# IIPHG NEWSLETTER

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Dear Students, Faculty, Well-wishers, and Friends of IIPHG,

I am pleased to present the 8<sup>th</sup> edition of the IIPHG Newsletter, highlighting significant contributions of our faculty members and research staff in advancing public health and hospital administration knowledge and practice. Over the past quarter, our teams have actively engaged in diverse research, capacity-building and policy advocacy endeavours, strengthening our commitment to evidence-based health solutions.

A key highlight of this quarter has been the Health Diplomacy event supported by the Ministry of External Affairs, Government of India. The event was graced by Hon. Chief Minister of Gujarat State, Hon. Health Minister of Gujarat and ambassadors from 9 countries, senior health officials and stakeholders.

We are also proud of our recent collaborations with global and national institutions, including partnerships with WHO, the Ministry of Health and Family Welfare, and various state governments, to implement research-driven health interventions. Additionally, our faculty have contributed to high-impact publications and policy briefs, ensuring that our work informs both academic discourse and real-world policy decisions.

I extend my heartfelt appreciation to our researchers, collaborators, and stakeholders for their unwavering dedication. Your contributions are vital in shaping a healthier and more equitable future.

Warm Regards, Prof. (Dr.) Deepak Saxena

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### A proud moment for IIPHG!

### Prof (Dr.) Deepak Saxena

receives the prestigious 5<sup>th</sup> Dr . B S Sajjan Oration Award on February 2025 at KMC, Mangalore, recognizing remarkable contributions and unwavering dedication to the field of Public Health



### Gujarat Pioneers Healthcare Innovation; Global Health Diplomacy

On 17th January 2025, the Indian Institute of Public Health Gandhinagar (IIPHG) hosted the Dialogue on Health Diplomacy, a landmark event showcasing India's leadership in public health. Hon'ble Chief Minister Shri Bhupendra Patel, along with Hon'ble Health Minister Shri Rushikesh Patel, Shri Dhananjay Dwivedi (IAS, Principal Secretary, Health & Family Welfare, GoG), Shri Rajendra Shukla (IAS, Secretary, Tourism & Civil Aviation, GoG), Prof. Sanjay Zodpey, and Ms. Kajari Biswas (Director, Policy Planning & Research, Ministry of External

Affairs) graced the occasion.

The event highlighted India's pandemic response, vaccine advancements, health tourism, and Gujarat's rise as a tech-driven healthcare hub. A key milestone was the Kunj—a unveiling of Amrut visionary initiative for health innovation hubs. With a strong commitment to innovation and collaboration, Gujarat is reinforcing its role on the global healthcare stage. Together, let's drive progress and build a healthier future!



### NCDArc and UNICEF Collaborate for Pediatric NCDs Roundtable Discussions



NCDArc, in collaboration with UNICEF, has conducted a series of insightful roundtable discussions focusing on key pediatric non-communicable diseases (NCDs) - Sickle Cell Disease (SCD), Type 1 Diabetes (T1D), Congenital and Rheumatic Heart Disease (CHD and RHD). These meetings served as a crucial platform for experts, policymakers, and other stakeholders to engage in comprehensive discussions, addressing challenges, identifying gaps, and exploring actionable solutions for strengthening pediatric NCD

care in Gujarat.

# Strengthening Heat Preparedness in

Yamini Saini, from IIPHG held a virtual IIPHG consultation with the Chairman of Varanasi Defense Council (NRDC) and

### Advancing the Ayodhya City Heat **Action Plan**

On February 12, 2025, a virtual consultation On December 14, 2024, Dr. Deepak Saxena, led by Dr. Yamini Saini, Dr. Sandul Yasobant, Dr. Sandul Yasobant, Dr. Anish Sinha and Dr. Dr. Deepak Saxena, and Dr. Anish Sinha from Ayodhya with the Municipal Municipal Commissioner and the District Surveillance Commissioner of Varanasi and the Vice Officer of the Health Department finalized a Development tripartite MoU between IIPHG, NRDC, and the Authority, along with Natural Resources Ayodhya Municipal Corporation. This initiative Mahila aims to enhance resilience against extreme Housing Trust (MHT) representatives. The heat and protect vulnerable communities. meeting led to the decision to sign an MoU Following this, the Heat Action Plan training to strengthen heat preparedness in the city. was conducted on March 24, 2025.

