

S.A.T.H.I

**SOCIETY FOR ADMINISTRATION OF
TELEMEDICINE AND HEALTHCARE
INFORMATICS**

ANNUAL REPORT

2020-21

Message from the President



Dear friends,

The year 2020 has seen momentous and unfortunate happenings. The myth of longevity, immortality and a possibility that man will overcome nature has been broken. However, in these unfortunate set of events, S.A.T.H.I.'s activities have blossomed.

Telehealth has been given a new lease of life and at least temporarily was the best method to allow health workers to avoid suffering themselves during their call of duty. We have been called upon to explain the hows and whys of the process and philosophy behind it from many organizations. Side by side our efforts to make Telehealth a living reality continued. Many partnerships are evolving. **The book** to which SATHI members eagerly contributed - ***Fundamentals of Telemedicine of Telehealth***, was gratuitously made open access by the publisher Elsevier Inc for a period of 6 months (April to October 2020).

We have had enormous increase in membership this year thanks to these efforts. We welcome all the new members to our fold. From next year, this number is expected increase along with the effort to start statewise branches. A separate medical students section is in the offing. The internship program is also underway with Mr Sadgun Sobti and Harshita Jain being actually provided internship certificates

Our application to become the official country representative for India within the International Medical Informatics Association (IMIA) has been approved by the IMIA office bearers and will be formalized in their next meeting.

I take this opportunity to thank our partners

Rotary Club of Delhi West has become our partner for our long term projects where provide them knowledge and support for their health related projects which pertaining to donation of masks for Covid prevention.

Ms AMLA MEDIQUIP as well as Tamara Kosevic Founder, **LIHDA**, who provided us free stockings and bandages for donation to various hospitals across Delhi as well as AIIMS Rishikesh.

Ms Sanwari Bai Surgical Centre for our office location and secretarial support

Ms Virtual SATHI Private Limited -providing us staff and software for EMR /data analytics

We also received donations from the following:-

- Mr Anand Kumar Bansal, D 16 Friends Colony Rs 100000/-
- Ms Manju Virmani Rs 25000/-

Joint programs were done in partnership with HIMSS, India Chapter, CII, CAHO, Wockhardt trust, Association of Surgeons of India, Medical Students Network and formally supported activities within the following fresh organizations

Mahaan Hospital Trust, Melghat, Dist Amrawati, Maharashtra (Software and Telemedicine)

Ms Radhasoami Charitable Adivasi Trust, Rajaborari, Dist Herda MP (Telemedicine)

IMA Students Network, Gujarat in starting their journal – [The Med Juncture](#)

Let's all look forward to another eventful and fruitful year ahead.

Dr Shashi Gogia, President

Activities of S.A.T.H.I.



On 13th January 2020, we checked in to All India Institute of Medical Science, Rishikesh. After AIIMS Delhi,

Bhubaneswar, Bhopal we started our journey in AIIMS Rishikesh with LE&RN.

On 16th January 2020, in an CME Workshop had been organized on "Current Perspective in Lymphedema" at Rishikesh AIIMS. S.A.T.H.I President and Lymphologist Dr. Shashi Bhushan Gogia delivered a wonderful speech in this event. He said, "Teamwork is the ability to work together toward a common vision".



On 21st January 2020, at VAICON Mumbai a seminar had been organized on "Lymphedema - we are no longer helpless". Dr Andrzej Szuba, William

Repicci, Dr Shashi Gogia, and Dr Stanley Rockson gave thoughtful insights.



Arun Rekha Gogia is the chairperson of Lymphatic Education and Research Network and started a lymphedema clinic by providing an Intermittent

Pneumatic Compression (IPC). She has also completed Decongestive Therapy (CDT) course and started a lymphedema counselling clinic at the department of surgery, AIIMS. In this exclusive commentary, Dr Arun Rekha Gogia gives her clinical insights on lymphedema and the problems faced by the Lymphedema patients.



