

17th Annual Report

2020-2021

Healis Sekhsaria

Institute for

Public Health



***“To make difference globally in public health
through excellence in Research, Learning,
Teaching and Capacity building”***

Research | Learning | Teaching| Capacity Building

Message from the Directors

Dear Friends,

It is our great honour to share with you the Healix Annual Report 2020-21. This report comes to you with pride, as it is a compilation of our major accomplishments and our experiences from the past financial year. Healix has completed fifteen years. Institute vision is to advance public health through innovative science and evidence based research recommendation. To accomplish its vision, this year Healix has 5 projects in ongoing stage and 2 in data analysis phase. In addition to research, during this year, Healix has produced about 18 research publications in peer reviewed international journals.

Thank you all for your continued support on our journey!

Sincerely,

Dr. Prakash C. Gupta



Dr. Mangesh S. Pednekar



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About Healix



Healis Sekhsaria Institute for Public Health is a Non-profit Organization that aims to advance public health in India by undertaking timely high quality population based epidemiological research since 2004. Since its inception the organization is committed to improving the public health in India and in other LMIC countries addressing important public health questions and facilitating and guiding the translation of research findings into policies/programs at national level. It is among the few institutes that are solely dedicated to public health research in India.

The Institute was registered on April 29, 2005 under section 25 of the Companies Act, 1956 [corresponding to section 8 of the Companies Act, 2013 ('the Act')] as a company limited by guarantee and not having a share capital. The Institute is registered under section 12A of the Income Tax Act, 1961 vide Registration No. 39490 dated July 25, 2005.

Healis Vision

“To make difference globally in public health through excellence in Research, Learning, Teaching and Capacity building”

Goals and Objectives

- ✦ To undertake timely, quality, and population-based epidemiological research that addresses important public health issues.
- ✦ To facilitate the translation of research findings into policies and programs at national and international levels



About Healis

Healis works in collaboration with leading National and International Health and Research organizations. Heal is operating from the premises of its own situated at MIDC, Mahape, Navi Mumbai since January 2015.

Registrations & Recognitions

Institutional Ethics Committee (IEC) is registered with National Institutes of Health and has Federal Wide Assurance (FWA).

Healis recognition as a Scientific and Industrial Research and Development Organization (SIRO) by Department of Science and Technology, Ministry of Science and Technology. For CSR recognition, Heal is also empanelled with the Tata Institute of Social Sciences CSR Hub and Guide Star India.

Donation

Healis is registered U/S.80-G(5)(i)(a). Also have Permanent Registration of FCRA Act 1976 since April' 2009 vide registration No.083781138

Abbreviations

ACC	Asia Cohort Consortium
ACTREC	Advanced Centre for Treatment, Research and Education in Cancer
ASPH	Arnold School of Public Health
CDC	Centers for Disease Control and Prevention, USA
CFI	Cancer Foundation of India
CGHR	Center for Global Health Research
COTPA	Cigarettes and Other Tobacco Products Act, 2003
CTFK	Campaign for Tobacco Free Kids
DFCI	Dana Farber Cancer Institute, Boston, USA
DGHS	Directorate General of Health Services
FDA	Food and Drug Administration
FSSA	Food Safety and Standard Act
FWA	Federal Wide Assurance
GATS	Global Adult Tobacco Survey
GBD	Global Burden of Disease
GOI	Government of India
GSPS	Global School Personnel Survey
GTSS	Global Tobacco Surveillance System
GYTS	Global Youth Tobacco Survey
HSPH	Harvard School of Public Health
IARC	International Agency for Research on Cancer
ICMR	Indian Council of Medical Research
ITC	International Tobacco Control Project
IUATLD	International Union Against Tuberculosis and Lung Disease



Abbreviations

MCGM	Municipal Corporation of Greater Mumbai
MLA	Member of Legislative Assembly
MMC	Mumbai Municipal Corporation
MOHFW	Ministry of Health and Family Welfare
TCP	(International) Tobacco Control Project,
India	
TIFR	Tata Institute of Fundamental Research
TMH	Tata Memorial Hospital
VoTV	Voice of Tobacco Victims
WHO, India	World Health Organization, India Office
WHOSEARO	World Health Organization, South-East
Asia	
MP-VHAI	Madhya Pradesh Voluntary Health
	Association
MWTCS	Mumbai Worksite Tobacco Control Study
NCD	Non Communicable Disease
NCI	National Cancer Institute, USA
NGO	Non Governmental Organization
NIH	National Institutes of Health, USA
NSF	Narotam Sekhsaria Foundation
PHFI	Public Health Foundation of India
SBF	Salaam Bombay Foundation
SEAR	South-East Asian Region (of the WHO)
LMIC	Low Middle Income Countries