### Promoting One Health & Biosecurity





IIPHG's initiative has been a milestone in promoting community awareness, biosecurity practices, and the One Health approach by strengthening the detection of high-consequence pathogens through innovative training networks of women veterinarians under COHERD. This effort aims to empower women veterinary health professionals and women farmers in identifying and managing pathogen risks in their daily practices. Key achievements include training 152 women farmers across Gujarat, building the capacity of 41 veterinary health professionals, and developing engaging IEC materials such as the One Health Snake & Ladder Game.

# Nurturing sustainable Green and Climate Resilient Healthcare Facilities (HCFs) in Gujarat

IIPHG conducted a study to assess the current state of healthcare facilities in Gujarat and support their transition into Green and Climate-Resilient Healthcare Facilities. Carried out across 16 facilities in Sabarkantha, Banaskantha, Somnath, Bharuch, and Kutch, the study evaluated carbon emissions, climate vulnerabilities, and financial needs for implementing resilience strategies. Key achievements included identifying climate vulnerabilities and preparedness plans by assessing facility and area-specific climate risks and disaster response strategies in PHCs, CHCs, and SDHs. It also estimated the costs of converting facilities at PHC, CHC, SDH, and DH levels into climate-resilient centers. Additionally, a carbon emission analysis measured annual emissions from each facility, identifying major sources such as electricity, medical equipment, transportation, and waste management to support targeted mitigation strategies.





# REFLECT - trial evaluating the effects of cool roofs on health, environmental and economic outcomes

IIPHG, through its REFLECT initiative, aims to evaluate the effectiveness of cool roof interventions in reducing indoor heat exposure and improving the health and wellbeing of vulnerable urban populations. Focus group discussions were conducted to understand community perceptions of heat, climate change, and the acceptability of cool roofs, along with insights into local housing conditions and preferences. Over a 12-month period, the study will measure health, environmental, and economic outcomes—including heart rate, hydration levels, sleep quality, and heat-related symptoms—across 400 households.



### National Program on Climate Change and Human Health (NPCCHH)

IIPHG conducted the National Program on Climate Change and Human Health (NPCCHH) for Medical Officers from PHCs and CHCs in Sabarkantha on 10th January 2025 at Nagarpalika Town Hall, Khedbrahma. The session empowered participants with essential knowledge on air pollution, heat-related illnesses, green and climate-resilient healthcare facilities, and strategies to tackle climate-sensitive health challenges.



### Case-Control Study: Basics & Beyond





IIPHG hosted a two-day workshop on "Case-Control Study – Basics & Beyond" from 2nd–3rd January 2025 for clinicians from medical colleges across Gujarat. Held at the IIPHG campus, the workshop aimed to simplify research methods and equip participants with practical skills in designing and conducting case-control studies. Key outcomes included training 40 clinicians, transforming theoretical knowledge into real-world research capabilities, and launching the Health Research Series 2025.

### HLEP 3rd Residency: Strengthening Healthcare Leadership

Supported by GoG-NHM and SHSRC Gujarat, the 3rd Residency at IIPHG, Gandhinagar, focused on "Developing External Collaborations." Over six intensive days, 50 senior health leaders from the Government of Gujarat enhanced their skills in negotiation, political relationship management, media engagement, intrateam collaboration, and stakeholder networking.



### HLEP Exposure Visit to Kerala: Strengthening Healthcare Leadership



As part of the HLEP at IIPHG, we successfully concluded an insightful Exposure Visit to Kerala, where 55 government health officials from Gujarat participated in a week-long knowledge exchange. The visit provided an opportunity to explore Kerala's innovative healthcare models, analyze key differences, and enhance policy-making to strengthen program implementation in Gujarat.

### Horizon Scanning Workshop -Advancing One Health Research



Dr. Sandul Yasobant from IIPHG participated as a speaker at the session on "Future One Health Research Needs and Priorities in South & East Asia" held in Putrajaya, Malaysia, organized by Oxford Systematic Reviews LLP and Juno Evidence Alliance. The session featured engaging discussions on shaping regional One Health research priorities, emphasized collaborative strategies global address health challenges, and contributed strengthening to research networks across South and East Asia

# One Health & Climate Change Symposium

Dr. Ravina Tadvi from IIPHG - COHERD spoke on "One Health Surveillance & Cross-Sectoral Collaborations Climate Change" at a session held in Tamil Nadu. Chennai, The addressed the critical link between One Health and climate change, shared valuable insights on disease surveillance and biosecurity, emphasized the importance of crosssectoral collaboration to effectively tackle emerging health threats in a changing climate.



