES : 80

VISITING FACULTY

- 1) Prof.E.S.Krishnamoorthy, MD,DCN,PhD,FRCP,MAMS,FIMSA,FIPS,PhD Supervisor
- 2) Prof. Lakshmi Vijayakumar MBBS, DPM, PhD, FRC(Psych) PhD Supervisor
- 3) Prof.Subbulakshmy Natarajan MBBS, DCN, PhD, FRCP (Edin)
- 4) Dr. Vinayak Vijayakumar MBBS, DPM, M.D., M.Sc (Drug abuse)
- 5) Dr.Sailakshmi Ganesan, MPT, PhD, PhD Co-Guide
- 6) Dr.James Devasagayam., M.Phil (Clinc.Psy)., Ph.D
- 7) Vivek Misra, MS(Neurosciences), MIAN
- 8) Poornima Rajan, M.Phil(Clin.Psy)

We record our thanks to all the donors who have made the Institute of Neurological Sciences and continue their support over the years.

7.7 Department of Neurosurgery**Background and Salient features**

The Dr.Achanta Lakshmipathi 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).

Initial Donor – Dr.Achanta
Lakshmipathi (Arogya Ashrama
Samithi)

Cornerstone laid by
Dr. M.G.Ramachandran
(Ex-Chief Minister of Tamil Nadu)

Inaugurated in 1981 by
Dr.H.V.Hande, the then
Health Minister.

ICU and Operation theatre
revamped with R.Choodamani
Endowment Fund in 2012.

The institution has been a recognised postgraduate training centre for the National Board of Examinations. Since 1984, there have been 35 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	2018-19 (Nos)
No of surgeries	167
No of In-patients	396
No of Out-patients	2488

The total number of in-patients treated during the year was 396 out of which 165 patients constituted the general ward category. The total subsidy provided to the patients in the department during the year was Rs. 30.00 lakhs. Out of the above Rs.18.00 lakhs is provided towards the General Ward patients.

BENEFICIARIES

- o 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.
- o Providing an educational opportunity to
 - o Neurosurgical postgraduates
 - o General surgery postgraduates
 - o Neuro-anaesthesia training
 - o MS neuroscience students
 - o B.Sc., M.Sc. Nursing students

CONFERENCE / CME DETAILS	HIGHLIGHTS
TANS 2018 - 2nd Annual Conference of Tamilnadu & Pondicherry Association Of Neurosurgeons 5.4.18 to 8.4.18	Presentations : Dr. Adarsh – posterior fossa closure by bone sandwich technique Dr. Poonam – posterior only approach for thorocolumbar stabilization
Ethical committee meeting 1.5.18	Dr. Shyam Sundar K - attended as a committee members
BRM oration at MMC, Chennai 29.5.18	Dr. M.C. Vasudevan and Dr. Poonam Mohanty attended.
TANS education course – 2.6.18 & 3.6.18	Dr. Adarsh, Dr. Poonam – attended
Neuroclub - Chennai neuro association – 30.6.18	ABI – Dr. Shyam Sundar K Dr. Poonam Mohanty – Marburg variant of multiple sclerosis Epidermoid – Dr. Adarsh
Neurotrauma – an overview – CME – MAC College and school of nursing.	Talk by Dr. Shyam Sundar Krishnan
Neuroclub meeting 21.7.18	Dr. Pulak Nigam – Presented- Primary diffuse lepto meningeal glioneuronal tumour
Cadavar spine workshop at Shri Sathya Sai Medical College & Research Institute, Tiruporur on 18.8.18	Dr. Shanmugam, Dr. Adarsh M – attended
Neurovascon – 2018 – ITC Grand Chola – 7.9.18 to 9.9.18	Dr. Poonam, Dr. Shyam Sundar Krishnan, Dr. Pulak Nigam, Dr. Shanmugam – attended
Neuro critical care workshop – Kochi – 14.9.18 to 16.9.18	Dr. Adarsh Manuel – attended
Neuroclub meeting – 26.10.18	Presentations : Dr. Shyam Sundar Krishnan, Dr. Poonam, Dr. Sai Harish – a case report of C1-C2 fixation – spinal ependymoma.
Cyclone Gaja relief camp at Cuddalore – 30.11.18	Dr. Bhavin, Dr. Mangal, Mr. Karthik
NSI annual conference 2018 – Jaipur – 12.12.18 – 16.12.18	Dr. Pulak, Dr Poonam – attended
Paediatric neurosurgery CME- back to basics at Narayana Hrudayalaya Bangalore – 30.3.19- 1.4.19.	Dr. Poonam, Dr. Adarsh – attended

1. Kodaikanal – TANS 2018 – 5.4.18 to 8.4.18 – Dr. Adarsh, Dr. Poonam
Dr. Adarsh – posterior fossa closure by bone sandwich technique
Dr. Poonam – posterior only approach for thorocolumbar stabilization
2. NIMHANS posting – 26.4.18 to 25.5.18 – Dr. Pulak Nigam.
3. 29.5.18 – Dr. Pranesh – BRM oration at MMC, Chennai.



4. ABI – Dr. Shyam Sundar K, Dr. Poonam Mohanty, Epidermoid – Dr. Adarsh – 30.6.18 Neuroclub. Chennai neuro association – 30.6.18
5. Neurotrauma – an overview – CME – MAC College and school of nursing. Dr. Shyam Sundar Krishnan
6. Centre of excellence – posting – Park neurosciences – (Park Clinic) Kolkatta – 16.7.18 – 15.8.19 – Dr. Bhavin Patel
7. Neuroclub meeting – Dr. Pulak Nigam – Primary diffuse lepto meningeal glioneuronal tumour at Savera Hotel - 21.7.18.
8. Cadavar workshop on 18.8.18 – Dr. Shanmugam, Dr. Adarsh – back to basics
9. Neurovascon – 2018 – ITC Grand Chola – Dr. Poonam, Dr. Shyam Sundar Krishnan, Dr. Pulak Nigam, Dr. Shanmugam – 7.9.18 to 9.9.18
10. SGPGI – Lucknow – Dr. Pulak Nigam – 16.8.18 to 15.9.18.
11. Neuro critical care workshop – Kochy – Dr. Adarsh Manuel – 14.9.18 to 16.9.18
12. Neuroclub meeting – Dr. Shyam Sundar Krishnan, Dr. Poonam, Dr. Sai Harish – a case report of C1-C2 fixation – spinal ependymoma
13. Classes on Research methodology - Dr. Priya at Mary Shelvankar Hall, VHS.
14. CMCHIS camp from Cuddalore – Kaja Pooyal – Dr. Bhavin, Dr. Mangal, Mr. Karthik
15. NSI 2018 – Jaipur – Dr. Pulak, Dr Poonam – 12.12.18 – 16.12.18
16. OSCE – Part I – Dr. Poonam – 20.12.18
17. NSI – Dr. Bhavin, Dr. Gaddam Sai Harish – 12.1.19- 13.1.19.
18. NIMHANS – observership – Dr. M. Adarsh – 1.4.19 to 30.4.19
19. Conference – Erkadu – Stanley meet – Dr. M.C. Vasudevan 15.2.19, 16.2.19
20. Academic – Bangalore – Dr. Poonam, Dr. Adarsh 30.3.19- 1.4.19.

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, O₂ 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.

Particulars	No: of Cases
Intensive Care Patients	1208

7.9 Department of Endocrinology & Diabetology

Background and Salient features

The department of Endocrinology and Diabetes was officially launched on May 7 2018. The diabetes center has a great legacy of Dr CV Krishnaswami's pioneering efforts in diabetes care, especially Type 1 diabetes. Since his retirement in April 2018, the diabetes and endocrinology services are being headed by Dr Usha Sriram with her excellent team of doctors, allied health care professionals and administrators.

The services span the entire spectrum of endocrine disorders like Thyroid, Pituitary, Adrenal, Bone health, Parathyroid, Reproductive endocrinology and metabolic disorders like Obesity. Diabetes care is the thrust area for the department with special focus on Type 1, Type 2 and gestational diabetes.

The center is equipped with a DEXA scanner, Foot care equipment, ECG, Laboratory with Phlebotomist, nutritionists, diabetes educators, clinical psychologist, diabetologists, physicians, endocrinologists and super specialists like stroke and brain health expert Dr Prithika Chari.

The department has quickly grown as a referral center for the south Chennai physicians and hospitals and many from across the city and state. Since May 7 2018. The center has had over 10,000 patient visits.

The center has seen 4887 private patient visits , 3562 patients who came through VHS, 510 visits from the Sahodaris program, and over one thousand in hospital patients [just in 2019]

Signature programs of TAG VHS

Sahodaris : A 12 month completely free diabetes program dedicated to women from low resource settings. They are screened, evaluated, counselled on nutrition and life style, assessed for end organ damage and given medications and home glucose monitoring kit. The program is a first of its kind and will be able to develop a model of care to be used by public and private sector.

Sahodaris is an initiative of Diwwaas , a nonprofit with a vision of seeing a world where women and girls live healthy, happy, productive lives free of diabetes and its complications. Diwwaas was founded in 2013 by Dr Usha Sriram. Sahodaris is implemented at VHS specially designed for women from low and very low resource settings. The program was launched in Jan 2019 and has already enrolled 175 women.



Type 1 diabetes

The children and young adults from low resource setting with Type 1 diabetes receive free insulin and comprehensive care. The program is highly sought after and has the expertise of our diabetologists and our RMO Dr Saroja Srinivasan who has been in the program for many years. Our comprehensive services include experienced diabetologists, psychologists, nutritionists, educators and a pump technician.

Physicians, Health workers and Community Education

Nurses, nursing students, post graduates in medicine, patients and care givers are provided education periodically on diabetes care, non communicable diseases and endocrinology.



7.10 Department of Psychiatry and Rajaji Centre for De-addiction

Background and Salient features

Department of Psychiatry

Pioneered by
Dr. T. George (1983)

Taken forward by Dr. Sarada
Menon and Dr.S.Vijayakumar

The Rajaji Centre for De-addiction

Inaugurated on
Nov 4,1991

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 1st week and, in the 2nd 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

Particulars	2017-18	2018-19
Out-patients treated	2174	2382
In-patients treated	145	159
Psychiatry cases	11	410
Alcohol addiction	118	127
Tobacco addiction	1	
Alcohol plus snuff	1	
Alcohol with cool lip	1	
Alcohol with Ganja	5	4
Alcohol + Tablet	1	
Ganja + Nitrest	0	1
Ganja	4	2
Fevicol and glue addiction	1	
Tablet addiction	1	1
Paediatric Patients	19	
Cough syrup		2
Multiple addiction		1

In connection with the International against drug abuse and illicit trafficking an awareness programme was organised on 25 & 26 June, 2018 for the students of Olcott memorial higher secondary school, Besant nagar, Chennai (9th to 12th standard students). Drawing competition on the damages of addiction was held on 25th June, 2018. On 26th June, 2018 an awareness programme was conducted through interactive sessions, street play etc,. Prizes were distributed to the winners of the drawing competition. Another awareness programme was conducted for the children of VHS staff also.

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

Statistics - No of patients

Particulars	2018-19 (Nos)
Out-patients	3387
In-patients	154

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 80% of the overall patient strength. Out of the total in-patients, the amount of subsidies provided in the Department was Rs.14.73 Lakhs (P.Y :23.32 lakh), primarily towards 113 (P.Y: 133) 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	2018-19 (Nos)
Out-patients	2181
In-patients	41

Out of the above 41 in-patients, subsidies have been provided for a total value of Rs.1.52 lakh.

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	2018-19 (Nos)
Out-patients	721
In-patients	216

7.14 Department of Ophthalmology

Background and salient features

Set up by Dr. S.S.Badrinath

Collaboration with Rotary Club, Lions Club of Velachery and Sathy Sai Seva Organisations for free Cataract surgeries with IOL implantation (1990)

Inauguration of the state -of- the-art Retina Centre (2017)

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	2018-19 (Nos)
Out-patients	7700
In-patients	488
Outreach programmes	
through weekly camps	2900

The department is supported by various philanthropists for funding cataract surgeries and vitro retinal surgeries for the poor patients. During the year, Rotary club of Madras, South Trust had funded 10 retinal surgeries. Many patients benefited through OCT and B Scan investigations using the endowment funds of The Hindu Group and 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	2018-19 (Nos)
Dialysis	4169
Out-patients	436
In-patients	259

7.16 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	2018-19 (Nos)
Out-patients	375
Day Care Chemotherapy	771

7.17 Department of Emergency & Trauma Care**Background and salient features**

The department of emergency and trauma care is headed by Dr. Balu & his Team. The Department has been renovated with the state of the art facilities and operates 24X7

Particulars	2018-19(Nos)
No: of out-patients treated	8028

7.18 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 - no of patients

Particulars	2018-19 (Nos)
Chest X Rays – 70 mm	5493
Other X Rays (Ba meal, IVP, neuro-radiological investigations, angiograms, angiograms, myelograms)	3646
ECGs taken	4522

Endoscopy

Endoscopy procedures - 103

Ultrasound

Ultrasound investigations - 7346

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 Medi Scan Systems for their support in running the Department. The Revenue from the Department is given to VHS by MediScan.

