

Foundation of Healthcare Technologies Society  
321, 322, 323 Somdutt Chamber-2, Bhikaji cama place, New Delhi-110066  
Phone 91- 8288004611/ 91- 8447292004 Website: fhhs.ac.in  
Registration No.: S/877/SDM/NW/2012



# Foundation of Healthcare Technologies Society

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## SWASTHYA PAHAL REPORT

## 2022

Date: 09/11/2022

Place: Ambedkar Camp, Trilok Puri, New Delhi | Time: 11:00 am to 03:30 pm

## SWASTHYA PAHAL (Health for all)

Swasthya Pahal (Health for all) is an interactive, innovative, technology-enabled, SMAART (Sustainable, Multi-Sectoral, Accessible, Affordable, Reimbursable and Tailored) initiative. It utilizes a touch screen, computer-enabled, SMAART Portable Health Information Kiosk (PHIK) to enhance self-management of non-communicable diseases among individuals at risk of metabolic syndrome (including diabetes, hypertension, high cholesterol and obesity). SMAART PHIK is implemented through a series of health care camps held across urban, urban slums, and rural/tribal settings in India.

### Objectives

- To integrate clinical and non-clinical data sources by combining principles of Information and Communication Technology (ICTs) to enhance population health outcomes across diverse geographic settings.
- To utilize the PHIK as a tool to assess the burden of chronic diseases and associated risk factors in diverse settings such as urban, urban slums, and rural/tribal settings in India.

### Details

**Date:** 9<sup>th</sup> November 2022

**Venue:** Ambedkar Camp, Trilok Puri, New Delhi

**Start time:** 11:00 AM

**End time:** 03:30 PM

**Objective:** To screen obesity, diabetes, and hypertension among participants for improved disease prevention, monitoring, and self-management of non-communicable diseases (NCDs).

**Number of beneficiaries:** 44

**Team Members:** Dr. Almas, Mamta, Kushwaha, Mansi Shukla, Sakshi Trikha, Sushmi Wilson and Suraj Manjhi

**Table 1: Execution of Swasthya Pahal**

<b>Components of the camp</b>	<b>Details</b>	<b>Material and methods used</b>
Registration	<ul style="list-style-type: none"> <li>Collection of information from the participants such as name, age, phone number and address.</li> </ul>	Receipt booklet
Measurement of height and weight	<ul style="list-style-type: none"> <li>Height and weight were measured using standard procedures and protocols.</li> </ul>	Digital weighing machine, stadiometer
Measurement of blood pressure and sugar	<ul style="list-style-type: none"> <li>Blood pressure and blood sugar were measured using standard procedures and protocols.</li> </ul>	Digital machines for measuring blood pressure and blood sugar, lancet, strips, cotton swabs, spirit
Portable Health Information Kiosk (PHIK)	<ul style="list-style-type: none"> <li>Collection of data from the participants pertaining to their socio-demographic profile, medical history, physical activity and alcohol and smoking consumption pattern.</li> <li>Assessment of risk factors based on the information collected.</li> </ul>	Laptop (touchscreen)
Nutrition counselling	<ul style="list-style-type: none"> <li>Based on the assessment report generated by PHIK, participants were provided individualized diet and nutrition counselling to prevent and manage non-communicable diseases including hypertension, diabetes and overweight and obesity.</li> <li>They were counselled about healthy dietary habits, healthy snacking options, good dietary behaviours, meal patterns and importance of physical activity.</li> </ul>	Personalised nutrition and lifestyle counselling
Photographs	<ul style="list-style-type: none"> <li>Clicking pictures of the event.</li> </ul>	Camera

**Table 2: Health status of beneficiaries screened (n=44)**

<b>Health conditions screened</b>	<b>Number of participants with the condition (n)</b>
Prehypertension/ Hypertension (blood pressure $\geq 120/80$ mmHg)	30
High Random Blood Sugar ( $\geq 140$ mg/dL)	21
Overweight/obese (Body Mass Index $\geq 25$ kg/m <sup>2</sup> )	36
Regular physical activity ( $>4$ times/week)	14

### **Observations**

A total of 44 beneficiaries (25 females and 19 males) attended the Swasthya Pahal camp organised on 9<sup>th</sup> November 2022 at Ambedkar Camp, Trilok Puri, New Delhi. Out of forty-four beneficiaries, two-third of beneficiaries (n=30) had higher blood pressure than normal i.e.  $>120/80$  mmHg. Half of them (n=21) had high random sugar. Majority of them (n=36) were found to be overweight/obese. Only one-third of them (n=14) were engaged in regular physical activity.

### **Additional Comments**

- Beneficiaries were not much aware about of healthy eating habits.
- Many beneficiaries were not aware about their health condition.
- Beneficiaries were very happy with our initiative and said “This is a unique healthcare program they have been ever part of”.

**Number of beneficiaries enrolled in follow up counselling program:** Three-fourth of the participants (n=34) expressed their interest to receive informative messages for diet and lifestyle management. Out of these thirty-four, majority opted to receive messages on a weekly basis (n=26) whereas a few opted to receive messages on a daily basis (n=8).

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## Photo Gallery



Picture 1: Anthropometric Measurement



Picture 2: Measurement of blood glucose



Picture 3: Information of beneficiary being entered in PHIK



Picture 4: Diet counselling

## List of Abbreviations

S. No.	Abbreviation	
1.	<b>ICT</b>	Information Communication Technology
2.	<b>MetS</b>	Metabolic Syndrome
3.	<b>NCD</b>	Non-Communicable Diseases
4.	<b>PHIK</b>	Portable Health Information Kiosk
5.	<b>RISE</b>	Research Innovation Skill Entrepreneurship
6.	<b>SMAART</b>	Sustainable Multisectoral Accessible Affordable Reimbursable Tailored