### Strengthening Community Involvement in Global Health

Dr. Sandul Yasobant from IIPHG participated as a speaker and panellist in the PREZODE initiative focused on building sustainable global health strategies. The discussions highlighted the importance of inclusiveness in global health efforts, ensuring equal participation of diverse communities, bridging cultural gaps to enhance collaboration, and leveraging disaggregated data to promote health equity and informed decision-making in global health systems.



### **Heat Nexus Annual Convening**



Dr. Sandul Yasobant from IIPHG, along with global REFLECT investigators, participated in the Heat Nexus Convening held in Cape Town, South Africa, organized by IDS, UK and the Wellcome Trust. The session featured indepth discussions on heat exposure and adaptation techniques, emphasized the importance of global collaborations for mitigating extreme heat, and actively contributed to strengthening the REFLECT-Cool Roof project through shared insights and strategic planning.

### Research Methodology Workshop





Dr. Medha Wadhwa and Dr. Sandul Yasobant from IIPHG conducted a threeday intensive workshop on Research Methodology as part of the MDRU of ICMR-CCoE at SP Medical College. Rajasthan. Organized Bikaner. collaboration with the CCoE, ICMR, New Delhi, the workshop equipped participants with essential skills in research proposal writing, study design, data analysis, and ethical considerations. The event's impact was further recognized through its feature in the local newspaper, emphasizing its contribution to strengthening healthcare research and promoting evidence-based decision-making

### Indo-US Conference on Climate Change Impacts on Occupational and **Environmental Health**

Dr. Sandul Yasobant presented "Transforming Healthcare Facilities for Green & Climate Resilient: Intervention Experiences from Gujarat, India" at the ICMR-National Institute of Occupational Health (NIOH) in Ahmedabad. The session focused identifying gaps in healthcare facilities' preparedness for climatic disasters. disseminating initiatives aligned with global national frameworks to safeguard occupational and environmental health, and fostering collaborations to strengthen the climate resilience of the healthcare system.



### Sathi Mentoring Program: Strengthening Healthcare Leadership







IPHG has launched the "Sathi" Mentoring Program under the IPSI project to enhance primary healthcare service quality in Bhavnagar District. This initiative empowers Subcenter teams.

Under the Sathi Mentoring Program of the IPSI Project at IIPHG, a two-day Training of Mentors was held on 6-7 February 2025 in Bhavnagar. Led by experts from Johns Hopkins University (JHU) and IIPHG, 20 mentors were trained in external communication, team performance measurement, and performance indicators. The workshop also encouraged peer learning and reflection, enhancing mentorship and leadership in healthcare.

### Workshop on NABH- Internal Auditor



The Centre for Quality Improvement and Patient Safety (QUALIPS) in Collaboration with Medigence organised a Workshop on 21st to 23rd March 2025 at IIPHG on NABH Internal Auditor -6<sup>th</sup> Edition Standards & Digital Health Standards. About 50 participants attended the workshop.

### Enhancing Supervision & Analytical Skills of Field Officers in Kutch



IIPHG's CoEN team, in collaboration with the Government of Gujarat, organized a three-day workshop in Kutch district to strengthen the supervision and analytical skills of field officers. The session was graced by the District Development Officer, Regional Deputy Director (Rajkot), Vice Chancellor of Kutch University, Program Officer, and CoEN State Team. Total 61 CDPOs and Supervisors participated in the workshop.

# Understanding Anaemia and malnutrition in adolescent girls and pregnant women: Insights from our Study in Gujarat

Indian Institute of Public Health Gandhinagar and State Health System Resource Centre Gujarat collaboratively conducted a study on anaemia, malnutrition and its correlates among adolescent girls and pregnant women in five districts of Gujarat between June 2024 and January 2025. The study included 764 adolescent girls and 772 pregnant women,

selected through a multistage sampling method. Data collection process included anthropometric measurement, diet diversity score, WASH index, IFA tablet adherence, anthropometric measurements and biochemical analysis of blood. The study was successfully completed and the final report with detailed findings were submitted to the Health & Family Welfare Department, Gujarat.