Healis Board of Directors

Dr. Prakash C. Gupta

Dr. Prakash C. Gupta is the Director of Healis. He is also an Adjunct Professor, at the Department of Epidemiology and Biostatistics, Arnold School of Public Health, University of South Carolina, USA and Visiting Scientist at the Harvard University, USA. He is a recipient of Luther Terry Award from the American Cancer Society for Exemplary Leadership in Tobacco Control in the category of Outstanding Research Contribution.

Dr. Mangesh S. Pednekar

Dr. Mangesh S. Pednekar is Director of Healis. He is also a visiting Scientist at the Department of Society, Human Development, and Health, Harvard School of Public Health, USA and Visiting Faculty, Tata Institute of Social Science, Mumbai, India. He is also a panel evaluation member of S. P. Jain Institute of Management and Research, Mumbai and guest lecturer at K J Somaiya Institute of Management, Mumbai.

Healis Board

Prof. P. V. S. Rao

Prof. Rao is past President of the Bombay Association for the Science Education, past President and Fellow of the Computer Society of India, Distinguished Fellow of the Institute of Electronics and Telecommunication Engineers, Fellow of the Indian Academy of Sciences, the Indian National Science Academy, and Indian National. He is recipient of the Padma Shri (1987) from the President of India, the Om Prakash Bhasin Award (Electronics and Telecommunications 1987), the VASVIK (1987) awards [Electrical and Electronics (combined) for 1985] and the Vikram Sarabhai Research Award (1976).



9 Institutional Ethics Committee

Healis Institutional Ethics Committee (IEC) consists of 12 members, out of which nine are external members and three are from Healis. The committee is multidisciplinary and multi-sectoral in composition as per NIH and ICMR guidelines and maintains gender equity. This body has two functions, one is to assess the compliance of the research proposals with the protection of human subjects' guidelines and the other is to assess the scientific value of the studies.

The Chairperson of the Committee, a basic medical scientist, with many years of scientific experience, is from outside the Institution so that the independence of the Committee is maintained. Other members are a mix of medical / non-medical, scientific and non-scientific persons including a housewife to reflect differing viewpoints. The Committee is highly qualified, through the experience and expertise of its members, and the diversity of its member backgrounds, to foster respect for its advice and counsel in safeguarding the rights and welfare of human subjects in research.



Institutional Ethics Committee

List of Members during 2020-2021

- 1. Dr. Daniel Joseph, Chairman, Professor, MUHS*
- 2. Dr. Pankaj Chaturvedi, Oncosurgeon, TMH*
- 3. Dr. Prakash C. Gupta, Epidemiologist, Healix*
- 4. Dr. Mangesh S Pednekar, Epidemiologist, Healix*
- 5. Ms. Farida Poonawala Tata, Advocate*
- 6. Ms. Cecily Ray, Epidemiologist, Healix*
- 7. Ms. Manorama Agarwal, Housewife*
- 8. Ms. Tshering Bhutia, Social Scientist, SBF*
- 9. Dr. Rajendra Agarkar Medical Scientist*
- 10. Dr. Sabita M. Ram, Dentist, Dean, MGM*
- 11. Dr. Sharmila Pimple, Professor, TMH*
- 12. Dr. Raju Jotkar, Medical Scientist*



International Collaborators

Healis work is carried out in collaboration with leading national and international organizations leading to publications in peer-reviewed journals and resulting in key policy level actions to improve public health, epidemiological research, tobacco control and dissemination and capacity building.