A report of SATHI's work on Lymphedema in Pisawan district Sitapur, was reported at many meetings including VAICON in Mumbai. Over 150 patients have been treated with excellent

outcomes (We plan to publish in a regular journal, This telemedicine based approach focussing on community care for a chronic problem is the way forward especially with COVID increasing the emphasis on Telehealth

Conducting Lymphedema Day on 6th March, 2020 at AIIMS Rishikesh.

On 6 March 2020, to mark the WLD, LE&RN India chapter is happy to announce Inauguration of Dedicated Lymphedema Clinic, Department of Burns & Plastic surgery in AIIMS Rishikesh.



The event is being organized in association with Indian Medical Association. There will

be a CME for Doctors and Hands -on workshop for Nurses and Therapists.

Also, as part of awareness campaign there will a distribution of grade-1 compression stockings for participating Nurses, curtsey Tamara Kosevic Founder, LIHDA (compression aid donation.)



The local newspaper picked up the WLD 2020 event in AIIMS Awareness campaign just got strengthened.

March The Awareness Month

ROTARY CLUB OF DELHI WEST
in
NGO SATHI

WORLD LYMPHOEDEMA MONTH

14 March 2020, Saturday
01:00 PM to 2:00 PM
Fortis Ft. Lt. Rajan Dhall Hospital, Vasant Kunj

Presentation by
Dr. S.B. Gogia, AIIMS, President SATHI
Arun Rekha Gogia (India Chair for LE&RN)

Lymphoedema is a long-term (chronic) condition that causes swelling in the body's tissues. It can affect any part of the body, but usually develops in the arms or legs. It develops when the lymphatic system does not work properly.

Continuing Medical Education and Public Awareness Campaign

6th March 2020
Organized on behalf of
AIIMS, Rishikesh and IMA, Rishikesh

Lymphatic Education & Research Network

S.A.T.H.I.

Another example is telemedicine. We are already seeing several consultations without actually going to the clinic or hospital. Again, this is a positive sign. Can we think of business models to help further telemedicine across the world: [PM @narendramodi](https://www.pmarendramodi.com)
17:09 · 19 Apr 20 · Twitter Web App

WEBINAR

TELEMEDICINE
Role & Implementation
In Obstetrics & Gynaecology
 29th April | 5 PM to 6 PM

MEET OUR SPEAKERS



DR. SHASHI BHUSHAN GOJA
MD, FRCOG, FRCO, FRCR, FRCR (S)

- Director (Gynaecology) (Govt. Hospital)
- President of S. F. J. (Govt. Hospital)
- Dr. Chanderbhan (MD, Women's Clinic, Govt. Hospital)
- Past President, Indian Association of Medical Education
- Founding Fellow, International Academy of Health Science (International)
- Editor - "Journal of Research & Telemedicine"



DR. GURKHAL SINGH JAJJA
MD, FRCOG, FRCO, FRCR, FRCR (S)

- Advisor & Member, Telemedicine Association
- Advisor & Life Member, Telemedicine Society of India
- Member, COVID-19 Committee for Emergency Telemedicine Policy on Diabetes
- Advisor, COVID-19 Emergency Consultation Services Centre (ICDRI)
- CEO & Co-Founder of "Telemedicine Services"
- Chair Member, "COVID-19 Emergency Consultation" project for over 10000 in home telemedicine
- Co-author - Fundamentals of Telemedicine and Teleshop

MODERATOR



MS. REKHA LAKSHMINARAYAN
Senior Strategic & Leadership Coach

AGENDA

- Telemedicine : Introduction & Overview
- How to Setup Telemedicine Practice
- Telemedicine Practice Guidelines (MCI)
- Practical case Studies of Implementation

Brought to you by




For Webinar Registration
<https://www.le&rn.com/india/webinar/telemedicine-29th-april-2020>

LIVE FROM GENEVA



INTERNATIONAL EXTRAORDINARY WOMEN'S AWARD-2020
 (Geneva City, Switzerland)