### IIPHG Supports PM POSHAN Scheme in Mehsana District

IIPHG's Centre of Excellence on Nutrition (CoEN) team visited Untva Anupam Primary School, Kadi, and Kundal Primary School, Kadi in Mehsana District for supportive supervision under the PM POSHAN scheme. This vital initiative provides nutritious meals to primary and upper-primary school children, helping combat malnutrition and ensure healthy growth. IIPHG is proud to support this government program, strengthening health and nutrition across Gujarat.



### IIPHG Assesses PHC Hadiyol for Quality Improvement



Dr. Smita Rani, NQAS External Assessor & Medical Supervisor at IIPHG, conducted a detailed assessment of PHC Hadiyol, Gujarat, evaluating service delivery, infrastructure, infection control, patient care, and data management under NQAS. IIPHG remains dedicated to improving healthcare quality through assessments, technical expertise, and training, ensuring facilities meet national standards for better health outcomes.

### IIPHG Research staff Presented Research Paper

Ms. Aakansha Shukla presented research paper titled "Relationship between Handgrip Strength, Visceral Fat, Cardiovascular Disease Risk, and Glycemic Control in Diabetic Populations: A Cross-Sectional Study" at the World Congress of Diabetes, organized by Diabetes India.

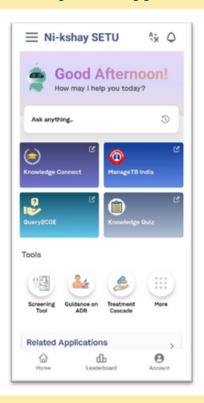


### Advancing TB Care: Launch of the Enhanced Ni-kshay SETU App

At the forefront of TB care and management, IIPHG continues to support the evolution of the Ni-kshay SETU app, which empowers healthcare providers with innovative tools and resources. A newer version of the app has been launched with enhanced features designed to strengthen the capacity of professionals tackling TB.

Key additions include an enhanced knowledge chatbot offering real-time access to updated NTEP guidelines and treatment protocols, a decision support system that aids in selecting appropriate DR-TB regimens through evidence-based recommendations, and interactive quiz-based learning modules for continuous professional development.

The app also offers faster clinical query resolution with expert-reviewed responses and ensures regular updates aligned with the latest NTEP protocols, enabling providers to deliver standardized and effective TB care.



# Ni-kshay SETU recognized in WHO's Digital Health Atlas on Implementome



Ni-kshay SETU is recognized as a Digital Health Project in The Digital Health Atlas, hosted on Implementome, a global repository of digital health projects originally developed by the World Health Organization.

Implementome provides global insights on digital health implementations, fostering evidence-based decision-making and collaboration.

### IIPHG team participates in Early Warning to Early Action Workshop

Dr. Shailee Patil and Dr. Ravina Tadvi from IIPHG participated in the session on "Early Warning to Early Action – A Multi-Hazard, Multi-Stakeholder Approach" at Smritivan Earthquake Museum, Bhuj, Gujarat, on March 25, 2025. The event was hosted by United Nations India and Reliance Foundation.

The session focused on strengthening Early Warning Systems (EWS) and Early Action (EA) through localized, multi-hazard approaches.



### IIPHG launches "Data to Evidence" course

IIPHG has launched "Data to Evidence" course as part of the PRISM program (Promising Researcher Scholarship & Mentorship) in association with Medflix and Pfizer.



### A Continuing Education Program in Healthcare Quality Management launched!



The Centre for Quality Improvement and Patient Safety (QUALIPS), IIPHG launched an Online Certificate Program in Quality Management for Healthcare Professionals on 15th February 2025. This unique course is jointly organized by CAHO and IIPHG with an aim to empower healthcare professionals with the skills to drive quality improvement and patient safety. Total 26 participants across the country registered for the course.

### Talk on the Future of Health Management at PRADANYA 2025 hosted by IIHMR

Dr. Medha Wadhwa, QUALIPS Lead was invited as a panelist in Future of Health Management Education at Pradanya 2025: Global Health Management Research Conference (GHMRC 2025), held at IIHMR University, Jaipur to talk on the role of behavioural science in shaping the next generation of health leaders. By fostering behavioral insights in health leadership, we can ensure better implementation of health policies, hospital administration strategies, and digital health innovations.