Statistics - no of patients

Particulars	2018-19 (Nos)
Out-patients	675

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.

7.19 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	No: of cases
No: of Blood camps	241
ABO grouping and Rh typing	20,286
Rh antibody investigations	85
Cross matching tests done	16,932
No. of units of blood collected (all voluntary)	17,448
ELISA Test for HIV, HbsAG, VDRL screening test	18,135
No. of units of packed cells issued	
In-patients	775
Out-patients	16,590
FFP - platelet concentrate, cryoprecipitate and plasma issued	20,961
No. of units (packed red cells) transfused to thalassaemia children	3,754
No. of Units of whole Blood, Packed Red Cells, FFP and Cryoprecipitate given to Haemophilia patients	49

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 2018-19 amounted to Rs.64.34 lakh (2017-18 Rs.49.38 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

7.20 VHS Laboratory Services

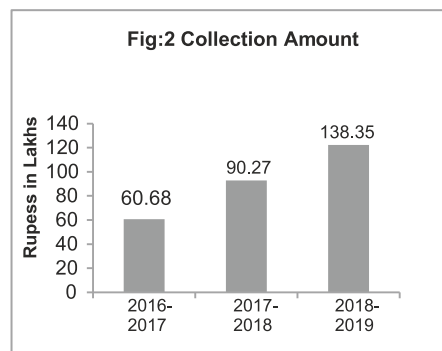
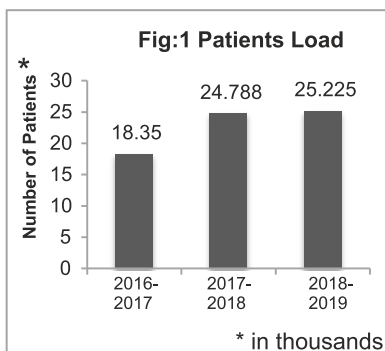
VHS laboratory services was started in May 2016 with an aim of conducting high quality state-of-the-art diagnostic laboratory at a reasonable and affordable cost (almost 30% below the market rates) thereby improving patient handling and management. The laboratory services both the in-patients and out-patients as well as the walk in patients from outside 24 hours a day seven days a week. The laboratory currently caters to about a 100 tests.

Achievements:

➤ During the year, VHS Laboratory Services has provided diagnostics services to 25,225 patients for whom 3,45,617 tests have been performed. The total collection was Rs. 138.35 Lakhs of which Rs. 9.84 Lakhs

was given as discount. The increase in the number of patients and the collection amount in the laboratory

compared to last two years are shown in Figs. 1 and 2.

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

A concert by
Ms. Sudha Balakrishnan was
held at The senior citizen center.
All the residents attended the
concert and appreciated the same.



The center received the license from The Social Welfare Directorate, Collectorate of Chennai, for the VHS - RCM Senior citizen centre.



INSTITUTE OF COMMUNITY HEALTH
Department of Community Health
The Voluntary Health Services

Introduction:

- ✂ VHS established CHARTERED as the projects wing (Community Health Alliance for Research, Training, Empowerment and Resource Development).
- ✂ CHARTERED is a project division of VHS aimed at: strengthening the response to public health issues, effectively managing VHS administered projects, mobilizing resources and improving program efficiencies.
- ✂ Manages a range of comprehensive and holistic community health programs.

Key highlights of the Project Management Unit (PMU):

- ✂ Dedicated Project Management Unit.
- ✂ Partnerships with over 159 NGOs/CBOs across India.
- ✂ Managed HIV/AIDS programs funded by USAID, BMGF, GFATM & World Bank for more than 25 years.
- ✂ Demonstrated experiences in Implementation, Technical Assistance, Research and Knowledge Transfer.
- ✂ Reached out 2 lakh key population and more than 25 lakhs vulnerable population on HIV/AIDS.
- ✂ PMU executed programs in 21 states in India, 12 sub-Saharan countries in Africa and 9 provinces in Sri Lanka.
- ✂ PMU contributed in developing and bringing out around 1000 key publications including IEC materials, training manuals, research reports, best practices, audio/videos, reports, etc.
- ✂ PMU established a repository on all publications for reference and dissemination.

Project Units in PMU: VHS PMU is currently managing the following projects and undertakes strategic efforts through awareness creation, capacity building, strengthening systems, piloting innovations, research, outreach, technical assistance, support to NGOs and strengthening systems, knowledge transfer, documentation, etc.:

TA to NACP IV
VHS-CDC Project

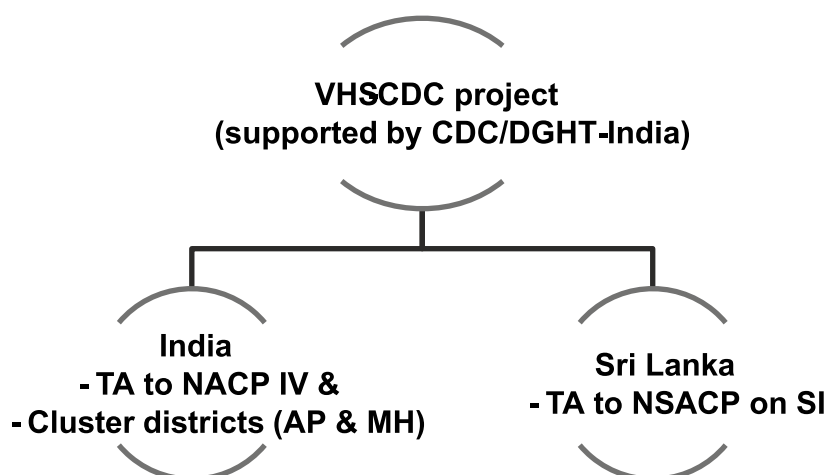
VHS-IDMC
Project

VHS-MSA
PROJECT DIVA

VHS-MAC
Institute of
Community Health

PROJECT WISE ACTIVITY REPORTS

1. VHS-CDC Project (supported by CDC/DGHT-India):



1.1. Technical Assistance to National AIDS Control Programme-Phase IV (TA to NACP-IV), India

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 programs. In line with the revised PEPFAR strategy, apart from the national level activities, the project is now pivoting its efforts in the six high HIV burden cluster districts in Andhra Pradesh (East Godavari, Guntur, Krishna) and Maharashtra (Mumbai, Pune, Thane).

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:

Key Highlights:

- ✎ Contributed for development of Risk Assessment Tool by organizing national workshop in partnership with NACO, MoHFW, GoI.
- ✎ Contributed for development of PLHIV-ART Linkage System (PALS) – a web-based information management tool and enhancing nationwide capacities of ICTC Counselors, ART Centre Data Managers, DAPCU team and SACS M&E Officers.
- ✎ Developed training manual on PALS, offline module and published.
- ✎ Published the Process Document on PALS with the foreword from Additional Secretary and Director General, NACO – covering the PALS experiences and disseminated with NACO and SACS.
- ✎ Developed and published Process Document on PPTCT outreach experiences.
- ✎ Developed training modules for Counsellors & ORWs and capacitated.
- ✎ Piloted innovations in the cluster districts of Andhra Pradesh and Maharashtra focusing on:
 - a) Risk Assessment Tool; b) Strengthening ICTC-ART center linkage in AP & MH; c) Index Based Testing; and d) Strategic Information support (PALS).
- ✎ Developed partnerships with NACO, MSACS, MDACS, APSACS and other stakeholders.

Risk Assessment workshop:NACO

MoHFW, GoI convened a workshop on 20th April 2018 at NACO, New Delhi to discuss the introduction of a Risk Assessment Tool at Stand Alone Integrated Counselling and Testing Centre (SA-ICTC), in collaboration with VHS, supported by CDC. As a part of this, VHS-CDC project extended support in providing technical support to NACO for the workshop. The meeting was



National Workshop on Risk Assessment Tool

chaired by Dr. K.S. Sachdeva, Deputy Director General (Basic Service Division, STI & Research), NACO. The meeting was attended by forty-seven (47) participants comprising officials from NACO, State AIDS Control Society (SACS), CDC, USAID, development partners, key stakeholders, civil society organizations and community representatives. A detailed report was developed by VHS-CDC project and shared with NACO and CDC.

Support for Implementation of PLHIV-ART Linkage System (PALS): PALS is a web-based information management tool developed and managed by VHS for capturing HIV positive client data, tracking clients and demonstrating linkage across the HIV detection to treatment continuum. As part of this activity, training manual on PALS has been developed and built capacity on PALS for ICTC Counselors, ART Centre Data Managers, DAPCU team and SACS M&E Officers in AP and MH cluster districts. Documentation of the training programs has been undertaken by the project and shared with NACO, SACS and CDC. In addition, an offline module has been developed for uploading legacy data and bringing the information system up-to-date. This was officially announced by Dr. Asha Hegde, NPO, NACO during EMTCT workshop held 24-27, October 2018, New Delhi.



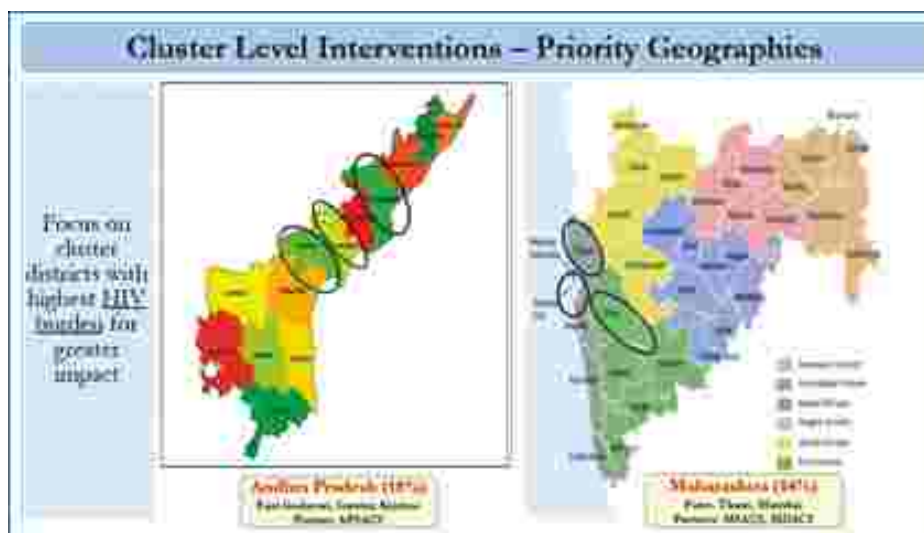
VHS-CDC team participation in the National Workshop on Elimination of Mother To Child Transmission (EMTCT) of HIV & Syphilis held from 24-26, Oct'18 at New Delhi

A comprehensive process documentation has been published capturing the design, development and implementation cycle of PALS, best practices, impact and lessons learned. Background notes have been developed for undertaking success stories and tool kit on PALS. Shri. Alok Saxena, Joint Secretary, NACO released the document during the National workshop on Community based HIV screening: progress, Challenges and way forward held at New Delhi on 18th Dec'18.



Release of Process Documentation on PALS

Activities at cluster level: VHS-CDC project is providing strategic technical assistance in piloting innovations in the cluster districts of Andhra Pradesh and Maharashtra for a) Risk Assessment Tool; b) Strengthening ICTC-ART center linkage in AP & MH; c) Index Based Testing; and d) Strategic Information support (PALS). As part of the above key areas the following activities were undertaken:



Capacity Building of Counsellors:

- ◆ A module “Training on Counselling Skills for Counsellors” has been developed for this purpose. Personnel working with MSACS have been trained using this module.
- ◆ Training programs on “Counselling Skills for Counsellors” were organized for ICTC Counsellors in collaboration with Maharashtra SACS with the aim of enhancing Counsellors' skills for effective counselling outcomes.
- ◆ An “Integrated Counselors Training” module has been developed for providing standardized, systematic and comprehensive training to participants. Counsellors from MDACS participated in the Integrated Counsellors Training.
- ◆ “Integrated Counsellors Training” has been conducted for Mumbai cluster district for ICTC, ART centre and STI clinic Counsellors in collaboration with Mumbai DACS.
- Process Documentation on PPTCT outreach program experiences: VHS-CDC project developed a process document on PPTCT outreach program experiences in Mumbai.
- Outreach: VHS-CDC Project supported the PPTCT program outreach through placement of the following personnel in Maharashtra (Mumbai, Pune & Thane) cluster. Subsequently, due to the revised PEPFAR strategic approach, the PPTCT project support was revised with enhanced focus on strengthening ICTC to ART linkages from January 2018.

Districts	No. of ORWs	No. of Project Coordinator	No. of Program Officer	No. of District Coordinator	No. of State Coordinator
Mumbai	31	6	1		
Pune	11			1	1
Thane	10			1	

1.1. Technical Assistance to National STD/AIDS Control Programme (TA to NSACP), 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 capacity building of SIM Unit, strengthening systems, documentation of best practices and dissemination, use of data for program strengthening, etc.