Organizing by
 International Women's Club, Switzerland Chapter
 in association with
 International Women's Club, Canada Chapter

Sunday, 28 June 2020 | Cisco Webex Meetings App
 3:30pm Switzerland Standard Time & 8pm Indian Standard Time
 Contact: internationalwomensclub@rediffmail.com



Our
 Congratulations to
 LE&RN India
 Consultant and
 Advocate, Gurinder
 Kaur for receiving

the International Extraordinary Women's Award-2020 on June 28 in Geneva, Switzerland. Ms. Kaur is former Director of OXFAM, a research scholar and an International Development Consultant. Ms. Kaur shared her vision of tele-medicine and expanded healthcare with LE&RN's CEO when they met in Delhi earlier this year, where they were introduced by India Chapter Chair Arun Rekha. (photo: Ms. Kaur and Ms. Rekha)



SATHI congratulates our Chief Patron and former director of AIIMS Prof Sneh Bhargava for her 90th birthday. She has been a constant support and continues to guide us.



SNO AP and Cytopot proudly present a Webinar :

Saturday 5.09.2020

From 4pm-6pm

Followed by Q&A session

Live sessions by renowned speakers :-

1) 4pm:- "Igniting inquisitive minds"

:Orientation session by Dr. Apurv Mehera

2) 5pm :-"LYMPHEDEMA": Diving into the depths of the dynamics between the lymphatic system and the interstitium by Dr. S.B. Gogia.

Every participant awarded with E- certificate!

Registration was completely free of cost.






**Symposium on
Lymphedema and Surgeons**
DATE: 08th SEPTEMBER 2020 | TIME: 09:00 PM - 07:30PM (GST)

Organized by
Association of Surgeons of India, Odisha Chapter
in partnership with
AIIMS Bhubaneswar, LE&RN India Chapter & SATHI




ROTARY CLUB OF DELHI WEST
In association with
SATHI & LERN
Distribution of 300 Compression Kits
at
Indian Spinal Hospital
On 9th October 2020 at 12:30 PM




Are you aware of Varicose Veins? · Swelling of legs ·

Burning, throbbing or cramping in the legs · Occupations demanding prolonged standing may cause Varicose Veins, These may or may not be visible.

We are creating awareness for Self-help measures which may help in alleviating the discomfort and slowing the progression of existing varicose veins:

- 1 Do not sit or stand for prolonged periods of time (!)
 2. Maintain a healthy weight
 3. Exercise regularly
 4. Wear compression.
 5. Avoid tight clothing.
- Join us on 9 October LERN India In partnership with Rotary Club Of Delhi West SATHI.

Distribution of compression kits at Indian Spinal hospital by Rotary club of Delhi West in association with SATHI and LE&RN.



LE&RN India, Chair/Ani Rastogi
Dr. Emily Iker, Vice-Chair of
LE&RN California chapter,
Nisha Maitra, TYAG
Pratibha Kaur,
Yumnique Creations

17 October 2020
4 to 5 P.m. / 200M
Join Zoom Meeting
<https://us02zoom.us/j/94629481250>
Meeting ID: 847 7058 8443
Passcode: 299108

• Role of Yoga And Diet for Wellness

Lymphedema Lipedema Nutrition Guide

DR. EMILY IKER

Eating more wisely can help you feel better and improve your lymphedema or lipedema. Learn why nutrition is important, what to eat and which foods to avoid, as well as which vitamins, minerals, and supplements to consider

Dr. Iker is the Director of Lymphedema Center in Santa Monica. She is Physical Medicine and Rehabilitation Specialist focusing on diagnosis, management and treatment of lymphedema.

Dr. Iker is past President of American Society of Lymphology. She is also board certified by the American Boards of Holistic Medicine.

LE&RN India is discussing a very useful topic covered by Dr Emily Iker

Eating wisely and maintaining a healthy body weight can help reduce your risk of developing lymphedema symptoms.

