



Dr. Harsh Shah
MBBS, MD (Community medicine)
Public Health Physician

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Summary

Public Health Doctor with experience in designing Health Policy and Program, creating structure for Planning, Monitoring & Evaluation of Health Program Interventions. Researcher with having numerous research papers published in International and National level Indexed Journals. Teacher with experience in academics of public health institutions, Medical Clinical education. Avid Photographer for Abstract, Landscape and Streets photography. Sportsman by heart - National Player of Table Tennis and cricket player for various Doctor's clubs.

Skill Highlights

- Strategic Planning and Implementation
- Strong decision maker and administrator
- Team Leadership and Communication
- Deep Data Analytics and Documentation
- Resource Mapping and Management
- Service-focused and Innovative

Experience

Faculty | National Coordinator | Indian Institute of Public Health | Oct 2020 – Current. Gandhinagar, Gujarat

A USAID Funded, The Closing the gaps in TB care cascade Project – Demonstrating Quality Interventions cross the TB Care Cascade

- Technical assistance on various Quality interventions which demonstrate the reduction of dropouts of patients under TB Care Cascade Project for Gujarat and Jharkhand. Interventions like Post Treatment Follow up, AI based CXR, Digital Adherence for AKT, Differential Care Model were implemented.
- Developed a mHealth Tool, digital intervention for the National TB Elimination Program Service providers based on different operational guideline and modules ([Ni-kshay Setu](#)).
- Audited 100+ deaths of TB patients, conducted baseline assessment on delays (in time) during TB care cascade (1000+ Pt and 450+ Service providers), participated in development of training modules in coordination with State and Central health Divisions.
- Participated in Health financing studies supported by Department of Health Research under Health Technology Assessment RRC, IIPHG, provided technical support on various project run under IIPHG.
- Teaching of the 200+ Students with topics on Health System, Health Policy, Communicable and Non-Communicable Diseases and Planning of National Health Programs under NHM financial norms.

Senior Consultant - NHM Planning| Department of Health and Family Welfare, Government of Gujarat | Nov 2015 – Oct 2020. Gandhinagar, Gujarat

- Assistance to the Health Department, Gujarat State in development of comprehensive Program Implementation Plan - NHM Gujarat through Strategic Planning exercise.
- Technical support to the NHM Gujarat on Programs Planning and financing of Health Interventions in coordination with health divisions of NHM.
- Analytical support in disease epidemiology, program monitoring and evaluation of the health interventions and Technical Support to National NHM and NHSRC Team for the preparing the NHM Financial proposal Matrix for the States
- Contributed to State Quality Assurance System by assessing more than 50 health facilities through National Quality Assurance Standards.

Experience

- Contributed as core committee member of the State epidemic team with analytical support in “Covid19 pandemic prevention activities” from March 2020 to Oct 2020.
- Led the capacity building team for the preparation of the refresher training module of ASHA. Helped programs improve outreach efforts and results with fresh designs for educational materials and visual aids for RMNCAH+N programs.
- Partnered with various agencies and non-government organizations driving improvements in health interventions and community health research.
- Recruited and hired more than 100 key leadership positions at State and District Health Units to strengthen Program management team.

State RMNCH+A Consultant (UNICEF Supported) | Department of Health and Family Welfare, Government of Gujarat | April 2014 – Nov 2015. Gandhinagar, Gujarat

- Technical assistance in developing the monitoring policy under the Call to Action for RMNCH+A.
- Key contribution in Roll out of 8 Interventions under Maternal and Newborn Action Plan, 2013.
- Provided technical expertise on newborn health for the expansion of Special Newborn Care Units in Gujarat. Team leader for the expansion of newborn care network in Govt Hospitals and Medical Colleges and the team made functional 41 SNCUs from 21.
- Prepared Gujarat State Newborn Action Plan and Contributed to the development of various guidelines on child health including Maternal and Child Death Surveillance System
- Member of National Team for developing the operational guidelines for newborn metabolic disorders' management. Policy was recognised by National Neonatal Forum (NNF) and Indian Paediatric Association (IAP)
- Provided technical expertise in various trainings as a lead trainer of the National Health Programs and guest speakers in soft skills.