April 2020- March 2021

1. [Harvard School of Public Health Boston, DFCI , USA](#)
2. [University of Michigan, USA \(UM\)](#)
3. [University of Waterloo, Canada](#)
4. [University of Minnesota Cancer Center, USA](#)
5. [Arnold school of Public Health, University of South Carolina, USA](#)
6. [Center for Global Health Research, University of Toronto, Canada](#)
7. [Campaign for Tobacco Free Kids, USA](#)
8. [American Cancer Society, Atlanta, USA](#)
9. [National Cancer Institute, Bethesda, Maryland, USA](#)



International Collaborators

10. Centers For Disease Control and Prevention, CDC Atlanta, USA
11. Roswell Park Cancer Institute USA
12. International Union Against Tuberculosis and Lung Disease (The Union)
13. Tobacco Free Initiative, WHO, Geneva, Switzerland
14. International Agency for Research on cancer, Lyon, France
15. Bloomberg School of Public Health, Johns Hopkins University, USA
16. University of Toronto, Canada
17. WHO, SEARO, New Delhi, India
18. World Lung Foundation, USA
19. Institute for Community Research Hartford, CT.



National Collaborators



● April 2020- March 2021

1. Ministry of Health and Family Welfare, Government of India
2. Indian Council of Medical Research
3. Office of Registrar General of India.
4. The Government of Maharashtra
5. Tata Memorial Hospital (TMH)
6. Advanced Center for Treatment, Research and Education in Cancer, (ACTREC)Navi Mumbai
7. Action Council against Tobacco – India (ACT- India)
8. Municipal Corporation of Greater Mumbai, Mumbai
9. Narotam Sekhsaria Foundation (NSF)
10. Salaam Bombay Foundation (SBF)
11. Voluntary Health Association of India (MP)

National Collaborators

- I2. Hriday, New Delhi
- I3. National Cancer Registry Programme (ICMR)
- I4. Mumbai Cancer Registry, Mumbai
- I5. Birla Institute of Science and Technology
- I6. Vital Strategies, India



Recent Collaborations

- Recognition of Healix as training institute affiliated with 'WHO Collaboration Centre for Research in Surgical Care Delivery in LMICs
- Established Collaboration MIT World Peace University, Pune

Project Updates

● Project in Ongoing stage

I. Longitudinal Study of Adolescent Tobacco Use and Tobacco Control Policy in India (IPACTS)

Background:

Study of Community Tobacco Environmental Factors and Adolescent Tobacco Use: Mumbai Student Tobacco Survey. Cross sectional study conducted in Mumbai using population based survey of students and GIS data collection of schools, tobacco vendors and advertisements.

Provides foundation for research as students reported high exposure to tobacco advertisements, and half of the tobacco users reported obtaining tobacco from vendors

Type of Study: Cohort study

Project Timeline: August 2016- December 2021

Research Design: The research will be conducted in two geographically dispersed Indian cities Mumbai and Kolkata to reflect the diversity in tobacco use, tobacco control policy implementation, socioeconomic status and cultural factors. The main aim of this study is to prospectively measure Community Tobacco Environmental (CTE) factors (i.e., objective assessments of community level compliance with tobacco control laws, availability of all forms of tobacco products including gutkha and e- cigarettes, and the presence of tobacco vendors and advertisements). Also, to study the CTE factor is longitudinally associated with adolescent tobacco use initiation and trajectories. This study will contribute substantially to research on tobacco control policy implementation and the influence of policies on adolescent tobacco use, a behavioral cancer risk of immense concern globally.

Expected Outcome and measure:

To identify the social determinants of tobacco, use that include the analysis of policy, community and family factors and the GIS data on the location of tobacco vendors and POS policy compliance

Current Updates:

A. Wave 2 updates

- Wave 2 data collection update-
 - In Mumbai we have stopped the data collection for Wave 2 on March 11, 2020 and in Kolkata it was closed on June 30, 2020.
 - We are able to follow-up the following eligible adolescent and their main caregiver from both studies:
- Data collection update:

City	Overall Sample	Contacted successfully Households	Follow- up completed
Mumbai	944	941	831
Kolkata	1038	926	906

B. Wave 3 updates

- Wave-3 Training
 - We have conducted 3 days training workshop for Mumbai from Sep 28 -30, 2020 and in Kolkata the training was conducted Nov 05-08, 2020.
 - Second training for new recruitments was completed from 28 Jan, 2021 to 1 Feb, 2021.
- Data collection
 - The telephonic data collection started on from Oct 10, 2020 in Mumbai and in Kolkata on Nov 21, 2020.