VHS-CDC project has facilitated signing of Letter of Intent between CDC-India and Ministry of Health, Nutrition and Indigenous Medicine, Govt. of Sri Lanka for VHS-CDC to provide TA on SI. In accordance with VHS-CDC project is in the process of providing TA and undertaken the following key highlights:

Key Highlights:



- ✎ Undertaken Training Need Assessment and developed training plan for Strategic Information.
- ✎ Documented best practices on Strategic Information.
- ✎ Developed, published and disseminated the following products:
 - ◆ Situation Assessment of SIMS & Strategies and Approaches of TA to SI under NSACP
 - ◆ Comprehensive Dashboard Indicators on HIV/AIDS
 - ◆ Training Needs Assessment and Training Plan for SI team
 - ◆ Documentation of Best Practices in SI under NSACP – Best Practices, Book of Abstracts and Best Practices Series.
- ✎ NSACP delegation held discussions with Hon'y Secretary, VHS and shared experiences.
- ✎ Facilitated exposure visit for NSACP officials for observing best practices in India.
- ✎ Supported for participation in the International conference on CART.
- ✎ Conducted national level scientific sessions on best practices on M&E and disseminated best practices.
- ✎ Documented the Regional Best Practices in Strategic Information on HIV/AIDS in South East Asia Region in the context of Sri Lanka and disseminated.
- ✎ Organized three (03) national level consultation meets in partnership with NSACP, Govt. of Sri Lanka.
- ✎ Developed training resource materials and conducted National Capacity Building Workshop on Operational Research in HIV/AIDS and capacitated 30 senior officials covering entire country of Sri Lanka.

- Facilitated knowledge transfer and technical update visit for SIMU team to VHS and ART centre. Also, sponsored for participation in the Chennai ART Symposium (CART 2018) on 28-29, Apr'18.
- Undertaken Training Need Assessment and brought out a technical report on “Accelerating Strategic Information Management Capacity (ASIMaC), Training Needs Assessment and Training Plan for Strategic Information at NSACP.
- Documented seven “Best Practices on Strategic Information” including existing and emerging best practices for dissemination at national and international level. VHS-CDC project in partnership with NSACP brought out book on best practices, abstract book on best practices and seven best practices series books. The same is being used for dissemination by NSACP through various platforms.
- VHS-CDC project is in the process of providing TA for enhancing the capacity to utilize electronic information systems and websites: Identify and implement software which allows use of dashboard indicators, animated analytic graphs, infographics, and other data summary tools on NSACP website. In this regard, VHS-CDC project provided strategic TA in undertaking secondary review, national workshop on developing comprehensive dashboard indicators, development of Technical Report on Comprehensive Dashboard Indicators on HIV/AIDS, development of ToR for engaging a software agency for developing dashboard, etc. As a follow-up of this, VHS-CDC project is in the process of developing dashboard by engaging software agency.
- Organized national level workshop on evolving plans for enhancing the website during Aug'18.
- Organized national consultation meeting on Training Need Assessment on 5th Sep'18.
- Organized national consultation workshop cum meeting on best practices in Sep'18.
- Conducted national level scientific sessions on best practices on M&E – in the 23rd Annual Scientific Sessions of Sri Lanka College of Sexual Health and HIV Medicine - 2018 (SLCOSH) from 4-6, October 2018, jointly organized by NSACP, Govt. of Sri Lanka and VHS-CDC project. In this scientific session, VHS-CDC project has disseminated seven best practices both through oral and e-poster presentations including focusing on best practices on SI and Regional Best Practices in Strategic Information on HIV/AIDS in South East Asia Region in the context of Sri Lanka.
- Facilitated and organized CDC delegation visit to NSACP, Govt. of Sri Lanka for observing and understanding the VHS-CDC's strategic technical assistance and results. As a part of this visit, the delegation had interactions with Director-NSACP, SIMU team, senior officials at NSACP and other key stakeholders.
- Conducted “National Capacity Building Workshop on Operational Research in HIV/AIDS” from 28-30, March 2019 at Sri Lanka in partnership with NSACP, Govt. of Sri Lanka and capacitated 30 participants and contributed for development of six proposals on operational researches. This training enabled the participants in gaining practical knowledge and skills in planning and undertaking operational researches for strengthening the programs. Formed e-group among the participants and facilitating experience sharing, technical update and mentoring process.



VHS-CDC project is proposed to provide TA on: conducting training on Scientific Writing, training on Data Management, Training on DHIS2, development of dashboard by engaging a software agency, undertaking process documentation and dissemination of the learnings, etc. VHS-CDC project has developed strong partnership with NSACP, SIMU team, Ministry of Health-Govt. of Sri Lanka and other key stakeholders associated with for successful execution of the technical cooperation initiatives.

Photo glimpse of TA to NSACP, Sri Lanka activities:



Knowledge transfer and technical update visit for SIMU team to VHS



CDC delegates visit to SIMU-NSACP, Sri Lanka



National Workshop on developing dashboard indicators and evolving plans for enhancing website



Symposium on Strategic Information of NSACP and facilitated dissemination of best practices in the 23rd Annual Scientific Session of Sri Lanka College of Sexual Health and HIV Medicine (SLCoSHH)

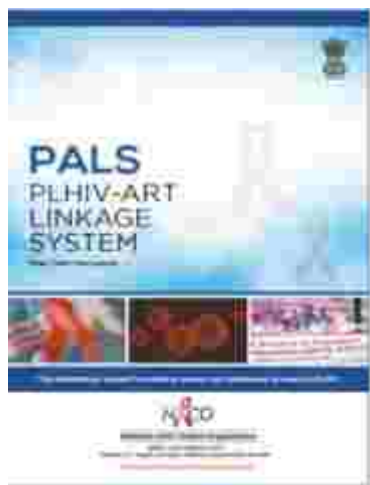
officials visit and coordination with CDC/DGHT-INDIA: As a part of monitoring, the CDC officials: Dr. Ryan D. McGee, Deputy Country Director, Mr. Lokesh Upadhyaya, Associate Director for Management and Operations, Ms. Srilatha Sivalenka, Public Health Specialist, and the team has undertaken visits to 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.

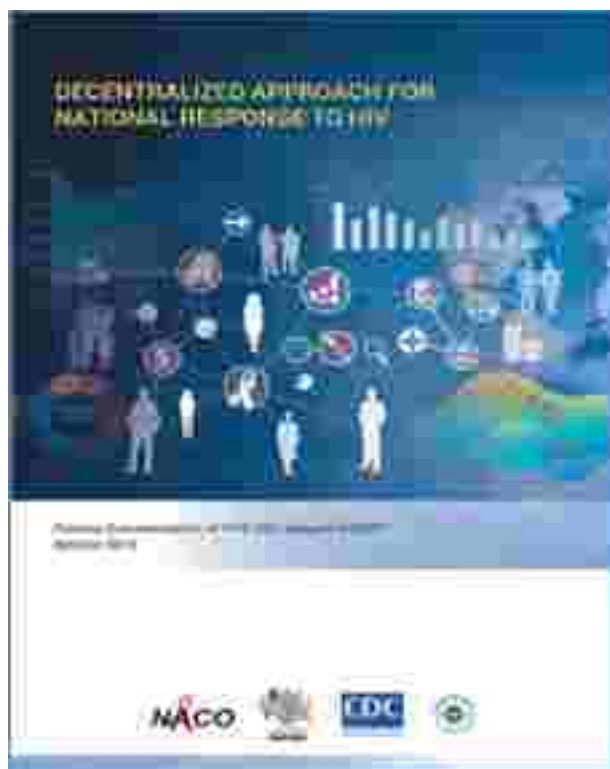
Dr. Joseph D Williams, Director Projects, conducts systematic staff meetings, monthly review meetings, experience sharing meetings, cross learning between the projects and provides strategic guidance.

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

Products developed as a part of TA to NACP – India program:



1. Process documentation on PPTCT outreach experiences
2. Process documentation on DNRT program
3. Process documentation on PALS
4. Training module for Integrated Counsellors training (Phase II)
5. Training manual for Outreach Workers
6. Participants and Facilitators manual for counseling skills for counselors
7. Report on the training on counseling skills for counselors in MH
8. Report on the Integrated training for Counsellors in Mumbai (Phase I)
9. Report on the training on PALS in AP & MH
10. Report on the Risk Assessment Workshop held at NACO



Products developed as a part of TA to NSACP– Sri Lanka program:

1. Situation Assessment of SIMS & Strategies and Approaches of TA to SI under NSACP
2. Comprehensive Dashboard Indicators on HIV/AIDS
3. Training Needs Assessment and Training Plan for SI team
4. Documentation of Best Practices in Strategic Information under NSACP– Best Practices Book
 - a. Book of Abstracts on Best Practices
 - b. Best Practices Series (7 best practices)
5. Report on National Capacity Building on Operational Research in HIV/AIDS



S-Infectious Diseases Medical Centre(VHS-IDMC) (formerly VHS-YRGCARE Medical Centre) in The Voluntary Health Services provides medical care for persons with HIV disease, Tuberculosis, Viral Hepatitis and other Infectious diseases. The centre has registered more than 20,000 persons with HIV for medical care since 1996. The centre provides: Medical Care, Psychosocial Counseling to persons with HIV disease, Nutritional counseling, Couple counseling, Family counseling and Medication adherence counseling with subsidized Antiretroviral medications.

The centre has Outpatient, Inpatient, acute care and diagnostic facilities for persons with HIV, Tuberculosis, Viral Hepatitis and other Infectious diseases. This centre is a unique one in Asia.

Some of the key highlights of the activities undertaken by the VHS-IDMC will include:

Key Highlights:

- ✎ The centre has registered more than 20,000 persons with HIV and providing Medical Care since 1996.
- ✎ During the year, 2562 patients have attended the outpatient clinic and 275 patients had received inpatient care.
- ✎ CARTCRS located at VHS conducts several clinical, epidemiological, psychosocial and biomedical research studies in collaboration with various institutes.
- ✎ Ten (10) clinical research studies are currently ongoing at the CARTCRS in VHS-IDMC.
- ✎ CARTCRS contributed to more than 375 original scientific manuscripts and published in peer reviewed reputed medical journals.
- ✎ This centre is a unique one in Asia.

Services at VHS-IDMC:

- The centre provides: Medical care, psychosocial counseling to persons with HIV disease, Nutritional counseling, Couple counseling, Family counseling and Medication adherence counseling with subsidized Antiretroviral medications.
- The centre has Outpatient, Inpatient, acute care and diagnostic facilities for persons with HIV, Tuberculosis, Viral Hepatitis and other Infectious diseases.

No. of patients served by VHS-IDMC:

No. of HIV persons registered	20,000
Patients attended for the period from 16th Jan to 31st March 2019	
No. of patients attended outpatient clinic	2562
No. of patients received inpatient care	275

CART CRS: Chennai Antiviral Research and Treatment Clinical Research Site (CART CRS) located at VHS-IDMC in VHS conducts several clinical, epidemiological, psychosocial and biomedical research studies.

Collaborative Institutions with CART CRS:

National Institutes of Health-USA;	University of California-San Diego;
Brown University, Providence, RI;	Harvard University, Boston; Stanford University, CA;
University of California-San Francisco; CA;	Johns Hopkins University, MD;
University of Melbourne;	University of New South Wales, Sydney;
Karolinska Institute, Sweden;	National Institute for Research in
Tuberculosis/ICMR;	
National AIDS Research Institute/ICMR;	Sankara Nethralaya Eye Hospital, Chennai;
American Foundation for AIDS Research (amFar)/ TREAT Asia;	
Ragas Dental College, Chennai and University of Madras.	

CART CRS is one of the clinical research site of US National Institutes of Health for conducting HIV, TB, Hepatitis Therapeutics Clinical Trials of ACTG/ US NIH, HIV Prevention Trials of HPTN/US NIH and START study of INSIGHT Network of NIH.



Ongoing Clinical Research Studies: The following clinical research studies are currently ongoing at the CART Clinical research Site in VHS-IDMC:

Study 1: Randomized Trial to Prevent Vascular Events in HIV – REPRIEVE (A5332)

Site Principal Investigator: Dr.N.Kumarasamy

Funding: NIH/National Heart, Lung, and Blood Institute, National Institute of Allergy and Infectious Diseases (NIAID)

Study 2: Multicenter, non-randomized, non-controlled, open-label Phase IV trial to evaluate the safety, tolerability and Effectiveness of Dolutegravir 50 mg tablet of Emcure Pharmaceuticals along with other antiretrovirals among HIV-1 Infected participants', NARI/01-2017

Site Principal Investigator: Dr.N.Kumarasamy

Funding: Emcure Pharmaceuticals Ltd

Study 3: Open-Label Study with Rilpivirine in Treatment-naïve Indian Subjects With HIV-1 Infection to Determine Safety and Efficacy. RISE, Protocol TMC278HTX3001; Phase 3b

Principal Investigator: Dr.N.Kumarasamy

Funding: Johnson & Johnson Private Ltd

Study 4: START-INSIGHT PROTOCOL-Strategic Timing of Antiretroviral Treatment

Site Principal Investigator: Dr.N.Kumarasamy

Funding: INSIGHT/NIAID/NIH

Study 5: TAHOD -The Treat Asia HIV Observational Database

Site Principal Investigator: Dr.N.Kumarasamy

Funding: Treat Asia/amFar/IeDEA/NIH

Study 6: TAPHOD- The Treat Asia Pediatric HIV Observational Database

Site Principal Investigator: Dr.N.Kumarasamy

Funding: Treat Asia/amFar/NIH

Study 7: Optimizing HIV Care in Less Developed Countries

Site Principal Investigator: Dr.N.Kumarasamy

Collaborators: Dr.Kenneth Freedberg, Dr.Rochelle Walensky, Dr.Kennth Mayer-Harvard University

Funding: Harvard University-CEPAC/MGH/NIH

Study 8: A phase IIIB/IV randomised open-label trial to compare dolutegravir + pharmaco-enhanced darunavir versus recommended standard of care antiretroviral regimens in patients with HIV infection who have failed recommended first line therapy, D2EFT: Dolutegravir and Darunavir Evaluation in adults Failing Therapy



Site Principal Investigators: Dr. Poongulali.S and Dr.N.Kumarasamy

Funding: UNITAID/University of New South Wales, The Kirby Institute, Australia

Study 9: Understanding tobacco use and cessation among HIV-care individuals in India

Principal Investigators: Dr.N.Kumarasamy ,Dr. Gina Kruse and Dr. Poongulali.S

Funding: NIH/NIAID-Harvard University Center for AIDS Research

Study 10: Towards a Functional cure for HBV: exploiting lessons from HIV-HBV co-infection-The COMMIT Cohort study

Site Principal Investigator: Dr.N.Kumarasamy

Funding: The National Health and Medical Research Council (NHMRC), Australia.