Regional Child Survival Officer (UNICEF Supported) | Department of Health and Family Welfare, Government of Gujarat | August 2012 – April 2014. Gujarat

- Led projects and analysed data to identify opportunities for improvement in RMNCH+A intervention in 12 districts of Gujarat with bottle neck analysis and provided strategic implementation support.
- Led the district health teams in their capacity building efforts of Maternal and Child Health including Immunization.
- Participated in roll out of the Maternal and Child Death Review across the Gujarat as a lead trainer and data analysts for periodic review.
- Participated in State-wide implementation of "Measles Catch up Campaign, Introduction of Pentavalent, Measles 2nd Dose, Open Vial Policy and Cold Chain Maintenance System" vaccines as a Technical Experts and Field Monitors of the Immunization activities.

Public Health Lecturer | Academic Teacher | Shri MP Shah Medical College, Jamnagar. Government of Gujarat | Nov 2011 – August 2012. Jamnagar, Gujarat

- Tracked learning progress to identify opportunities to enhance tutoring methods and help students to achieve goals. Identified learning needs and implemented fun and engaging learning activities to help students advance. Works as clinician in Urban Health Clinics and Primary Health Centers.
- Contributed as a Rapid Response Team Member for the Epidemic Preventions of " Swine Flu", "Cholera Outbreaks". Contributed as an evaluator for the Iodine Deficiency Control Program, Filariasis Prevention program, School Health Program, Immunization Activities, Targeted Intervention Evaluation for PLHIV.

Others: Provided independent consultancy to UNICEF, IIMR, ICMR extramural projects, IAPSM etc for research & protocol writing, data analytics on regression models, capacity building programs, module write up.

Education

Institution	Degree(s) or Diploma(s) (Starting from latest degree)	Year	Division
Academy of Hospital Administration	Post Graduate Diploma in Quality Management of Hospital and Healthcare Organization	2018	A+
Sh. M.P. Shah Medical College, Jamnagar	MD PSM	2012	60.8%
Sh. M.P. Shah Medical College, Jamnagar	MBBS	2007	59%

Accomplishments

- Rolled out of mHealth digital learning and ready reckoner application for service provider for TB patients' management across the country with footprints in every State of India. ([Ni-kshay Setu](#)). Used by 30,000+ health care workers across India.
- Certified Assessor of National Quality Assurance Standards (NQAS) for the Government Health Facilities
- Research Publications in International and National level Indexed Journals
- Master Trainer of Operational Guidelines - National Health Programs: Immunization Services, NSSK, IMNCI, HBNC, Facility based new-born care, ASHA Modules, Maternal and Child Death Surveillance System, NTEP and PMDT Modules, Adolescent Health Program – RKSK, Quality Assurance Standards – Kayakalp, Population based survey for NCDs (PBS) etc.
- Published books on Decentralized Health Planning Approach which guide the health officials to prepare the NHM Program Implementation Plan
- Documented Best Practices in Health of Gujarat for consecutive 5 years and presented in National Forum
- State Player Of: Table Tennis, Badminton, Tennis.
- Played National Table Tennis Championship Held at Pune and Gujarat Table Tennis State Player of Cadet and Sub Junior Championship

Affiliation

- Providing guest lectures at Indian Institute of Public Health (IIPH) Gandhinagar and other Public Health Teaching institutes; IIHMR, Parul Health Science Institute, Vadodara, Medical Colleges of Gujarat, various universities on Indian Health System
- Ex. EC Member of the core committee of Indian Association of Preventive and Social Medicine (IAPSM) – Gujarat Chapter and Member of Indian Public Health Association (IPHA).
- Secretary: Sabarkantha Table tennis Association affiliated under Gujarat State Table tennis Association

Additional Information

Interest Apart from Professional Qualification

- Photography: Avid for scenic beauty, rural and nature photography. Official Getty Images Inc. Contributor (<https://500px.com/drharsh>). Won several competitions and publications in travel magazines.
- Played National Table Tennis Championship Held at Pune and player of Gujarat Table Tennis State - Cadet and Sub Junior Championship

Language Proficiency (Reading, Writing and Speaking):