Data collection	Mumbai (Oct 10, 2020 to March 10, 2021)	Kolkata (Nov 21, 2020 to March 10, 2021)
Total Household's	944	1010
Total households Approached	874	820
Contact Successfully	874	820
Interviewed	210	385
Parent Interviewed-Incomplete	24	02
Adolescent Interviewed-Incomplete	15	01
Response Rate	24.08%	46.95%

2. Disseminating an evidence-based tobacco control intervention for School Teachers in India

Background:

Dissemination of tobacco control intervention program implemented through Bihar School Teachers Survey (BSTS): “*Tobacco Free Teachers- Tobacco Free Society*”, Tested in Bihar and pilot tested in Mumbai schools, Plan to disseminate in the state of Bihar.

Type of Study: Intervention Dissemination

Project Timeline: December 2016- November 2021

Research design: Determine the feasibility of building the capacity of cluster coordinators to train and support principals in program implementation and maintenance in schools, and for the DoE to sustain the program. Determine the direct financial costs of program implementation and maintenance.

Expected outcome and measures

Demonstration of the feasibility of implementation and the effectiveness of the TFT-TFS program within the infrastructure of the Bihar DoE. To better understand the implementation process and to identify factors that need to be taken into account as evidence-based interventions are taken to scale.

Current update:

- We are working on the data analysis from the gathered data points throughout the program implementation.
- A district workshop was conducted in Nalanda district for district wide dissemination of the program.
- An online statewide workshop with all district representatives was conducted for dissemination of the program throughout Bihar.



3. Tobacco Control Policy Evaluation India Project (TCP) Wave 3

Background:

The International Tobacco Control (ITC) Project is a multi-country prospective cohort study designed to measure the psychosocial and behavioral impact of key policies of the World Health Organization (WHO) Framework Convention on Tobacco Control (FCTC).

To evaluate the effect of the FCTC, the ITC Project is conducting parallel prospective cohort surveys with adult smokers in 21 other countries— Canada, United States, Australia, United Kingdom, Ireland, Thailand, Malaysia, South Korea, China, New Zealand, Mexico, Uruguay, Germany, France, the Netherlands, Brazil, Bangladesh, Mauritius, Bhutan, Kenya, and Zambia. Half of the ITC countries represent high income countries and the other half low-and middle-income countries.

As a part of the ITC project, the Tobacco Control Policy (TCP) India Survey is being conducted by Healis-Sekhsaria Institute for

Public Health in India in collaboration with the University of Waterloo in Canada and the Roswell Park Cancer Institute, USA.

Type of Study: cohort Study

Project Timeline: Feb 2017- Oct 2019

Objective: The broad objective of TCP India Project is to evaluate and understand the impact of tobacco control policies of the Framework Convention on Tobacco Control (FCTC) as they are implemented in low and middle income countries (LMICs) participating in the International Tobacco Control Policy Evaluation Project (the ITC Project).

The objectives of the TCP India Survey are:

- To examine the change in prevalence and tobacco use behavior in India.
- To examine the impact of specific tobacco control policies implemented in India during the next 5 years.
- To compare smoking behavior and the impact of policies between India and other ITC countries.

Current Status:

- Data collection update in all four states:
- We have completed data collection in four states – Bihar, Madhya Pradesh and Maharashtra and West Bengal.
- The final count till date:

State	Tobacco User	Tobacco Non User	Total
Bihar	2013	604	2617
Madhya Pradesh	2010	604	2614
West Bengal	2017	615	2632
Maharashtra	2021	602	2623

- Error rectification for all states is completed.
- Finalization of data base for states is in process.

4. Measurement of the effectiveness of a worksite multi-component canteen and behavioural intervention on cardio metabolic risks in India.

Rational: CVD is the leading cause of morbidity, mortality, and disability in South Asia, where 20% of the world's population resides. Asian Indians have high rates of diabetes, prediabetes and cardio metabolic risk factors which is also affecting India acutely. There is robust evidence that lifestyle change, particularly weight loss, increasing physical activity, and improving diet quality can prevent or delay diabetes and reduce cardio metabolic risk factors such as elevated glucose, plasma lipids, and blood pressure. Use of lifestyle intervention to prevent hypertension and diabetes and to improve glucose tolerance, their translation in real world settings has been challenging. Worksite-based health interventions have shown positive impacts on employees and worksites. However, the range and scope of the interventions adopted will largely depend on the feasibility and acceptability of the interventions and the ease of the implementation at each worksite, based on resources available and the support thereof.