IIPHG contributes to thought-provoking discussions on "Advancing Healthcare Quality" during CAHO-Gujarat Quality Conclave 2025 at KD Hospital, Ahmedabad



Key Note Address by Dr. Deepak Saxena



Dr. Apurvakumar Pandya Chairing the Session on Brilliant Failures: Working Together, Failing Together and Learning Together



Dr. Medha Wadhwa Chairing the Session on Governance: The Cornerstone of Healthcare Quality

Prof. (Dr.) Deepak B. Saxena (Director), Dr. Apurvakumar Pandya (Assistant Professor), and Dr. Medha Wadhwa (Assistant Professor) from IIPHG had the privilege to contribute to thought-provoking discussions on "Advancing Healthcare Quality through Innovation, Excellence, and Patient Safety." Prof. (Dr.) Deepask Saxena graced the event as a Key Note Speaker.

### **Student Corner**

#### Achievement at PHASECON!

IIPHG congratulates Mudita Adaniya, MPH (2023-25) student, for her stellar performance at PHASECON, PGIMER Chandigarh. She was awarded Best Speaker, emerged as the Debate Winner, and secured the Runner-up position in the Quiz Competition.

## Placements at IIPHG



# Congratulations to Aakash Jaitly on TAF Fellowship Selection!

IIPHG congratulates Aakash Jaitly, MPH (2023-25), for securing a spot in the prestigious TAF Fellowship Program with Antara Foundation! Wishing him great success as he embarks on this impactful journey in public health.



IIPHG Congratulates Dr. Prayukta Sinha, MPH (2024-26), for securing the 2nd Runner-up position in the Scientific Presentation category at PHASECON 2025, PGIMER Chandigarh!



### Congratulations to Dr. Chetan Talekar on NHSRC Fellowship!

IIPHG congratulates Dr. Chetan Talekar, MPH (2023-25), for securing a spot in the prestigious Fellowship at NHSRC! Wishing him success in this incredible opportunity to contribute to public health.

### Global Heat and Cooling Forum: Advancing Climate Resilience





Dr. Komal Sharma and Dr. Nidhi Bahl, Research Intern at COHERD-IIPHG, participated in the Global Heat and Cooling Forum held on March 17–18, 2025, in New Delhi. Organized by NRDC India, NDMA India, and The World Bank, the forum convened global experts to address pressing challenges related to climate change, extreme heat, and health resilience. Key discussions revolved around the heat-cooling paradox, strengthening Heat Action Plans, urban design and cooling innovations, occupational heat stress and workforce resilience, and financing climate adaptation strategies.

### eCourse OHAPP Launched

COHERD-IIPHG launched an eCourse in One Health Approach for Pandemic Preparedness (OHAPP) on March 15. This three-month online program equips professionals with essential skills in zoonotic diseases, antimicrobial resistance, biosecurity, and global health security. Join us in strengthening pandemic preparedness.

Register: https://cdl.phfi.org/portal/node/365



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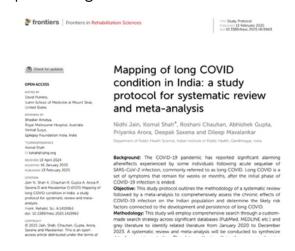
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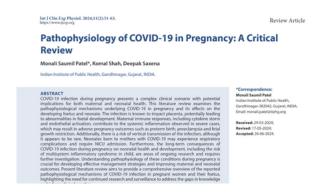
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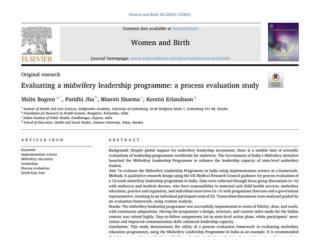
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**Discover** Health Systems A policy analysis of quality-of-care policy of Gujarat state, India Abstract

Background Ensuring high-quality healthcare services is crucial. In low- and middle-income countries, poor-quality is estimated to cause \$7 to 8.4 million deaths annually, accounting for approximately 15% of all deaths. Also, it become without quality healthcare services. In this context, the need for impossible to achieve the desired health outcome without quality healthcare services. In this context, the need for comprehensive Quality of Care [0.0] popic failprofer to peedife, depophlicits context has been emphasized worlder. This study aimed to analyse the Gujarta Quality of Care Policy to understand and document the policy's developm process, its content, and implementation and implementation of the process of the content is the process of the content is the content in the policy's developm process, its content, and implementation that will include two tracks: (1) A narrative synthesis of QcC Policy analysis to 13. Bogren, M., Jha, P., Sharma, B., & Erlandsson, K. (2025). Evaluating a midwifery leadership programme: a process evaluation study. Women and Birth, 38(1), 101853. https://doi.org/10.1016/j.wombi.2024.101853