We are conducting a Webinar on Role of Yoga and Diet for Wellness (in general and also for

Lymphedema).

Date and Time: Saturday 17th October 2020, 4 to 5 pm



A Historical Moment for Rotary Club of Delhi West in association with SATHI and LERN at AIIMS, distributed Compression kits & stockings for Varicose veins with top faculty.





Rotary club of Delhi West in association with Karam Healthcare distributed N95 masks, face Shields, PE kits, goggles to

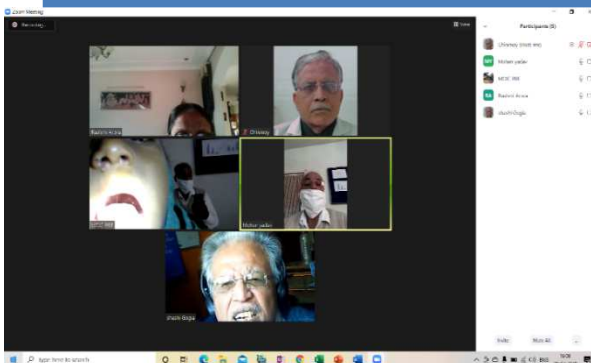
the health care staff and frontline workers @ Sitaram bhartia institute of research and science.

Rotary Club of Cairo Nile Valley District 2451

Egypt – India

Wassila Taha, MD, RPVI (USA)
 Member of American Registry of Diagnostic Ultrasonography (ARDMS)
 Consultant of Angiology & Vascular Ultrasound – Cairo - Egypt

Rotary Public Image Chair of Public image Committee



Our very first project after the Tsunami gave us recognition as pioneers in implementing EHealth as it was the very first time in India was

success noted in this field. The reasons behind the success was to look at Technology only as a tool inputted to a larger health need rather than be the main driver of the project.

In India, 65% of our population is rural; they are attended to by less than 25% of medical professionals. In the case of specialized healthcare, this ratio drops to below 4%. The reasons for these are varied but a large extent is related to the lack of actual facilities. S.A.T.H.I. is committed to providing quality e-healthcare via telemedicine to those rural or hard-to-reach areas. This activity of SATHI allows General Practitioners (GP) and other health professionals to conveniently provide services and patient consultations via video conferencing.

Rural GPs can use the Telehealth Network locally from a country location when consulting with a public health specialist to support care delivery to public health consumers. Alternatively, rural GPs can use a privately procured internet connection and a standards-based software application to link to the Digital Telehealth Network. Not only in the COVID situation but also regular basis SATHI has been organizing Telehealth facility at Radha Soami Adivasi Charitable Hospital, Village - Rajaborari, District - Harda. Rajaborari is a very interior and remote place of Madhya Pradesh, highly populated by Adivasis.

We have also provided Medicaid Software to Radha Soami Adivasi Charitable Hospital to encourage Digital Health.

THE MED JUNCTURE
IMA MSN Gujarat State Branch

Technology & Digital Health

ROLE OF TELERADIOLOGY IN COVID-19 PANDEMIC

COVID-19 TESTING: A DRUG DILEMMA IN COVID-19 TIMES

BIOETHICAL AND LEGAL AWARENESS IN THE PANDEMIC

WHO: A CAREER PERSPECTIVE - ASPIRE

Read Magazine Article

Read Magazine PDF

Sponsored By SATHI S.A.T.H.I

MAHAN Trust

M-Meditation, A-AIDS, H-Health, A-De-Addiction, N-Nutrition

Vision: Self Sustainable Healthy Human Being

Moved by the pathetic condition of tribal of Melghat, Dr. Ashish & Dr. Kavita Satav started the NGO MAHAN in 1997 with the aim of providing preventive & curative medical facilities & improving quality of life of tribals. MAHAN Trust's philosophy is to serve the last tribal of Melghat with complete dedication.