Research Objective:

AIM 1. To facilitate the adaption and implementation of an existing evidence-based

canteen intervention to increase healthy eating habits at a worksite canteen environment.

AIM 2. To measure the effectiveness of a multi-component worksite intervention to reduce Cardio-metabolic risk.

Type of Study: Behavioral Qualitative cohort study

Project Timeline: June 2019- March 2022

Expected Outcome:

The primary outcome will be the proportion of individuals reaching two or more of their cardio-metabolic risk goals, namely reductions in blood pressure, triglycerides, and HbA1c. Participants will be scored on the number of risk factors they improve (0-3) as defined by decreases in (1) HbA1c $\geq 0.5\%$; (2) systolic blood pressure ≥ 5 mm Hg; or plasma triglycerides ≥ 10 mg/dl.

These outcomes were selected because blood pressure, HbA1c, and triglycerides are commonly measured in clinical settings, which makes their use clinically-appropriate and translatable, and because other CVD risk scores, for example the Framingham Risk Score, do not perform well in South Asian populations. Moreover, the composite outcome allows for individuals to reduce different factors based on their variable risk profiles at baseline

Current Updates:

- Developed the study related instruments in 3 languages (Marathi, English and Hindi.
- The instruments such as Body fat analyser, blood pressure monitor are been procured.
- The canteen observation is done.

Canteen Intervention checklist is implemented

Activity	Details/Numbers	Status
Focus Group Discussion	3	Completed
Blood sample collection	472	In progress
Blood pressure measurement	381	In progress
Data collection, Eligibility Criteria, IDRS	414	In progress



5. Analytical capacity building for the study of tobacco carcinogen exposures in India

Research Design: The goal of our proposal is to investigate the relationship between carcinogen content in smokeless tobacco (SLT) products and relevant exposures as well as oral/head and neck cancer (OHNC) risk in users of these products, while concurrently building capacity for a sustainable tobacco carcinogenesis research program in India. We will focus on the tobacco-specific nitrosamines N'-nitrosonornicotine (NNN) and 4(methylnitrosamino)-1-(3-pyridyl)-1-butanone (NNK).

Type of Study: cohort Study

Project Timeline: July 2017- July 2022

Research Objectives:

- (i) To determine the variation of NNN and NNK in SLT products currently available in Mumbai.
- (ii) To examine the relationship between NNN and NNK levels in SLT products and the levels of corresponding biomarkers in users of these products.
- (iii) To compare levels of urinary NNN and NNK biomarkers between SLT users with and without OHNC.

Rationale: (including that for undertaking human subject research in the light of existing knowledge): Indians develop oral/head and

neck cancers (OHNC, includes oral cavity, lip, pharynx) at the very high rate of 20 cases per 100,000 per year; this results in an estimated 70,000 deaths per year, making India the worldwide epicenter of OHNC mortality. Therefore, India serves as a unique setting for such studies and more importantly, it is an area of critical need. This study will incorporate capacity building activities that include the development of analytical laboratory resources, training of young investigators from Mumbai in tobacco research and relevant procedures, and establishment of tobacco product and bio specimen repositories for future research.

Subject Recruitment Procedures: The recruitment for Aims 2 and 3 will be carried out in a combined effort at TMH. For Aim 2, the 300 cancer-free SLT users will be recruited among persons accompanying cancer patients to the clinic. We anticipate recruiting at least 100 such SLT users per year. Since OHNC patients in Aim 3 will be included independent of the type of SLT product they use, their recruitment will start in Year 1. Enroll 40-50 patients per year is expected.

Updates:

- Currently in the process of transferring patient product samples from TMH to Healis and from Healis to ACTREC for data analysis.
- Additionally, we are in process for creating a web portal to be hosted by Healis, which will display all necessary project information.