Contributions and Outcomes:

- CART CRS has contributed to more than 375 original scientific manuscripts and published in peer reviewed reputed medical journals.
- The outcome of the research studies conducted at the CART CRS has assisted to develop Treatment Guidelines for World Health Organization, National Treatment & Monitoring Guidelines and for resource limited settings.

The centre also provides training program for physicians, nurses and other healthcare workers in Infection control and in the management of HIV disease.

A full list of published research work is available here:

<http://www.ncbi.nlm.nih.gov/pubmed/?term=Kumarasamy+n+OR+Nagalingeswaran+K>

3. VHS Institute of Community Health:

The regular activities of Institute of Community Health VHS are:

- Outreach
- Training
- Research

Some of the key highlights of the activities undertaken by the dept of community health includes:

Key Highlights:

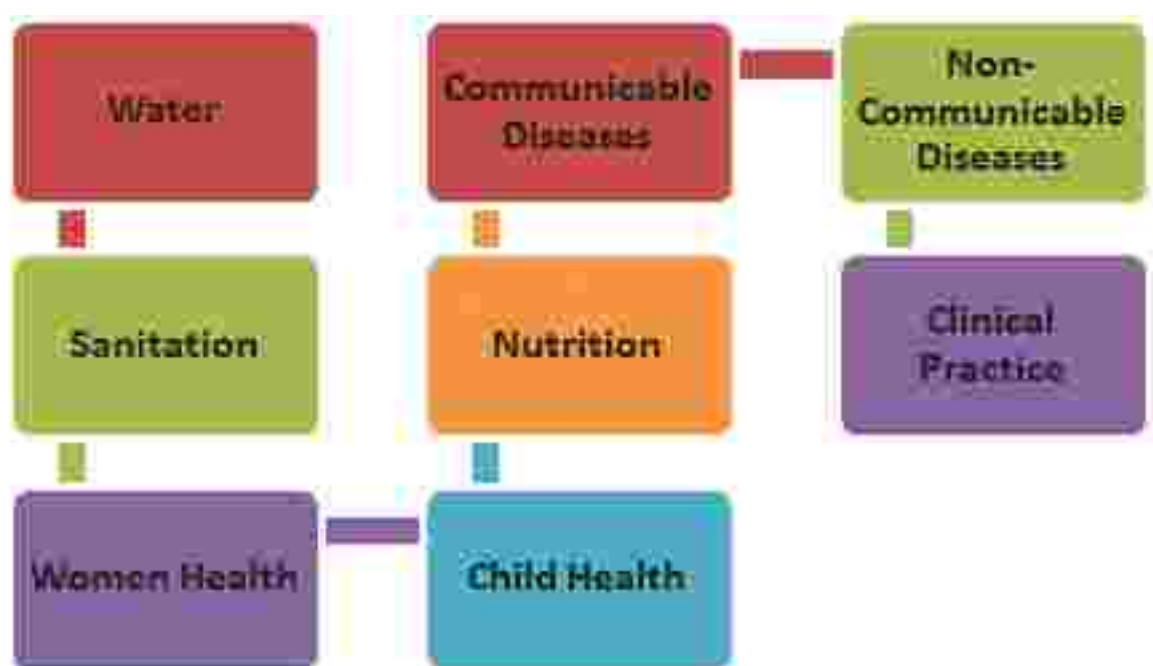
- ✂ VHS conducting outreach work through 10 Mini Health Centres.
- ✂ Mini Health Center offers services on 8 core activities.
- ✂ Overall provided services to the population of more than 50,000.
- ✂ Contributed for achieving immunization of 100% of children.
- ✂ Field level activities by the MHC: services for ANC mothers, promoting sanitary toilets, conducting field level clinics, house visits, nutrition demonstration, school health visits, etc.
- ✂ Providing health education, awareness and support in conducting camps/ medical camps.
- ✂ Conducting training programs by model health cum training centres (90 batches, 414 students).

Regular activities: The regular activities of Institute of Community Health/ Voluntary health services are:



Outreach activities: Outreach Work are being undertaken through 10 Mini Health Centres which are located in southern periphery of Chennai city. The centres collectively covers a population of nearly one lakh.

The services offered under the eight core activities such as:



Mini Health Centres undertakes other activities such as Nutrition Demonstration, Group health Education, Provision of Weaning Mix and School health visit.

Key achievements of 10 MHCs:

	2018-19	2017-18
1.1. Demographic Details		
Total no. of families	13663	13784
Population	56325	56522
Male	28159	28178
Female	28286	28344
Eligible Couples	9476	9673
Family planning adopters	67%	
0-4 Children	3228	3194



	2018-19	2017-18
1.2. Clinical Details		
Total no. of patient treated in MHC	29422	32381
Total no. of patient referred to VHS	183	
1.3. Field Activities		
No. of Children Immunized	100%	100%
No. of Antenatal mothers received Inj.TT	98%	100%
No. of Antenatal registered	1021	1011
No. of Malnourished children become normal	217	2484
No. of Sanitary toilet constructed	568	117
No. Of. Field clinic conducted	50	94
No. of. House visit	12548	13762
No. of Nutrition demonstration and group discussion conducted	129	125
No. of person participated	2324	2086
1.4 School health visit		
No. of school health visit conducted	52	110

Field work activities: The Multipurpose health workers undertakes daily home visit as per the Fixed Tour Programme (FTP) in order to cover the entire population for every two months under each of the Mini Health Centre.

This preventive and promotive services is backed up by part time Medical Officers along with Multipurpose health workers. Cases requiring specialize care referred to Voluntary Health Services, Adyar.

Training programs: Training programs are being undertaken at the Model Health cum Training Centre at Thuraipakkam. Formal and Non-formal training on Community Health is provided. Formal training is being provided to Diploma National Board(Family Medicine), MD Community Medicine, CRRI, M.Sc., Nursing, B.Sc., Nursing, Diploma in Nursing, Post Basic B.Sc., Nursing and other Paramedical.

Non-Formal training is being provided on need-based which will include: in-house training as well as catering to request from other organization.

No. of training programs / batches conducted	90	84
Total no. of students trained	414	333

Other activities: MAC-ICH has conducted Non-communicable diseases camp especially Diabetes mellitus and Hypertension in five different centres such as: thuraipakkam, neelangarai, sithalapakkam, kandanchavadi and kanathur.

Services provided are: vital signs check-up, foot examination, dietary advice, blood sugar test and doctor consultation.

And also conducted one free medical camp in kanathur centre on behalf of Ex. Chief Minister J. Jeyalalitha birthday celebration. Other than that, every month first Friday sathya sai medical camp going on sirudavur centre joined with VHS eye department.

Monitoring and review meetings: Introduced systems for conducting weekly meetings at MHC level and conducting bi-monthly and monthly meetings at MAC-ICH level.

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 translational 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.

Highlights

- Scientific Advisory Committee (SAC) has reviewed 12 new projects and the Institutional Ethics Committee has reviewed 22 projects this year.
- Department of Clinical Research has a collaboration with Sankara Nethralaya Academy for B.Sc. MLT II and III years internship training in Biochemistry, Haematology, Clinical Pathology, Microbiology, Serology and Blood Collection.
- Department of Clinical Research has provided internship training to Bachelors and Masters students of Microbiology, Biochemistry and Biotechnology from various colleges in Chennai. In the past year we have trained 28 students.
- Two B. Tech Biotechnology students have completed their thesis dissertation as part of their curriculum in the Department of Clinical Research

Completed Projects:

- Evaluation of antibacterial, antiviral and immunomodulatory properties of plant extracts traditionally used in Siddha medicine to treat lower respiratory tract infections (LRTI).
- Role of inflammatory mediators in the clinical outcome of viral warts – a pilot study.
- Multi-drug resistance (MDR) among clinical isolates in a multi-speciality hospital - a retrospective study.

Ongoing projects:

- Role of inflammasomes in Multi-Drug Resistant (MDR) bacterial infections.
- Role of endothelial glycocalyx damage and its associated cellular markers in infections and inflammatory conditions.

Oral Presentations:

- Kannian P, Punithavalli B, Mathivathani T, Mahanathi P, Vaishnavi M, Ashwini V, Klebsiella and Acinetobacter: The predominant Multi-drug resistant (MDR) Gram negative bacterial isolates in a tertiary care centre. World Congress on Infectious Diseases and Antibiotics, 2018.

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

PUBLICATIONS

Krishnan, Shyam & Nigam, Pulak & Mohanty, Poonam & Chakravarthy Vasudevan, Madabhushi & Kameswaran, Mohan. (2018). Surgical anatomy of lateral recess in paediatric auditory brainstem implant patients and its clinical correlates including grades of flocculus. Child's Nervous System. 34. 10.1007/s00381-018-3829-3.

Krishnan, Shyam & Nigam, Pulak & Manuel, Adarsh & Vasudevan, Madabhushi Chakravarthy. (2018). Modified high cervical approach for C3-4 anterior pathology in difficult neck patients. Journal of Craniovertebral Junction and Spine. 9. 182. 10.4103/jcvjs.JCVJS_75_18.

Krishnan, Shyam & Nigam, Pulak & Sudhakar Sathish Anand, Veeraraghavalu & Vasudevan Madabhushi, Chakravarthy. (2018). Case series of trigonal meningiomas. Neurologia i Neurochirurgia Polska. 52. 10.1016/j.pjnns.2018.08.005.

Krishnan, Shyam & Manuel, Adarsh & Vasudevan, Madabhushi Chakravarthy. (2019). Delayed Pneumoventricle Following Endonasal Cerebrospinal Fluid Rhinorrhea Repair with The copertoneal Shunt. Asian Journal of Neurosurgery. 14. 325. 10.4103/ajns.AJNS_224_18.



Krishnan, Shyam & Nigam, Pulak & Manuel, Adarsh & Chakravarthy Vasudevan, Madabushi.(2019). Bone Sandwich Closure Technique for Posterior Fossa Craniectomy. Journal of Neurological Surgery Part B: Skull Base. 10.1055/s-0039-1678602.

Sridhar, K & C Vasudevan, M & Krishnan, Shyam & Pande, Anil & Kumar Jain, Pradeep. (2019). Forty years of clinical excellence at the Dr A Lakshmipathi Neurosurgical Centre and Post-Graduate Institute of Neurological Surgery, Voluntary Health Services (VHS) Hospital. Neurology India. 67. 516-529. 10.4103/0028-3886.257984.

8.3 Department of Psychiatry

1. Is Hinduism Ambivalent about Suicide? (Ongoing research)

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 Ministry of Health, Govt. of India. Afterwards it was taken over by Central Council for Research in Indian Medicine and Homeopathy on 1st August 1971. This unit was upgraded as Research Centre in June 1985. Currently, the centre is housed in Second floor of VHS Medical Centre Campus, Taramani, Chennai. The mandate of the institute is Clinical Research on life-style related and non-communicable diseases. The brief summary of the Annual Report for the year 2018-19 is as follows.

1. **Out Patient Department:** During the reporting period a total number of 3479 patients were treated, out of which 1153 were male, 2326 were female. In **Geriatric OPD** a total number of 470 patients benefited by taking treatment. Out of this, 87 were male and 383 were female patients. In **'Flu like illness'** speciality OPD a total number of 127 patients were treated in which 54 were males and 73 were females.

2. Clinical Research Projects:

i. IMR Clinical trial entitled **'Clinical evaluation of Sukumara Ghritam and Brahmi Churnam in the management of Menopausal Syndrome'** has been completed in which total number of 55 patients were screened, 50 participants were enrolled out of which, 44 patients have completed the study and 6 participants were drop outs.

ii. Project on **Retrospective Pharmacoepidemiological studies on safety and efficacy of Ayurvedic formulations** was initiated on 26.4.18. So far completed compiling OPD data of 2012-13, 2013-14 and 2015-16. Data entry for the year 2016-17 is continuing.

iii. A new clinical project entitled **'Clinical evaluation of efficacy of Saubhagya Shunti Paka and Dasamularishta in Sutika Paricharya (Post Natal Care)'** was sanctioned. IEC approval was obtained and the project will be initiated soon.