Melghat at a glance

Melghat is hilly forest area known to outside world for Malnutrition & wild life specially Project Tiger

Typical Village

Wild Life

Hard life:

- More than 80% are tribal, with Korku as a main tribe.
- More than 90% of the tribals are farmers or laborers, below poverty line, living very hard life & in huts.
- More than 50% are illiterate.
- Poor infrastructure or scarcity of benefits from govt. schemes reaching to needy poor tribals.

Extreme climatic conditions:

- Summer temp. as high as 48 deg. C.,
- Winter temp. as low as 2 deg. C.,
- Heavy rains up to 1500 mm hampering electricity, communication & transportation system for days together.

Before MAHAN intervention

High mortality rate

- Under 5 children mortality rate was >100 & Infant mortality rate (IMR) was >70 per 1000 live birth.
- Prevalence of severe malnutrition was > 20%.
- High premature adults deaths & maternal mortality rate.
- Very High Home deliveries (>75%).

MAHAN Projects

- **Hospital and Critical Care Unit** - for treating serious patients, major surgeries, Plastic surgeries etc. More than 93,407 patients treated.
- **HBCC, SAMMAN, MCPEPAG**- local tribal females are trained as bare foot doctors to provide treatment in village itself. >1,34,000 patients treated.
- **Counselor Program**-to strengthen government hospitals by acting as watchdog and counsel tribal to avail medical facilities.
- **Blindness Control Program**- Eye care-refractive errors, cataract surgeries, glaucoma, etc.
- **Specialty camps** >20,845 patients treated in camps of paediatric, gynaecology, dental, ENT, etc.
- **'UMANG'- Deaddiction Program**-to reduce prevalent addiction by way of yoga, meditation & lifestyle change thus reducing mortality.
- **Kitchen Gardens & nutrition farms**-to provide long term sustainable solution to malnutrition. (>7500).
- **Socio-economic** -to improve the quality of life of tribal by various activity like facilitating various govt. schemes, Empowerment of tribal, encouragement of Gramshbha, etc.

Critical Patient-Management

HBCC -VHW at Work

Severe malnutrition treatment

DHT Awareness

Critical Patient-Management

HBCC -VHW at Work

MAHAN Impact

Dedicated scientific efforts, Service, Research, Advocacy & PIL by MAHAN team resulted into substantial improvements in the life of tribals.

- ✓ Significant reduction in under 5 children mortality by 68% & severe malnutrition by 68% (p< 0.0001)
- ✓ More than 1542 severely malnourished children treated and saved with minimal case fatality rate of 0.3% (far better than WHO expected rate of 4%).
- ✓ Reduction in maternal mortality rate by 50%.
- ✓ Reduction in mortality rate in economically productive age group of 16-60 years by 49.4%.
- ✓ More than 2250 critical patients treated (heart attack, brain hemorrhage, cerebral malaria, snake bite, etc.) & pillars of nation have been saved.
- ✓ More than 897 life changing plastic surgeries (cleft palate, post burn contractures) performed (free of cost, worth cores of rupees).
- ✓ Overall > 4 lakhs patients benefited by counselor program (improved hospital delivery and severe malnutrition is reduced).
- ✓ Provided vision to > 21,300 patients, Eye Surgeries >1802 (especially Cataract Operations), >2,75,000 people screened (students and villagers).
- ✓ Three villages became free from social drinking of alcohol & >200 people are de-addicted
- ✓ Saved lives of >30 critically injured people by rescuing from various accident sites.

Muskan post treatment. She was born premature, smaller than rat.

Severely malnourished -Laxmi Before & After Treatment

MAHAN Impact

> **Policies**-Maharashtra state govt. framed 15 new policies, improved few existing ones & implemented models developed by MAHAN, at other places benefiting more than 5 lakhs Tribals across state

- Exposure of real status of malnutrition.
- Counsellor program.
- Village Child Developmental Centers'
- Criteria for malnutrition.