Project with ongoing data analysis

6. Asia Cohort Consortium Projects

Background:

The Asia Cohort Consortium (ACC) is a collaborative effort seeking to understand the relationship between genetics, environmental exposures, and the etiology of disease through the establishment of a cohort of at least one million healthy people around the world. The countries involved include China, India, Japan, Korea, Malaysia, Singapore, Taiwan, the United States, and few others. The Investigators from these countries meet on a biannual basis to report on the progress of each country's cohort, to discuss issues relevant to the development of common protocol guidelines, and to prepare for collaborative projects.

The collaboration involves seeking partners among existing cohorts across Asia to facilitate the exploration of specific research questions that need specific answers. Mumbai Cohort study data is a part of this Consortium. The study on BMI was completed and a paper has been published on relationship between body mass index and pancreatic cancer-No significant association was found.

Current Progress:

Data analysis is going on.

7. Mumbai Cohort Study (MCS)-2nd Follow Up

Background:

The Mumbai Cohort Study is a prospective cohort study following around 1, 48,000 individuals from Mumbai. The study has been conducted in two phases with phase one following 100,000 individuals, both men and women, and phase two following 48,000 men. By 2008, two follow-ups were completed for phase one individuals. For phase two, the first follow-up was completed in 2003 and the second follow-up for 48,000 individuals is currently in

process of being completed.

Objectives:

The objective of this study is to study mortality associated with tobacco and alcohol use.

Current Progress:

Data analysis is going on

Projects submitted to various funding agencies

1. **Title:** Developing a Behavior Change Intervention Model Using a Formative Research Design to Increase the Adherence of IFA and Calcium Supplementation in Gujarat and Madhya Pradesh, India

Funding agency: Nutrition International

Current status: Submitted

2. **Title:** Control of Multiple Cancer Risk Factors through a School-Based Intervention for Teachers of Maharashtra

Funding agency: GACD ICMR

Current status: Submitted

3. The CARE (Comprehensive, Affordable, Reliable and Effective) Program for Mental Health among the tribal women in Palghar district, India to advance the Sustainable Development Goal (SDG-3.4)

Funding agency: HCL

Current status: Submitted

4. **Title:** Understanding the barriers and facilitators to provision of family planning services for young and low parity couples in NE states of India: a mixed methods study

Funding agency: JHPIEGO-India

Current status: Submitted

5. **Title:** To evaluate the effectiveness of text warning on areca nut products compare to pictorial warning on smokeless tobacco products.

Funding agency: JHPIEGO-India

Current status: Waiting for funds transfer



Publications (April 2020-2021)

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3. Local Burden of Disease Diarrhoea Collaborators. Mapping geographical inequalities in childhood diarrhoeal morbidity and mortality in low-income and middle-income countries, 2000-17: analysis for the Global Burden of Disease Study 2017. *Lancet.* 2020 Jun 6;395(10239):1779-1801. doi: 10.1016/S0140-6736(20)30114-8. Epub 2020 May 6. Erratum in: *Lancet.* 2020 Jul 25;396(10246):238. Erratum in: *Lancet.* 2020 Jun 6;395(10239):1762. PMID: 32513411; PMCID: PMC7314599.
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 9. Adhikari K, Pednekar MS et al. Observed Circumvention of the Gutka Smokeless Tobacco Ban in Mumbai, India. *September 2020 Tobacco Regulatory Science* 6(5):331-335 DOI: 10.18001/TRS.6.5.3
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Healis Activities



➤ Diwali Celebration

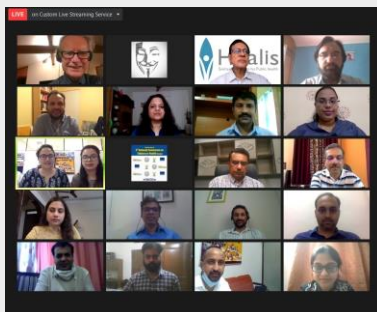
We celebrated Diwali function with great joy and ensured to follow the COVID protocol in the office. Several fun activities, time management activities were conducted on this day.