3. Outreach Activities:

i) **Tribal Health Care Research Project (THCRP):** Under this project, 45 tribal villages were covered with a population of 7127. Treatment was provided to 2317 patients, investigations were carried out for 600 patients. 8 Folklore claims were documented.

ii) **Ayurveda Mobile Health Care Programme under Schedule Castes Sub Plan (SCSP):** Under this project 7 areas/villages were covered in 240 tours. Total population of 10557 was covered. Treatment was provided to 5269 patients and blood investigations were carried out to 2998 patients. 5 folklore claims were documented.

iii) **Swasthya Rakshan Programme (SRP):** Under this project 5 urban colonies in Chennai were covered in 240 tours. Health survey has been conducted. Treatment was provided to 5094 patients and Blood investigations for 1420 patients (**HB % – 429 & RBS – 991**) were carried out. Health Awareness Programmes have been conducted on Health hygiene and explained available use of home remedies and medicinal plants. Conducted health survey in 18 Schools. IEC material on different diseases has been distributed during medical camps.

iv) **Reproductive and Child Health programme under SCSP:** The study was initiated on 24.1.2019. Under this project, 5 villages were covered in 46 tours. A total population of 951 were covered and treatment was provided for 368 patients. Lab investigations were done for 131 patients. Total 12 Antenatal care visits were done and 7 awareness activities were carried out.



4. Other Activities:

The center had Participated in Aahar –The Food & Hospitality International Fair 2018 organised by India Trade Promotion Organisation, Govt of India and Tamilnadu Trade Promotion Organisation from Aug 23rd to 25th 2018. PoshanMaah was observed during the month of September 2018. Various competitions and activities were conducted during Hindi Pakhwada from 14th-28th Sep 2018. Cleaning activities were performed as part of Swachhtapakhwada from 16th-30th Oct 2018. Ayurveda Day was observed with 50 days campaign from 16th Sep-5th Nov 2018 by focusing on the theme 'Public health & Ayurveda'. Awareness classes, distribution of medicinal plants, 'Run for Ayurveda' etc were organized as part of this. Vigilance awareness week was observed from 29th Oct-3rd Nov 2018. Hindi Karyasala was conducted at institute on 23rd March 2019. During the reporting period 5 research papers were published in various National and International journals and the Officers have participated in 17 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 2018-19:

Department of General Surgery

Dr.Revuri Dharanikumar

Determination of the Concordance rate between core needle biopsy & post-operative Histopathology of the Resected surgical specimen for accurate evaluation of Hormonal & Prognostic Receptor status in breast carcinoma.

Dr.S.Deerush Kannan

To study the correlation of BISAP (Beside Index of severity in acute pancreatitis) score in prediction of prognosis & outcome in acute pancreatitis.

Dr.Kakanuru Venkata Amarnath Reddy

Comparison of Post operative outcomes of malropore and Micropore mesh in inguinal hernia repair done by Lichten Stein Technique.

Department of Obstetrics & Gynaecology

Dr.Kande Sravanthi	Thyroid functional aberration in abnormal uterine bleeding & Infertility.
Dr.Neethu	Comparative efficacy of GCT Vs GTT as a screening tool for GDM
Dr.Karthika Sankar	Prediction of foetal distress by cardiotocography Vs Intermittent Auscultation.

Department of Neurosurgery

Dr.Poonam Mohanthy	Auditory brain stem implant & factors affecting its outcome in patients with congenital deafness
Dr.Mangalkumar G Rachattee	Clinical & Radiology sequelae in post decompressive craniotomy patients.
Dr.Gaddam Sai Harish	A Prospective study on the safety of tranexamic acid in treatment of residual chronic subdural hematoma following burr hole evacuation.

9.2 Community Health

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

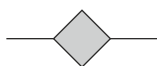
Formal training covers students under DNB (Family Medicine), MD (Community Medicine), Compulsory Rotatory Resident Internship (CRRI), M.Sc. (Nursing), and B.Sc. (Nursing) courses, and other para-medicals.

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

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





- 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 MRCPC 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, 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 and for M. Sc (N) is 13 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.

Major Activities of the College and School of Nursing

Awarding ceremony & Lamp lighting for B.Sc (N) and DGNM students was conducted on 21.12.2018. Dr. S. Kannan, M.S., (Gen) Director & Superintendent Government Royapettah Hospital Chennai was the Chief Guest.

MAC UTSAV 2019 - Hostel Day celebration was organized on 30.01.2019. The students participated in various competitions and won prizes. Oxford house won the overall Championship and Ms. Mercy Jesintha, B.Sc (N) IV year of Oxford House won the Individual Championship.

XXIV Annual Sports Meet was organized in the college premises on 28.02.2019. Dr.A.C. Muthiah, Managing Trustee & Senthamizh Thilagam Dr. (smt). Devaki Muthiah, Trustee, MAC (Educational) Foundation presided and R. Kanagaraj, M.A. M. Phil., Deputy Inspector General of Prisons (Head Quarters) was the chief guest and declared the sports meet open. Prizes were distributed to the students and the overall championship was won by Cambridge House and the Individual championship was won by K.Subbalakshmi B.Sc(N) II year student. Students performed drill, yoga, Pyramid and Fancy dress competition. The NSS unit of the college had its 19th special camp at Karanaipuducherry, Kanchipuram District from 04.01.2019 to 10.01.2019. NSS Volunteers actively participated in the camp and planted tree saplings, conducted awareness programmes, organized medical camp partnering with SRM hospital and also gained family living experience with the community people. A blood donation camp was organized in the community area.

Continuing Nursing Education Programme

A State level workshop was organized on the topic "Neuro Trauma: Emerging Concepts & Nursing Challenges" on 05.07.2018. The Tamil Nadu Nurses and Midwives Council has awarded 8 credit hours for the workshop.

A State Level Workshop on Midwife Led Care-Evidence to Action was conducted on 04.08.2018, sponsored by the Tamil Nadu Nurses & Midwives Council with 8 credit hours.

The State Level one week workshop on Problem Based Learning in Clinical Nursing Education: Integrating Theory and Practice was organized from 24.09.2018 to 30.09.2018. This was sponsored by the Govt. of India through Tamil Nadu Nurses and Midwives Council Dr. S. Anigrace Kalaimathi, Registrar, Tamil Nadu Nurses & Midwives Council was the chief guest for the inauguration and handled the first session on “Problem Based Learning- -A current model of education”.

Other Activities

Commemorating Road Safety Awareness week, an awareness was created for the students by Mr. Yuvaraj, Regional Transport officer, Chennai South, Mr. Sundar Rajan, Inspector, RTO – Thrivanmiyur and his team on 25.04.2018.

International Midwives' Day was observed on 05.05.2018. A video presentation on “Newer technologies in Midwifery”, a lecture on “Preparing Healthy Women for Motherhood” and a quiz competition was conducted for the students.

On 21.06.2018, International Yoga Day was observed and the students have performed various yogasanas and breathing exercises (Pranayama). The participants took a pledge to make yoga an integral part of daily life”.

First Aid Training Programme was organized for the I year B.Sc(N) & DGNM students on 22.06.2018 and 23.06.2018, in collaboration with St. John Ambulance (First aid Training Centre).

Commemorating the “World Breast Feeding week” (1.8.2018 to 7.8.2018), Mothers' Forum was organized on 01.08.2018 at Abimanyu Block, VHS. An awareness programme was organized for the antenatal and post natal mothers at Anganwadi Centre, Corporation Primary School, Taramani, on 07.08.18 by the NSS unit.

The NSS unit of the college participated in the Gandhiji's 150th birthday celebration on 2nd October 2018 organized by Thakkar Baba Vidyalaya.

To commemorate Ayurveda day celebration, the NSS volunteers participated in a Marathan walk on 01.11.2018 at Elliots beach organized in collaboration with Dr. A. Lakshmipathi Research Centre for Ayurvedha, VHS.

A pledge was taken on 01.11.2018 commemorating Vigilance awareness day in collaboration with Indian Overseas Bank, VHS Branch. Prizes were distributed for the winners of slogan and essay competitions by Mrs. Gayathri, Senior Bank Manager.

Commemorating National Newborn week (15.11.2018- 21.11.2018) an awareness programme for mothers on breast feeding and newborn care was organized at VHS in collaboration with VHS Paediatric department on 21.11.2018.

Commemorating World AIDS Day, an awareness programme was organized by Red Ribbon Club of the college on 30.11.2018. Mr. Selvam Rathnasamy, District Program Manager, TANSACS Chennai, Mrs. Jaya Bharathy ICTC Counsellor addressed the students. An interactive session with Mrs. Chandrakala, Secretary, Network Chennai Positive was conducted.

Commemorating Womens'Day celebration, a Guest Lecture was organized on 07.03.2019 on the theme “Womens' Law” by Mrs. Santhakumari, Advocate. A session on “Prevention of Tuberculosis” was taken by Dr. K. V. Rajeswari, Medical Officer from VHS.

Laurels won by the student

Students have participated in the “SRIHER(D.U) 2K19 4th Inter – Para Medical Invitation Tournament 2019” organized by Sri Ramachandra Institute of Higher Education and research (D.U). Ms. Subbulakshmi. K, Ms. Subasri. A, Ms. Santhiya. T and Ms. Aarthi. A won the second prize in Relay and Ms. Subbulakshmi. K won the third prize in Discus throw and were given Medals, certificates and cash award.

11. 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 Cardiotocograph	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 2018 TO 31 MARCH 2019

NAME OF THE DONOR	AMOUNT
M/s. Brakes India Pvt Ltd	2500000
M/s. Financial Software And Systems Pvt Ltd	2500000
Ms. Gita Adisheshan	2500000
M/s. Kasturi & Sons Ltd	2500000
M/s. Sundaram Finance Limited	2500000
M/s. TVS Motor Company Ltd	2500000
M/s. The Sathya Narayana Charitable Trust	2000000
M/s. IM Gears Pvt Ltd	1800000
M/s. Sundaram BNP Paribas Home Finance Ltd.,	1500000
M/s. TAG Corporation Pvt Ltd	1500000
M/s. Turbo Energy Pvt Ltd	1500000
M/s. Rotary Club Of Madras Metro Charitable Trust	1229000
M/s. Vellayan Chettiar Trust	1050000
Mr. G.Adhishesann	1000000
Mr. R.Jagannath Sudarsanam	1000000
Mr. R.Rajagopal	1000000
M/s. Royal Sundaram General Insurance Co Ltd	1000000
M/s. Scientific Publishing Services P Ltd	1000000
M/s. TVS Arogya Welfare Trust	1000000
M/s. Wheels India Pvt. Ltd.,	1000000
Ms. Shanthi Rajagopal	800000
M/s. Neurosurgical Charitable Trust	783854
Ms. N.Parvatham	760000
Ms. Menaka Parthasarathy	750000
M/s. THG Publishing Pvt Ltd	540000
M/s. Aravind Laboratories	500000
Mr. M.S.Parthasarathy	500000
M/S. The KSN Foundation	500000
M/s. Miramed Ajuba Solutions Pvt Ltd	500000
Ms. Madhumitha Balaji	500000
M/s. Metallizers Pvt Ltd	350000
M/s. CEC Flavours And Fragnance Pvt Ltd	348000
Mr. Prakash Arunachalam	300000
C/O	39710854



B/O	39710854
M/s. Britacel Silicones Limited	250000
M/s. Shirram Capital Limited	250000
Ms. Kanti Padmanabhan	200000
Mr. P V. Rajaraman	200000
Mr. C. Gowthama Krishnan Of G.K.Jewellery	150000
Smt. Vidya Nagarajan	100001
Dr. V.Bhanumathy	100000
M/s. DRBCC Charities	100000
Ms. G.Rukmani	100000
M/s. GRT Jewellers India P Ltd	100000
Mr. Kaleesuwar	100000
M/s. Moongibai Charitable Trust	100000
Ms. Meenakshi Viswanathan,N.Venkataraman	100000
Ms. Neela Gopalakrishnan	100000
Mr. R.Seshadri	100000
Mr. S.Ravi Shankar	100000
Sri. S.Subramaniam	100000
Sri.Sanjivi Sundar	100000
Mr. T.R.Kuppuswamy	100000
Ms. T.R.Suseela	100000
Mr. N.Natarajan	85000
M/s. Sree Saravanan Constructions	76000
Executor Estate Of A.N.Rajalakshmi	66000
M/s. Vasta Biotech Pvt Ltd	60000
M/s. Madras Spice Ladies Circle 133 Charitatable Trust	52500
Mr. P.Amritha Hariraj	52000
Mr. A.G.Muthu Krishnan	50000
M/s. D Engineering Pvt Ltd	50000
Dr. Santa Ramachandran	50000
Mr. G.Chandrasekaran	50000
M/s. Gedee Hopt	50000
Ms. Lakshmi	50000
Mr. Narasimha Nayal	50000
Ms. Sarala Krishnan	50000
Mr. T.K.Venkatesan	50000
Mr. V.Krishnan	50000
M/s. Ashok Leyland Limited	42120
Ms. Minalochani	40000
Ms. Ramabai	40000
C/O	43314475