> **Representation**-Member of various Indian & global bodies working on this subject like 'European Society of Pediatric Research', 'Bhavishya Alliance', 'Regional Representative of Advisor to hon. Supreme Court of India, for food security bill' & others.

> **PIL**-Hon. High Court (PIL filed by KHOUJ & MAHAN), directed state govt. to re-instate Counselors at Govt. hospitals and changed 10 state policies.

> **Research Papers**-MAHAN presented research papers in 11 international journals & more than 10 international conferences.

> **Recognitions**-MAHAN is conferred with various awards like-Public Health Champion Award by WHO, REAL Global Award by 'Save The Children', UK, 'Best Tribal Research Project Award' by Indian Council of Medical Research, American's Foundation's 'Spirit of Humanity' Award, Felicitation by Hon. Abdul Kalam, certificate of merit by world CSR forum, etc.

> **Testimonials**-MAHAN work is appreciated by various renowned personalities/bodies like- 'Rajmata Jijau Mission' of Maharashtra govt., 'Program officer of

UNICEF', 'National Human Rights Commission'. I had remarkable experience seeing the hospital and then visiting the research personnel (of MAHAN Trust) in their home in the village. This maternal infant project demonstrates the power of low tech investigations to decrease infant mortality. Our discussion with the research team here have informed me how to think about the project for the US National Institute of Health - Maternal Infant Research Network, we will get great value and stimulation from the brief visit. Thank you very much! - Alan H. Jobe, MD, PhD, Professor of Paediatrics and researcher, Children's Hospital, USA.

Future Plans- Strengthening the existing programs, initiating new research, Replication of successful models & Policy enhancement throughout Tribal India.



Initial OPD



Initial Indoor



Pediatric Check up



Door to Door Eye Check up



Operated cataract patients



Before & After Surgery



Happy Patients after Plastic Surgery



Gram Sabha



School Children Check up



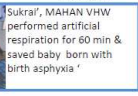
Kitchen Garden



Felicitation by Hon. Abdul Kalam.



Fully Equipped OT



'Sukral', MAHAN VHW performed artificial respiration for 60 min & saved baby born with birth asphyxia'

Support MAHAN

- Your support can save lives of lakhs of tribal not only in Melghat but across India.
- Contribution to MAHAN is exempted (50%) under 80G act of Income Tax.
- One can support in the form of recurring expenses, Corpus, Construction, sponsor Malnourished child, Manpower & Expertise, Instruments, Medicine, building MAHAN Family / supporters network.
- PAN no.: AABTM0596Q (9/11/1998)

Beneficiary Details-

NON FCRA Account (for donation within India)

Name- MAHAN TRUST NON FCRA ACC;

Acc. No.-11743713379

IFSC code/RTGS code of the Bank SBIN0002150.

FCRA Account (for overseas donation)

Name-MAHAN TRUST DHARNI; Acc. No.-11743713368

IFSC code : SBIN0002150, MICR code 444002713

Swift Code : SBININBB239

State Bank of India, Dharni, Dist: Amravati, Maharashtra, India -444 702.

Supporting Pillars :

Caring Friends	SEARCH	Anu Aga-M.P.	Credibility Alliance
Arpan Foundation US	University of Colorado US	Nottingham University, UK	Stichting Geron, Netherlands
Mashek foundation	Raja Auto CSR	Syngenta Foundation	Paul Hamlyn Foundation
CSRS	CSMC, Nagpur	Vijgo Foundation	N.Madhusarani Trust
TAPAS India Foundation	Shree Raj Foundation	AmeriCare Foundation	Tribal Development Department
Wishing Well	Global Giving	Worldwide Doctors	Individuals

MAHAN Trust

C/o- Dr. Ashish Satav (M.D.)
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Dharni, Dist. Amravati, Maharashtra, India. 444 702

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Website-www.mahantrust.org

Blog-<http://melghatdiaries.mahantrust.org>

FB - mahantrust

Action speaks louder than word.

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