Gujarati, Hindi, English

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- 2) Shah HD, Shah VP, Desai AN. An epidemic outbreak of Vibrio Cholerae El Tor O1 serotype Ogawa biotype in a Lalpur town, Jamnagar, India. J Postgrad Med 2012;58:14-8.
- 3) Makwana NR, Shah VR, Unadkat S, Shah HD, Yadav S. Goiter prevalence and current iodine deficiency status among school age children years after the universal salt iodization in Jamnagar district, India. Thyroid Res Pract 2012;9:40-4
- 4) Acute organophosphorus poisoning and clinical admission score association among patients admitted in emergency ward of a tertiary teaching hospital of medical college. Makwana Prakash V , Odedara Ram V , Shah Harsh D , JPBMS, 2012, 17-8
- 5) Assessment of cardiac dysfunction by 2D echocardiography in patients of chronic kidney disease. NR Rathod, Malay Ghodasara, Shah HD, JPBMS, 2012, 17-7
- 6) Assessment of Janani Suraksha Yojana in Jamnagar district Dr Solanki Hiren R, Dr Shah Harsh D, Dr Parmar Dipesh V, Dr Yadav Sudha B Int J Res Med. 2013; 2(2);109-112
- 7) Letter to editor, Field Report by Regional Child Survival Officer, Gujarat: Healthline: Volume 4 Issue 2 July-December 2013
- 8) A study of dietary assessment and factors affecting it among pregnant women attending antenatal clinic in a tertiary care centre in Jamnagar, Gujarat. Volume: 2;10:2013: 99-101
- 9) Shah HD, Mangal AD, Solanki HR, Parmar DV. Unsafe injection practices: An occupational hazard for health care providers and a potential threat for community: A detailed study on injection practices of health care providers. Int J Health Allied Sci 2014; 3:28-32.
- 10) Shah HD, Shah BH, Solanki HR, Agarwal VR, Parmar PA, Narkhede KM. Injection Safety and Practices following Needle Stick Injuries: An Occupational Risk to Health Care Providers In Gujarat. Natl J Com-munity Med. 2015; 6(1):98-102.
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- 13) Narkhede KM, Shah HD, Parmar PA, Patel RR, Vyas TN, Dave PV. A Core System of Local Governance into Public Health: An In-Depth Assessment of Rogi Kalyan Samitis of Health Facilities in Gujarat. Ntl J Community Med 2017; 8(3):153-157.
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- 15) Shah HD, Shah B, Dave PV, Katariya JB, Vats KP. A step toward healthy newborn: An assessment of 2 years' admission pattern and treatment outcomes of neonates admitted in special newborn care units of Gujarat. Indian J Community Med 2018; 43:14-8.
- 16) Monark Vyas, Harsh Shah. Analysis of Morbidity Profile of Neonates Admitted in Special New-born Care Units of Gujarat. Healthline Journal 2020; 11:55-8
- 17) Harsh S, Shashwat N, Ebbie T, Jay P. Predictive factors affecting newborn survival admitted in special new born care units of tertiary care hospitals. Int J Med Public Health. 2020;10(4):184-8.
- 18) Kranti Vora, Paridhi Gupta, Shahin Saiyed, Parth Tailor, Harsh Shah. Maternal death review process in Gujarat: A case study. International Journal of Gynaecology and Obstetrics Research. 2021; 3(1):1-5
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- 20) Shah HD, Nazli Khatib M, Syed ZQ, Gaidhane AM, Yasobant S, Narkhede K, Bhavsar P, Patel J, Sinha A, Puwar T, Saha S, Saxena D. Gaps and Interventions across the Diagnostic Care Cascade of TB Patients at the Level of Patient,

Community and Health System: A Qualitative Review of the Literature. *Tropical Medicine and Infectious Disease*. 2022; 7(7):136. <https://doi.org/10.3390/tropicalmed7070136>

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- 28) Shah HD et al., Deaths among tuberculosis patients of the western state of India: A secondary record based analytical study on its determinants, *Indian Journal of Tuberculosis*, <https://doi.org/10.1016/j.ijtb.2023.01.004>
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