➤ Symposium

I. Healis presented a symposium in the 4th National Conference on Tobacco and Health organized by PGIMER Chandigarh. The symposium was based on results from an ongoing project titled “Longitudinal Study of Adolescent Tobacco Use and Tobacco Control Policy in India (IPACTS)”. Presentation topics are presented below:

1. Baseline results from a longitudinal study of adolescent tobacco use in Mumbai and Kolkata
2. Community density of tobacco vendors and psychosocial risk of tobacco use during early adolescence in Mumbai and Kolkata
3. Compliance with point-of-sale laws and smoke free laws in Mumbai and Kolkata
4. Are adolescent resilience, family and school factors associated with adolescent intention to use tobacco in Mumbai and Kolkata
5. Religiosity, gender and adolescent intention to use tobacco in Mumbai and Kolkata
6. Association between tobacco use and Body Mass Index among adolescents and their main caregivers in Mumbai and Kolkata, India Awareness and use of e-Cigarette among children and their adult caregivers in two cities of India before the ban



- Healix participated as a scientific knowledge partner for the 1st International Healthcare Management Conference organized by Somaiya Institute of Management in two phases one on 9th January, 2021 and another on March 27, 2021. The theme of the conference was “Future of Healthcare Post COVID-19”. In the second phase Healix presented a symposium Chaired Dr.Mangesh S. Pednekar and Co-Chaired by Dr. Prema Basargekar.

Title of the presentations for the symposium are as follows:

1. Adolescent tobacco use estimates from the Global Youth Tobacco Survey, India: Tobacco a risk factor for future spread of COVID 19. Presenter: Dr.Khushbu Sharma
2. Dual impact of comorbidities and symptoms of coronavirus on mental health during COVID-19 pandemic among males and females in Indian: Online cross sectional study Presenter: Dr. Namrata Puntambekar
3. Effects of eating habits and lifestyle changes during the COVID-19 lockdown on mental health: A web-based cross sectional study in Indian population. Presenter: Mrs. Ashwini Kanade
4. Stress and Coping during Covid-19: A perspective on Stress Management during the Pandemic. Presenter: Ms. Keyuri Adhikari

➤ **Other Activities**

- Dr. Pednekar has signed agreement as ‘Section Editor’ with Hindawi Limited.
- Dr. Gupta was invited as ‘Resource Person’ in the webinar entitled ‘Tobacco-Nicotine use and Corona Virus Disease’ on April 23, 2020 at Strategic Institute for Public Health Education and Research (SIPHER).
- Dr. Gupta was invited as Chair of Session for virtual “National Summit on WNTD 2020” on May 29th, 2020 by Resource Centre for Tobacco Control (E-RCTC), PGIMER Chandigarh.
- Dr. Pednekar accepted to be a part of the evaluation panel for PGDM DoCC Social Project 2020 at S.P. Jain Institute of Management and Research.
- Dr. Gupta was the Guest of Honour for the release of the annual report of SIPHER on 1st July, 2020.
- Dr. Pednekar renewed his appointment as Visiting Scientist in the Department of Social and Behavioral Sciences at the Harvard T.H. Chan School of Public Health for the period July 1, 2020, through June 30, 2021.
- Dr. Gupta participated in the Research Area Panel (RAP) for cancer meeting which was scheduled on 6th October 2020 from 10.30 AM to 1.30 PM via web conferencing.
- Dr. Gupta received an invitation as Guest of Honour for “8th National Workshop on Implementation of MPOWER Policy in India” on 29 to 31 October 2020.

- Dr. Pednekar attended the e-Release of report on 'The State of Health in Mumbai, 2020 conducted by Praja Foundation.
- Dr. Gupta participated in the National Consultation (Virtual) On Tobacco Product Waste and Its Health and Environmental Impact conducted on Nov 01, 2020 organized by SIPHER.
- Dr. Gupta reviewed the course material for 'Training and Capacity Building mechanism on Cancer Epidemiology and Surveillance' for ICMR-NCDIR.
- Dr. Pednekar's name has been added in the Thorax Journal as a 'reviewer'.
- Dr. Gupta was invited as panelist in a "A Virtual Dialogue in Support of amendments in COTPA Act 2003: Need of the hour" organized by E-Resource Centre for Tobacco Control (E-RCTC) under Department of Community Medicine & School of Public Health, PGIMER Chandigarh, and The Union South-East Asia (The Union) in collaboration with Strategic Institute for Public Health and Research (SIPHER), Association of Professional Social Workers & Development Practitioners (APSWDP) and Integrated Association of Medical, Basic and Social Scientists (IAMBSS) held on 29th January, 2021 | 14.30 Hours to 16.00 Hours.
- Dr. Gupta attended a meeting on 'Scoping meeting for Handbook Volume 19: Oral Cancer Prevention' in regards with the Volume 19 of the IARC Handbooks of Cancer Prevention, on Oral Cancer Prevention conducted by The International Agency for Research on Cancer (IARC) from Tuesday 23 February to Friday 26 February 2021