B/O	43314475
Mr. Gautam Panchu	35000
M/s. United Overseas Facilities Management Pvt Ltd	31000
M/s. Indian Church Of Christ	30000
M/s. Phoenix Agencies	30000
Ms. S.Sathyabhama	30000
Mr. Kailash Mull Dugar	25011
Mr. A M Gopinath	25000
M/s. Kanchanbai Sampathraj Singhvi Charitable Trust	25000
M/s. Kappa Exports	25000
M/s. Lakshmipathy Seshachalam Charitable Trust	25000
Ms. Gita Gopalakrishnan	25000
Sri. P.K.Raghunathan	25000
M/s. Thursday Ladies Charitable Trust	25000
Dr. K.S.Dhathathreyan	20000
Sri. Meenakshi	20000
Sri. Raghunath Kannan	20000
Mr. V.Krishnan	20000
Mr. Subramaniam Iyer	20000
M/s. Sundaram Clayton Ltd	20000
Mr. A.Durga Prasad Rao	15000
Mr. Amish N Patel	15000
Mr. M V Subramanian	15000
Ms. Padmini Natarajan	15000
Mr. M V Subramanian	13000
M/s. Blood Bank	10000
Ms. Chitra Venkatramani	10000
Dr. Tr. Ramana Chandran	10000
Dr. Jayalakshmi Jagannathan	10000
Dr. V.Jagannathan	10000
Er. Ramabai	10000
Mr. K.Ganapathy	10000
Mr. MB. Pranesh	10000
Ms. Akila Jayaraman	10000
Ms. Gayathri Raghavan	10000
Ms. Suguna Saraswathi	10000
Ms. Varsha Sai Raghunathan	10000
Mr. P.Sabanayagam	10000
Mr. S.Ramasubramaniam	10000
C/O	44003486



B/O	44003486
Mr. Shankaran Ramamurthy	10000
Sri. M.R.Veera Raghavan	10000
Sri. N.Raghuraman	10000
Sri. P.Sabanayagam	10000
Sri. R.Srinivasan	10000
Sri. Sudhir Gopinath	10000
M/s. Thilaiyadi Valliammai Mathar Sangam	10000
Ms. Vasantha Rajagopalan	10000
Smt. Vatsala Krishnamurthy	5001
Mr. B.Ramachandran	5000
Sri. H.H.Datta Vijayananda Teertha Swamiji	5000
Ms. K.Sangeetha	5000
Mr. L.Vasudev	5000
Ms. Lalitha Ramkumar	5000
Mr. N.V.Subramanian	5000
M/s. N.T.Dugar Foundation	5000
Mr. T.R.Raghavan	5000
Mr. S.S.Narayanan	5000
Mr. V.Karthik	5000
Mr. Karthik Jayaraman	4000
Mr. V.Balasubramanian	4000
Mr. V.Srinivasa Sarma	3000
Dr. N.G.S Charitable Trust	2500
M/s. Jayalakshmi Estates	2000
Mr. A.D.Thulasisingam	2000
Ms. Subha Lakshmanan	2000

Total donations received **44268587**



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113
LIST OF DONATIONS RECEIVED FROM 1 APRIL 2018 TO 31 MARCH 2019

Donation for working Expenses (Revenue Donation)	25,532,122
Donation Capitalised	4,062,854
Stroke Project	3,972,000
Endowment Fund	8,465,011
Dr.A.Lakshmipathi Neurosurgical Centre	2,000
Eye Project	67,000
MRC Hospital	107,600
Poor feeding fund	10,000
Community Health Projects	20,50,000
	44,268,587
Donation u/s 35 (1) (ii)	8,556,060
Donation u/s 80G	35,712,527
	44,268,587

LIST OF FOREIGN CONTRIBUTIONS/GRANTS RECEIVED
FROM 1 APRIL 2018 TO 31 MARCH 2019

Name of the Donor/Institution	Currency	Amount
Contributions:		
Ram Narayan Gopalakrishnan & Sharada Vittalpur	USD 2000	143,121
Mohan Sampath	INR	193,650
Sailors Society		
New Ambulance	1,764,606	2,228,779
Treatment charges	464,173	
Cognizant Foundation		6,291,684
		8,857,234
Revenue Contributions	800,944	
Contributions Capitalized	8,056,290	
	8,857,234	
GRANTS		Rs.
CDC Projects	USD	37,232,596
SAVE THE CHILDREN-MSA DIVA I		18,168,120
SAVE THE CHILDREN – MSA-DIVA II		2,210,143
NATIONAL INSTITUTE OF HEALTH , BETHESDA		210,990
		57,821,849

THE VOLUNTARY HEALTH SERVICES CHENNAI
GRANT IN AID RECEIVED FROM 1 APRIL 2018 TO 31 MARCH 2019

Rs.

Grant from Tamil Nadu Government

For Maintenance of Hospital -Bed Maintenance

Advance Grant for 2017-18 – Third Instalment 1,200,000

Advance Grant for the year 2018-19 –

Three instalments @ Rs. 12,00,000 each 3,600,000

Arrear Grant 7,859,364

Total Grant-in-Aid received 12,659,364

Less: Refund of Grant (2016-17) (816,875)

Total **11,842,489**

THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI – 600 113
PARTICULARS OF SPECIFIC ENDOWMENT AS ON MARCH 2019

A.FUNDS:

Rs.

For Maintenance of Madras Race Club Hospital:

Endowment Fund 18,020,605

Poor Feeding Fund 3,268,509

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

For **Dr.A.Lakshmipathi Neurosurgical Centre:** 500,000

Arogya Ashrama Samithi 200,000

For Medical Aid Plan:

Sri C.U.Shah Charities Endowment Fund 500,000

M/s.Larsen& Toubro Day Care Centre Fund 400,000

For Diagnostic Centre:

Jadhavbai Nathmal Singhvi Fund 500,000



For Blood Bank:

Aravind Laboratories & Sri Venkatesa Agencies	2,800,000
Mrs. Vatsala Krishnamurthi	50,000
Estate of Dr.K.S.Ranganathan	25,000

For Leprosy Research:

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

For Eye Project:

Eye Retina Endowment Fund	1,000,000
Vankamamidi Anasuya Research Endowment Fund	1,000,000
Pavithra Kotha Vijayakumar Memorial Fund	1,00,000

For Psychiatry:

Arjun Krishnan Endowment Fund	1,000,000
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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.Sundaraman	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 Ward	150,000
3.Towards Treatment of Eye Diseases	150,000
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
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
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	2,43,471,000
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	12,03,330
Building Construction	12,678,882
Maintenance Reserve	2,082,288
Department of General Surgery Reserve	1,563,971
Acute Care Centre Reserve	340,903
Neurosurgery Department Reserve	250,000
Geriatric Reserve	109,042

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



AIYAR & CO
Chartered Accountants

Telephone: 24816866
Telegrams: HISAB
First Floor,

New No: 2 (Old No.184)
Rangarajapuram Main Road,
Kodambakkam
Chennai – 600024.

Date : 30.08.2019

AUDITOR'S REPORT

1. We have audited the attached Balance Sheet of The Voluntary Health Services, Chennai, as at 31st March 2019 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 2019, 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 2019

AS AT 31.03.2018 Rs.	LIABILITIES RESERVES	SCH 'A'	Rs.	AS AT 31.03.2019 Rs.	AS AT 31.03.2018 Rs.	ASSETS FIXED ASSETS	SCH 'E'	Rs.	AS AT 31.03.2019 Rs.
252,329,597	CAPITAL RESERVES		264,448,741		321,628,853	GROSS BLOCK		334,070,612	
17,960,960	OTHER RESERVES		5,549,534		(139,648,395)	LESS - DEPRECIATION UPTO 31.03.2019		(157,263,730)	
270,290,557				2,69,998,275	181,980,458				176,806,882
65,965,377	ENDOWMENT RESERVE FUND	'B'		74,440,388	66,139,549	INVESTMENTS	'F'		74,893,277
	CURRENT LIABILITIES & PROVISIONS	'C'				CURRENT ASSETS, LOANS, ADVANCES AND DEPOSITS	'G'		
7,789,763	a. Current Liabilities		19,522,450			a. Current Assets		51,904,385	
736	b. Other Liabilities		----		52,599,109	b. Loan Advances		883,270	
19,169,032	c. Deposit Re-payable		18,155,000		892,000	c. Trade Deposits		3,652,056	
26,959,531				37,677,450	3,948,052				
					57,439,161				56,439,711
10,346,953	Loan due to HDFC Bank Ltd			4,976,953					
	Loan due to SBI Adyar			1,445,000					
37,766,447	OD with IOB VHS			41,443,552	159,488,884	INCOME & EXPENDITURE a/c.	'H'		177,792,697
53,719,187	UNSPENT BALANCES	'D'		55,950,949					
465,048,052				485,932,567	465,048,052				485,932,567

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

Chennai, dated 20 Aug 2019

M.S. SWAMINATHAN
President



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2019

	31.03.2019	31.03.2018
	Rs.	Rs.
<u>SCHEDULE " A " - RESERVES</u>		
<u>CAPITAL RESERVES</u>		
Donations Capitalised	243,471,000	231,351,856
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 Constructions	2,915,339	2,915,339
	264,448,741	252,329,597
<u>OTHER RESERVES</u>		
Reserve for:		
Department of Geriatrics	109,042	109,042
Department of Neurosurgery	250,000	250,000
Acute Care Centre	340,903	340,903
Department of General Surgery	1,563,971	1,563,971
Maintenance Reserve	2,082,288	2,840,897
Working Capital Reserve	1,203,330	12,856,147
	5,549,534	17,960,960
<u>SCHEDULE " B " ENDOWMENT RESERVE FUND</u>		
Poor Feeding Fund	3,268,509	3,258,509
Endowment Fund	18,020,605	9,555,594
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
C/O	27,107,590	18,632,579



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2019

		31.03.2019 Rs.	31.03.2018 Rs.
SCHEDULE " B "			
ENDOWMENT RESERVE FUND	B/F	27,107,590	18,632,579
Aravind Laboratory Fund		2,800,000	2,800,000
Dr. K.S. Ranganathan Blood Bank Fund		75,000	75,000
Leprosy Research Fund		140,000	140,000
General Reserve Fund		12,801,500	12,801,500
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 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	1,000,000
Arjun Krishnan Endowment Fund		1,000,000	1,000,000
Vankamamidi Anasuya Research Endowment Fund		1,000,000	1,000,000
Sri Varasidhi Vinayagar Temple Fund		39,000	39,000
Mrs.Lakshmi Iyer Centenary Fund		1,211,672	1,211,672
		74,440,388	65,965,377



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2019

31.03.2019

31.03.2018

Rs.

Rs.

SCHEDULE "C" - CURRENT LIABILITIES & PROVISIONS

a. CURRENT LIABILITIES:

Sundry Creditors:		
Advance Collection from patients	713,994	592,269
Other Creditors	17,711,132	6,968,876
Service Tax	-----	205,470
CGST Payable	103,308	11,530
SGST Payable	103,308	11,530
Electronic cash ledger	-----	88
Mess recovery	80,380	----
Rental Advance - Medall	810,328	----
	19,522,450	7,789,763

b. OTHER LIABILITIES:

Family Welfare Staff Account	---	736
	---	736

c. DEPOSITS RE-PAYABLE

Senior Citizen Centre Deposit	18,150,000	18,850,000
Security Deposit - Others	5,000	305,000
Staff Security Deposit	----	14,032
	18,155,000	19,169,032

d. Loan from HDFC Bank	4,976,953	10,346,953
Loan from SBI (Echo loan)	1,445,000	----
	6,421,953	10,346,953

e. Cash Credit Accommodation from IOB VHS Branch	41,443,552	37,766,447
--	------------	------------

SCHEDULE "D" :

UNSPENT BALANCES IN PROJECT ACCOUNTS

Stroke Project A/c	10,256,791	9,689,808
Diabetic Project A/c.	120,017	2,744,496
VHS Clinical research	176,505	193,700
Dr.A. Lakshmipathi Neurosurgical R & D A/c	7,406,568	7,408,595
Dr. B. Ramamurthi & Dr. Dibbala Rao Neurosurgery Residents Stipend A/c	6,980,652	6,980,652
Teaching Programme A/c	9,606,864	9,411,489
Capt. S. Jayaram Endowment A/c	91,456	91,456
VHS Bulletin A/c	88,803	82,303
Dr. Subramanian Suresh Library A/c	11,139	11,139
C/O	34,738,795	36,613,638

THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2019

	31.03.2019	31.03.2018
	Rs.	Rs.
SCHEDULE "D" :	34,738,795	36,613,638
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	2,390	3,390
Indian Bank staff welfare scheme	12,610	17,361
Sugalchand Jain Muni Treatment	198,876	198,876
R.H. Ranga Rao Endowment A/c	157,479	157,479
Eye Research Project A/c	74,807	415,807
Sugal & Damani Endowment A/c	208,546	208,546
Protein Research Project A/c	----	5,697,518
Dr. K.S. Sanjivi Memorial R & D A/c	576,547	576,547
Paediatric ward Projects	1,428,662	1,428,662
Microneuro surgery workshop	195,240	195,240
Dr.A.R.Subrahmaniam Memorial Lecture	1,630	1,630
Science and Engineering Research Board	----	281,677
Rotary Central TTK VHS Blood Bank A/c	3,812,277	3,517,022
Sri Varasidhi Vinayagar Temple A/c	99,069	68,168
Cardiology Project A/c	2,373,984	2,364,484
VHS-CHARTERED Project A/c	----	283,707
Paediatric Growth Fund	48,000	48,000
Dr.N.S. Murali Endowment A/c	509	509
Blood bank	411,189	509,087
Staff Welfare A/c	109,716	106,788
London School of Hygiene & Tropical Medicine A/c	----	3,334
Public Health Foundation of India - SANCD Project A/c	----	31,117
DNB-Traning programme	1,046,604	----
VHS-IDMC Projects	9,463,419	----
	55,950,949	53,719,187



THE VOLUNTARY HEALTH SERVICES
SCHEDULE FORMING PART OF BALANCE SHEET AS AT 31 MARCH 2019

SCHEDULE "E" : FIXED ASSETS	GROSS BLOCK						DEPRECIATION				NET BLOCK	
	Name of Assets	Cost as at 01.04.2018 Rs.	Additions During the Year Rs.	Total Rs.	Sales Deductions Rs.	Cost as at 31.03.2019 Rs.	Upto 31.03.2018 Rs.	Deductions Rs.	For the Year Rs.	Upto 31.03.2019 Rs.	As at 31.03.2019 Rs.	As at 31.03.2018 Rs.
	Land	383,103	----	383,103		383,103					383,103	383,103
	Building	186,395,484	40,403	186,435,887		186,435,887	69,646,609		5,838,453	75,485,062	110,950,825	116,748,875
	Equipment	107,633,517	9,897,848	117,531,365	1,678,000	115,853,365	58,366,829	1,406,067	8,234,063	65,194,825	50,658,540	49,266,688
	Furniture	2,638,257	369,675	3,007,932	148,306	2,859,626	827,406	148,306	199,568	878,668	1,980,958	1,810,851
	Kitchen Utensils	251,091	18,000	269,091		269,091	174,622		12,820	187,442	81,649	76,469
	Vehicles	2,241,710	3,617,348	5,859,058		5,859,058	442,001		672,763	1,114,764	4,744,294	1,799,709
	Solar Power plant	19,572,950		19,572,950		19,572,950	10,177,934		3,758,006	13,935,940	5,637,010	9,395,016
	Computer	64,970	112,562	177,532		177,532	12,994		55,035	68,029	109,503	51,976
	R.O. Plant	2,447,771	212,229	2,660,000		2,660,000			399,000	399,000	2,261,000	2,447,771
	Grand Total	321,628,853	14,268,065	335,896,918	1,826,306	334,070,612	139,648,395	1,554,373	19,169,708	157,263,730	176,806,882	181,980,458

For Aiyar & Co.,
Chartered Accountants
Regn. No.000063S
N. SRIDHARAN
Proprietor
Membership No.20503

S. SURESH
Hony. Secretary

J.SRINIVASAN
Hony. Treasurer

Chennai, dated 20 Aug 2019

M.S. SWAMINATHAN
President



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

	31.03.2019	31.03.2018
	Rs.	Rs.
SCHEDULE "F" :		
INVESTMENTS:		
Shares in TUCS Ltd., Chennai	50	50
INVESTMENTS IN FIXED DEPOSITS:		
Endowment Reserve Fund:		
With Nationalised Banks	23,465,878	23,465,878
State/Central Govt. Undertakings	29,248,699	29,248,699
OTHER INVESTMENTS:		
With Nationalised Banks	250,000	250,000
State/Central Govt. Undertakings	21,924,850	13,171,122
National Savings Certificates	3,800	3,800
	74,893,277	66,139,549
SCHEDULE "G" - CURRENT ASSETS,		
LOANS & ADVANCES		
a. CURRENT ASSETS:		
Stock of Drugs valued at cost	2,685,354	2,801,547
Sundry Debtors	1,150,543	111,450
Expenses Recoverable:		
Drs. Indira and B. Ramamurthi Medical Relief A/c	15,125,739	15,145,629
Community Health Project A/C	----	13,181,688
TAG – VHS Diabetes Research Centre	4,773,921	47,73,921
Tax Deducted at Source	4,262,085	2,860,955
Urban Family Welfare Centre	2,811,311	1,336,353
Government of Deaddiction and Drug Abuse Project	----	704,921
Suicide/De-addiction Project A/c	----	156,912
T.S.Srinivasan Neurosciences Centre	137,589	137,589
Science and Engineering Research Board	11,553	
Mini Health Centre	----	78,043
Mr. P. Subramaniam &	59,010	59,010
Meena subramaniam Lecture A/c		
VHS – CDC Projects	----	7,543
Cash & Bank Balances		
In Fixed Deposits with Scheduled Banks	7,882,173	7,882,173
Cash at Bank in Current & SB A/Cs	12,953,577	3,358,372
Cash on hand including Imprest Cash	51,530	40,000
	51,904,385	52,636,106



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF THE BALANCE SHEET AS AT 31 MARCH 2019

	31.03.2019	31.03.2018
	Rs.	Rs.
b. LOANS & ADVANCES		
(Including Trade Deposits)		
Electronic Cash ledger	52,070	-----
Festival Advances to Staff	818,700	867,000
Other advance to staff	12,500	25,000
	<u>883,270</u>	<u>892,000</u>
c. TRADE DEPOSITS		
Madras Electricity System	3,561,766	3,857,762
Gayathri Auto Service	25,000	25,000
Tamilnadu Co-operative		
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.	1,300	1,300
Corporation of Chennai	200	200
Ambu & Co.	150	150
	<u>3,652,056</u>	<u>3,948,052</u>

SCHEDULE "H" -**INCOME & EXPENDITURE A/C**

Balance as per last Balance Sheet	159,488,884	137,262,572
	<u>159,488,884</u>	<u>137,262,572</u>
Add: Excess of Expenditure over Income for the year transferred from Income & Expenditure Account	18,303,813	22,226,312
	<u>177,792,697</u>	<u>159,488,884</u>

N. SRIDHARAN
Proprietor
Membership No.20503

S. SURESH
Hony. Secretary

J.SRINIVASAN
Hony. Treasurer

M.S. SWAMINATHAN
President

Chennai, dated 20 August 2019



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.8.5 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 20 August 2019



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MARCH 2019

2017-18	EXPENDITURE	SCHEDULE	2018-19	2017-18	INCOME	SCHEDULE	2018-19
RS.			RS.	RS.			RS.
2,860,809	Opening Stock Drugs Valued at cost on 01.04.2018		2,801,547	87,509,982	Collections	"027"	106,424,482
82,237,036	Establishment	"018"	108,196,943	25,826,894	Sale of Drugs - VHS pharmacy		30,630,423
16,985,650	Drug	"019"	19,892,372	1,170,000	Fee For VHS	"028"	1,035,800
12,162,659	Disposables & Linen	"020"	16,965,203	13,058,881	Donations		25,639,722
1,725,788	Diet Charges & Dietary Expenses	"021"	1,474,442	175,768	Donations (Foreign Contribution)		800,944
2,691,744	Consumables	"022"	3,252,866	5,587,071	Interest on Deposits		4,519,608
5,582,732	Utilities	"023"	6,820,628	1,272,988	Grants (Maintenance)	"029	11,842,489
4,763,371	Repairs, Renewals & Service Charges		6,288,416	----	Profit on sale of assets		18,659
9,783,056	Administrative Expenses	"024"	17,039,169	112,017	Interest on income tax refund		----
20,948,615	Depreciation	"025"	19,169,708	2,801,547	Closing Stock as on 31.03.2019		2,685,354
				22,226,312	Excess of Expenditure Over Income		18,303,813
159,741,460			201,901,294	159,741,460			201,901,294

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

For Aiyar & Co.,
Chartered Accountants
Regn. No.0000063S
N. SRIDHARAN
Proprietor
Membership No.20503

S. SURESH
Hony. Secretary

J.SRINIVASAN
Hony. Treasurer

Chennai, dated 20 Aug 2019

M.S. SWAMINATHAN
President



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31 MARCH 2019

SCHEDULE	31.03.2019 Rs.	31.03.2018 Rs.
" 018 " ESTABLISHMENT		
Establishment Charges	70,678,387	52,161,112
Contribution to : Employees Provident Fund	3,509,785	3,570,402
ESIC Fund	1,764,584	1,558,344
Deposit Linked Insurance Fund	727,739	562,700
Group Gratuity Scheme	----	841,260
Tamilnadu Labour Welfare Fund	4,380	8,820
Professional fees paid to Doctors	25,309,384	17,130,964
Stipend to PGs	5,675,116	5,663,933
Staff Welfare	527,568	739,501
	108,196,943	82,237,036
"019" DRUGS		
Drug Purchases - VHS Pharmacy	19,892,372	16,985,650
	19,892,372	16,985,650
" 020 " DISPOSABLES & LINEN		
Disposables	15,741,663	11,570,058
Purchase of lens	771,344	463,396
Linen	452,196	129,205
	16,965,203	12,162,659
" 021 " DIET CHARGES & DIETARY EXPENSES		
Diet Charges	912,450	1,148,125
Dietary Expenses	561,992	577,663
	1,474,442	1,725,788
" 022 " CONSUMABLES		
Medical Gas	2,199,655	1,737,987
X-Ray Films & Chemicals	411,867	362,143
Washing Charges	360,546	360,000
Fuel Gas	107,575	121,920
Ambulance Expenses	173,223	109,694
	3,252,866	2,691,744
" 023 " UTILITIES		
Electricity Charges	5,366,326	4,389,878
Telephone Charges	428,723	716,056
Water Charges	866,565	242,190
Power (Generator)	159,014	234,608
	6,820,628	5,582,732



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31 MARCH 2019

SCHEDULE	31.03.2019	31.03.2018
	Rs.	Rs.
" 024 " ADMINISTRATIVE EXPENSES		
Bank Charges & Interest on Overdraft	3,814,979	3,300,597
Lab Charges	6,039,325	1,860,806
Consultancy Service	2,060,640	1,142,444
Printing & Stationery	1,538,651	892,876
Waste Management & Handling Charges	521,250	508,350
Administrative Charges on EPF	295,753	363,074
Computer Maintenance	272,677	283,967
Tamilnadu Pollution Control Board - Consent fee	538,284	206,944
Scan Charges	-----	185,370
Workshop & Conference	129,385	174,080
Garden Maintenance	54,907	147,112
Miscellaneous Expenses	246,839	127,123
Honorarium to Auditors	144,426	118,000
Advertisement Charges	128,307	109,322
Freight, Cooly & Conveyance	39,129	71,934
Local Fund Audit Fees	23,756	66,473
License & Renewal fee and Insurance	23,500	58,995
Admin charges for – Ragas Dental College and Hospital	15,000	55,000
Postage & Telegrams	81,149	46,033
Subscriptions & Membership	72,914	29,007
Books & Periodicals	138,446	----
Insurance	13,921	14,540
Filing charges	6,080	13,209
Water & Sewage Tax	12,981	7,800
Expenses for IDDM Patients	741,870	----
Legal expenses	85,000	----
	17,039,169	9,783,056
" 025 " DEPRECIATION ON		
Equipment	8,234,063	8,215,929
Solar Power Plant	3,758,006	6,263,344
R.O.Plant	399,000	----
Buildings	5,838,453	6,143,351
Furniture	199,568	198,049
Vehicle	672,763	102,583
Computer	55,035	12,994
Kitchen Utensils	12,820	12,365
	19,169,708	20,948,615



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF INCOME & EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 31 MARCH 2019

SCHEDULE	31.03.2019 Rs.	31.03.2018 Rs.
" 026 " COLLECTIONS		
Madras Race Club Hospital Collections		
(Less Refunds)	78,480,810	60,260,047
X-Ray Department	2,549,745	2,514,637
Diagnostic Centre Collection	13,835,296	9,027,226
Rental income	5,769,566	5,025,307
Dietary Receipts	912,450	1,148,125
Senior Citizen Centre	1,681,915	1,772,509
Miscellaneous Receipts	4,330	610,901
Ambulance Receipts	112,600	223,670
Sale of Condemned Assets	----	7,900
Auditorium Receipts	100,000	162,160
Internship Training fees	221,500	----
Cottage fees	177,270	----
Occupational Charges from VHS SHARE, CDC and MSA Projects	2,519,000	6,697,500
Admin charges for Ragas Dental College & Hospital	60,000	60,000
	106,424,482	87,509,982
" 027 " FEE FOR VHS :		
From C.L.Baid Mehta College	285,800	420,000
Ragas Dental College	750,000	750,000
	1,035,800	1,170,000
" 028 " GRANTS		
Grant from Tamilnadu Govt. for Maintenance of MRC Hospital		
Advance Grant for 2017-18	1,200,000	
Advance Grant for 2018-19	3,600,000	
Enhanced Grant for 12-13, 13-14, 14-15	7,859,364	
	12,659,364	
Less:		
Refund of Grant for 2016-17	(816,875)	
	11,842,489	1,272,988
	11,842,489	1,272,988