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JMIR RESEARCH PROTOCOLS

Digital Health Intervention (SANGYAN Podcast) to Enhance Knowledge Related to COVID-19 and Other Health Conditions: Protocol for an Implementation and Evaluation Study

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Women's Experiences With Maternity Care in **Public and Private Healthcare Facilities in** Western India: A Community-Based Cross-Sectional Study

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#### Abstract

Introduction: Quality improvement interventions for maternal healthcare services are often designed without input from women. Exploring women's childbirth experiences provides a unique understanding of care received in healthcare facilities. This study aimed to investigate women's childbirth experiences in Western India, with an objective to inform the development of woman-centered quality improvement

Methods: Data were collected from 186 postnatal worsen who delivered their babies at public or private healthcare facilities. A standardized tool, adapted from the respectful maternity care (RMC) charter, was used to assess women's experiences of care during childbirth.

research for a cohort study (Preprint). e41175. Research Protocols, 14, e41169. https://doi.org/10.2196/41169

JMIR RESEARCH PROTOCOLS

Protocol

Improving the Health and Well-Being of Individuals by Addressing Social, Economic, and Health Inequities (Healthy Eating Active Living): Protocol for a Cohort Study

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Abstract

Background: Health inequity is interlinked with the good health and well-being of an individual. Health inequity can be due to various socioeconomic factors like income levels or social status. Digital health interventions have the potential to reduce the existing health inequities

Objective: This study aims to identify determinants of social, economic, and health inequity in diverse settings to enhance healthy eating and active living. It further aims to design and develop a digital health intervention HEAL (Healthy Eating Active Living) that incorporates a human-centered design framework in order to improve healthy eating and active living among rural

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### Magazine Articles

1. Wadhwa M, & Pandya A. Tele-Health Sustaining Marketing Strategies: Now or Never, AHMP Ascent, March-25.

Tele-Health Sustaining Marketing Strategies:

Now or Never

Different Strategies for Strengthening Telehealth Services

relehealth Services
Frequent Visite: Video
onsultations by healthcare
roviders can help reach
atlents at their doorstep,
dopting different models,
ncluding hybrid approaches,
an be key to building a stror
onnection with service seek
heas video visits should hav
lear objective and be
tructured to sustain patient

Regardless of the strategies used, the crux remains in being empathetic and understanding the patient's pain—even virtually.

Lessons from Successful Telehealth Providers in India

Successful teleheath providers in India, such as Practo, Mfine, Tata Health, DocsApp (MediBuddy), Imp, Apollo 2417, Portea, Lybrate, Call Health, and Medifie (PharmEasy), have employed various strategies to sustain and grow their services;

Personalisation of services bridges the gap that would otherwise be difficult to address in virtual healthcare.

2. Pandya A, & Wadhwa M. Marketing: How Behavioural Targeting hits the mark in Healthcare campaign. AHMP Ascent, Healthcare Marketing Digest. March-25.

Bullseye Marketing: How Behavioural Targeting Hits the Mark in Healthcare Campaigns

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In today's times, where every individual seeks personalisation and customisation of services according to their needs, imagine a healthcare marketing landscape where you are bombarding everyone with the same message. Instead, you have a direct, personalised conversation with each patient group. This prinpoint accuracy is the magic of behavioural targeting in healthcare campaigns. With the help of behavioural segmentation, according to their segmentation according to their preferences, So let's understand different nuances of behavioural targeting in Marketing.

Behavioural targeting is seen in patients and healthcare providers

by advertising their USDs in the area of newborn vaccination or nutrition. Personalised emails can be sent for a deeper patient engagement, reinforcing an individual to seek the recommended services, And IS's Donell'This can also be used to identify the tone, vocabulary, communication style and demographic information of the users, which can be used to send these personalised messages,

- What are the benefits?

  A The healthcare provider is able to interest the second of th

within the diverse population, hardwards repeting requires an ethical insideration. While behavioural targeting for simmense benefits, it's crucial to incritise data privacy and othical concern answarency in data collection and usage sential. Patients should have control over their data and should be provided opt their data and should be provided opt healthcare marketing should not harm patients by making misleading claims or disseminating misinformation, distinctions and the control of the disseminating misinformation.

## Health Paloozza QUIZ **Edition 8**

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## HEALTH PALOOZZA!



Ms. Riddhi Solanki is the winner of the **Health Palooza for** edition 07 of IIPHG Newsletter.!



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