- Dr. Pednekar was appointed as visiting faculty for the course PGDM (HCM) 2019-21 Trimester VI and conducted lecture (15 hrs) for Sustainable Healthcare (WHO), K. J. Somaiya Institute of Management.
- Dr. Gupta attended 3rd Planning Meeting regarding 5th National Conference on Tobacco or Health (NCTOH) on 18th February 2021 – 12.00 to 1.00 pm at ZOOM meeting platform.

Healis Team

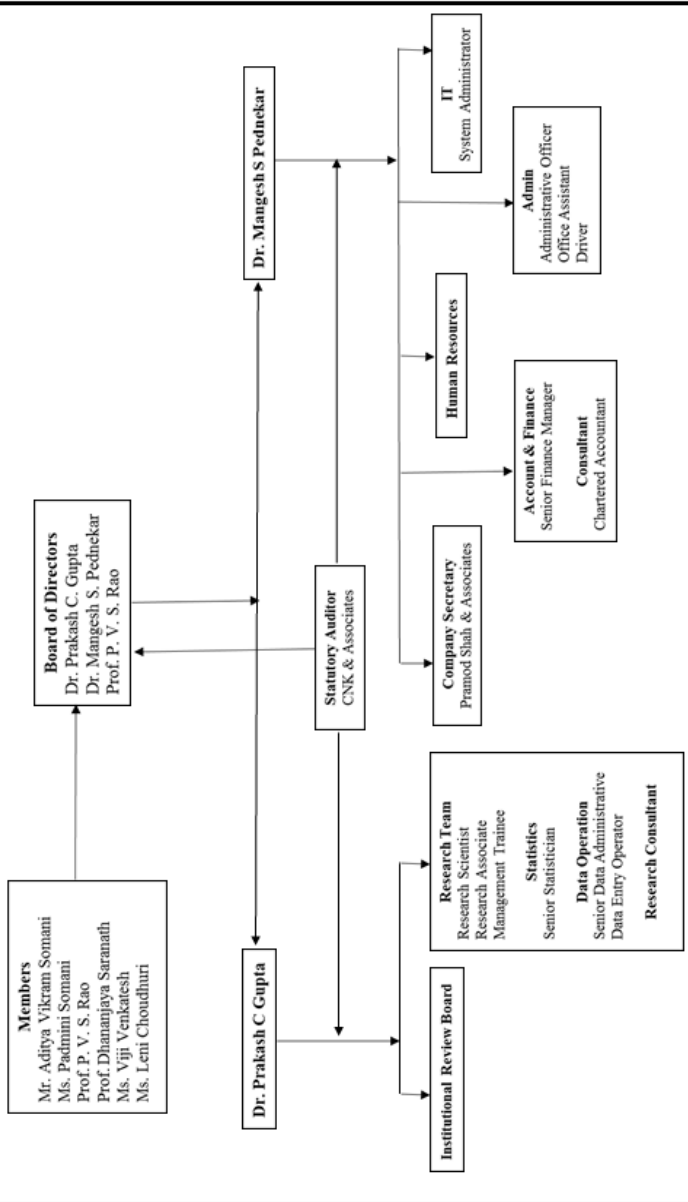
Our Research Team comprises of Masters and Doctoral from diverse background with expertise in areas like

- Epidemiological Research
- Applied Statistics and Statistical tools
- Health Outcomes and Socio-economic sciences
- Public Health Dentistry,
- Nutritionist and to name a few...

Our field staff comprises of trained field investigators with an experience of 15+ years with expertise in conducting House to house, Worksite, Community, School based surveys and many more...

We also have highly trained and qualified support staff for smooth day to day functioning.

ORGANIZATIONAL STRUCTURE



Statutory Compliance

A policy on Sexual Harassment Prevention and Redressal Guidelines is in place to ensure that the governance standards are met.

No complaints in the given category were received during the Financial Year 2020-21.

Thank You

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Team Healis