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 20 August 2019

THE VOLUNTARY HEALTH SERVICES (REGD.) CHENNAI 600 113
MEDICAL CENTRE ACCOUNT
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31 MARCH 2019
(ANNEXURE)

2017-18	EXPENDITURE	2018-19	2017-18	INCOME	2018-19
RS.		RS.	RS.		RS.
2,860,809	Opening Stock Valued at cost 01.04.18	2,801,547		By Income	
75,438,677	Establishment	93,600,005	60,819,798	Collections	75,061,191
16,633,502	Drugs	19,892,372	25,826,894	Sale of Drugs - VHS pharmacy	30,630,423
6,123,382	Disposables & Linen	8,324,467	114,200	Donations	105,600
1,148,125	Diet Charges	912,450	1,280,436	Interests	1,120,990
2,097,987	Consumables	2,560,201	1,272,988	Grants	11,842,489
3,659,444	Utilities	5,878,947	2,801,547	Closing Stock Drugs as on 31.03.2019	2,685,354
3,458,214	Repairs, Renewals & Service Charges	4,911,833	22,550,500	Excess of Expenditure over Income	21,367,851
3,246,223	Administrative Expenses	3,932,076			
114,666,363		142,813,898	114,666,363		142,813,898



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
CONSOLIDATED RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31 MARCH 2019

RECEIPTS	SCHEDULE	Rs.	PAYMENTS	SCHEDULE	Rs.
To Opening Balance as on 01.04.2018			By Opening Bank Balance as on 01.04.2018		37,766,447
Cash on Hand including Imprest Cash		40,000	Over Draft With IOB and HDFC		
Bank Balances in Current and Savings Bank A/Cs		3,358,372	By EXPENSES:		
Collections	"001"	1,06,715,074	Establishment	" 007 "	1,03,806,895
Sale of drugs - VHS Pharmacy		30,630,423	Drugs	" 008 "	19,892,372
Fee for VHS	"001A"	1,035,800	Disposables and Linen	" 009 "	16,965,203
Donations		44,268,587	Diet Charges & Dietary Expenses	" 010 "	1,474,442
Donation (Foreign Contribution)		8,857,234	Consumables	" 011 "	3,252,866
Interest on Deposits		4,519,608	Utilities	" 012 "	6,820,628
GRANTS :			Repairs, Renewals & Service Charges		6,288,416
For Maintenance of MRC Hospital	" 002 "	11,842,489	Administrative Expenses	" 013 "	17,039,169
For Specific Projects	" 002 A "	1,095,392	Project Payments	" 014 "	1,23,160,248
Project Receipts	"003"	1,18,114,056	Cost of Fixed Assets Acquired	" 015 "	14,268,065
Interest on Specific Reserves Capitalised	"004"	290,856	Investment in Fixed Deposits		15,913,728
Fixed Deposits - Investment matured		7,160,000	Advances and Deposits	"016"	1,57,192,918
Recovery and Advances	"005"	1,61,657,689	Other Payments	"017"	18,816,509
Other Receipts	"006"	18,558,881	Loan from HDFC Bank Repayment		5,370,000
Loan from SBI		1,445,000	Closing Balance as on 31.03. 2019		
To Closing Bank Balance as on 31.03.2019		41,443,552	Cash on Hand including Imprest Cash		51,530
Over Draft With IOB and HDFC			Bank Balances in Current & Savings A/Cs		12,953,577
		5,61,033,013			5,61,033,013

For Aiyar & Co.,
Chartered Accountants
Regn. No.000063S
N. SRIDHARAN
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S. SURESH
Hony. Secretary

J.SRINIVASAN
Hony. Treasurer

M.S. SWAMINATHAN
President

Chennai, dated 20 Aug 2019



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31.03.2019

SCHEDULE	RECEIPTS
	Rs.
" 001 " COLLECTIONS:	
MRC Hospital Collections (Less refunds)	78,480,810
Occupational Charges from SHARE, CDC, and MSA Projects	2,519,000
X-Ray Department	2,549,745
Diagnostic Center Collection	13,835,296
Dietary Receipts	912,450
Senior Citizen Centre	1,681,915
Rental income	5,769,566
Miscellaneous receipts	403,100
Ambulance Receipts	112,600
Auditorium Receipts	100,000
Sale of condemned asset	290,592
Admin charges for-Ragas Dental College and hospital	60,000
	106,715,074
" 001A" FEE FOR VHS:	
From C.L Baid Mehta College	285,800
Ragas Dental College	750,000
	1,035,800
" 002 " GRANTS:	
Grant from Tamilnadu Govt. for Maintenance of MRC Hospital:	
Advance Grant for 2017 – 2018	1,200,000
Advance Grant for 2018 – 2019	3,600,000
Enhanced Grant for 12-13, 13-14, 14-15	7,859,364
	12,659,364
Less:	
Refund of grant for 2016-17	(816,875)
	11,842,489
" 002 A " - GRANTS FOR SPECIFIC PROJECTS	
For Urban Family Welfare Centre	1,095,392
	1,095,392
" 003 " PROJECT RECEIPTS:	
Diabetic Project A/c	20,357
Community Health Project A/c	1,139,140
Stroke Project A/c	787,744
Dr. A. Lakshmiopathi Neurosurgical Research & Development A/c	28,333
C/O	1,975,574



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31.03.2019

SCHEDULE		RECEIPTS
		Rs.
" 003 " PROJECT RECEIPTS:	B/F	1,975,574
VHS-CDC Projects		37,232,596
Rotary Central / TTK / VHS Blood Bank A/c		34,633,709
VHS-MSA DIVA Project		18,168,120
VHS-MSA DIVA Project II		2,210,143
VHS-IDMC Project		22,053,659
VHS-Bulletin a/c		9,500
Blood Bank A/c		65,273
Teaching Programme A/c		199,320
Dr's Indira & B. Ramamurthi Medical Relief A/c.		9,891
Indian Bank Staff Welfare Scheme A/c		58,500
Eye project		147,000
Sri Varasidhi Vinayagar Temple A/c		37,401
DNB-Traning Programme		1,163,140
Bank of Baroda Medical Relief A/c		25,000
Staff Welfare A/c		18,500
Cardiac Project A/c.		9,500
VHS-Clinical Research A/C		97,230
		118,114,056
" 004 " INTEREST ON SPECIFIC RESERVES CAPITALISED		
Reserve for:		
Maintenance		202,400
Working Capital		88,456
		290,856
" 005 " RECOVERY & ADVANCES:		
Advances for Purchases		108,196,070
Advance Collection from Patients		44,173,347
Interest free deposit from SCC		1,500,000
Festival Advance to Staff		1,340,300
Security Deposit - Mess-EB		499,532
Rental advance- Medall		2,239,600
CGST Output		1,385,014
SGST Output		1,385,014
IGST Output		97,898
Mess Recovery from Staffs		798,414
Staffs advance		42,500
		161,657,689



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31.03.2019

SCHEDULE	RECEIPTS Rs.
" 006 " OTHER RECEIPTS:	
Employees Provident Fund Collection	10,038,018
Income Tax Collection & Remittance	4,058,830
ESIC Collection	2,889,388
LIC Salary Savings Scheme	581,133
Professional Tax	509,750
Electronic cash ledger	479,572
Tamilnadu Labour Fund employees collection	2,190
	18,558,881
" 007 " ESTABLISHMENT:	
Establishment Charges	66,288,339
Contribution to:	
Employees Provident Fund	3,509,785
Deposit Linked Insurance Fund	727,739
ESIC Fund	1,764,584
Tamilnadu labour welfare fund	4,380
Professional fees paid to Doctors	25,309,384
Stipend to PGs	5,675,116
Staff Welfare	527,568
	103,806,895
"008" DRUGS	
Drug purchases - VHS Pharmacy	19,892,372
	19,892,372
" 009 " DISPOSABLES & LINEN:	
Disposables	15,741,663
Purchase of lens	771,344
Linen	452,196
	16,965,203
" 010 " DIET CHARGES & DIETARY EXPENSES	
Diet Charges	9,12,450
Dietary Expenses	5,61,992
	1,474,442



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31.03.2019

SCHEDULE	RECEIPTS
	Rs.
" 011 " CONSUMABLES:	
Medical Gas	2,199,655
X-Ray Films & Chemicals	411,867
Washing Charges	360,546
Fuel Gas	107,575
Ambulance Expenses	173,223
	3,252,866
" 012 " UTILITIES:	
Electricity Charges	5,366,326
Telephone Charges	428,723
Water Charges	866,565
Power (Generator)	159,014
	6,820,628
" 013 " ADMINISTRATIVE EXPENSES:	
Bank Charges & Interest on Bank Overdraft	3,814,979
Lab charges	6,039,325
Consultancy fees	2,060,640
Printing & Stationery	1,538,651
Waste Management & Handling Charges	521,250
Administrative Charges on EPF	295,753
Computer Maintenance	272,677
Tamilnadu Pollution Control Board - Consent Fee	538,284
Water & Sewage tax	12,981
Workshop & Conference	129,385
Garden Maintenance	54,907
Miscellaneous Expenses	246,839
Honorarium to Auditors	144,426
Advertisement Charges	128,307
Conveyance	39,129
Local fund audit fee	23,756
Licence & Renewal fee & Insurance	23,500
Admin charges for RAGAS dental college and hospital	15,000
Postage & Telegrams	81,149
Subscription & Membership	72,914
Books & Periodicals	138,446
Insurance Charges	13,921
Expenses for IDDM Patients	741,870
Filing charges	6,080
Legal expenses	85,000
	1,70,39,169



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31.03.2019

SCHEDULE	RECEIPTS Rs.
" 014 " PROJECT PAYMENTS:	
VHS-CDC Projects	37,232,596
Rotary Central/TTK-VHS Blood Bank A/c	34,338,454
VHS-MSA DIVA Project	18,168,120
VHS-MSA DIVA Project II	2,210,143
Diabetic Project A/c	2,681,833
Community Health Project	7,792,760
VHS-Bulletin	3,000
Stroke Project A/c	4,192,762
Blood Bank A/c	163,171
Urban Family Welfare Centre A/c	2,570,350
Eye Research A/c.	555,000
Teaching Programme A/c	3,945
Science and Engineering Research Board	293,230
Sri Varasidhi Vinayakar Temple A/c	6,500
Indian Bank Staff Treatment A/c	63,251
Dr. A. Lakshmipathy Neurosurgery R & D A/c	22,361
Bank Of Baroda Medical Relief A/c	26,000
VHS Clinic Research	114,425
DNB-Traning Progamme	116,536
Staff Welfare	15,572
VHS-IDMC Projects	12,590,239
	123,160,248
" 015 " COST OF FIXED ASSETS ACQUIRED	
Equipment	9,897,848
RO plant	212,229
Vehicle	3,617,348
Building	40,403
Furniture	369,675
Computer	112,562
Kitchen Utensils	18,000
	14,268,065



THE VOLUNTARY HEALTH SERVICES (REGD.), CHENNAI - 600 113
SCHEDULES FORMING PART OF CONSOLIDATED RECEIPTS & PAYMENTS ACCOUNT
FOR THE YEAR ENDED 31.03.2019

SCHEDULE	RECEIPTS Rs.
" 016 " ADVANCES & DEPOSITS	
Advances for Purchases	102,833,954
Advance Collections from Patients adjusted	44,051,622
Staff Advance	30,000
Festival Advance to Staff	1,292,000
SGST INPUT	1,342,185
CGST INPUT	1,342,185
Additional Deposit to MES	203,536
Tax Deducted at Source	1,401,130
Interest free deposit from Senior Citizen Centre	2,200,000
Mess Recovery from Staff paid	767,034
Repayment of rental advance - Medall	1,429,272
Security deposit	300,000
	157,192,918
" 017 " OTHER PAYMENTS:	
Remittance of :	
Employees Provident Fund	10,038,018
ESIC	2,889,388
LIC Salary Savings Scheme	581,133
Tamilnadu Labour Welfare fund – Employees collection	2,190
Staff Professional Tax	509,750
Service Tax	205,470
Electronic Cash Ledger	531,730
Income Tax Collection & Remittance	4,058,830
	18,816,509

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 20 Aug 2019



AIYAR & CO.
Chartered Accountants

Telephone :24816866
Telegrams : HISAB

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

Date : 30 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 2019 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 2019
MEDICAL SCIENCES RESEARCH ACTIVITIES ACCOUNT

RECEIPTS	Rs.		PAYMENTS	Rs.
To		By	Salary	21,250,372
			Drugs	582,457
			Disposables & Chemicals	426,257
			Dietary Expenses	136,868
			Consumables	487,930
			Utilities	131,043
			Repairs and Maintenance	1,208,069
			Books and Journals	138,446
			Administrative Expenses	387,321
			Equipment	850,000
Total	26,598,763		Total	26,598,763

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 20 Aug 2019



THE VOLUNTARY HEALTH SERVICES

MULTI-SPECIALITY HOSPITAL & RESEARCH INSTITUTE

Rajiv Gandhi Salai, Adyar, Chennai - 600 113.

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