



DR. MEDHA WADHWA

✉ drmedhakalyan@gmail.com

📞 +91 9537624644

BDS, MBA(Healthcare), UGCNET, PG Diploma in Research Methodology, PhD in Healthcare Management

DCI Registration No.: A-9317 (Delhi Dental Council)

LinkedIn: [linkedin.com/in/dr-medha-wadhwa-b0a9134a](https://www.linkedin.com/in/dr-medha-wadhwa-b0a9134a)

About Myself

Dr. Medha Wadhwa currently holds the position of Scientist D at the Health Technology Assessment Regional Resource Centre, Indian Institute of Public Health in Gandhinagar. Previously, I worked as an Associate Professor from December 2021 and as an Assistant Professor since July 2013 in the Department of Healthcare Management at Sumandeep Vidyapeeth for a total of 9 years and 2 months. I possess certifications as a NABH Internal Auditor and Lean Six Sigma black, green and yellow belt. I have a strong passion for academia and have developed the curriculum for various courses in the MBA (Healthcare) program. With respect to the teaching role, I have been actively involved in instructing a range of subjects including different areas of hospital administration, quality management in hospitals, biostatistics, health technology assessment and research methodology. Furthermore, I have provided guidance to 22 postgraduate students in Healthcare Management and served as a visiting faculty member at KM Shah Dental College & Hospital, SBKS Medical Institute & Research Centre, and Sumandeep Nursing College. I have been invited as an external examiner for postgraduate examinations in healthcare/hospital administration and also serve as a subject expert on PhD Doctoral Committees. Additionally, I have held important administrative positions such as Secretary for the UNESCO Chair of Bioethics Haifa and Member Secretary for the Board of Studies.

I have completed various focusing on quality improvement, standard operating protocols (SOPs), policy implementation, and internal audits at reputable NABH-accredited hospitals. A sought-after speaker, I have been invited as a resource faculty to participate in 56 workshops, seminars, and conferences at national and international levels, in areas of biostatistics, hospital quality management, educational technology, and evidence-based education systems. My research contributions include over 43 published research papers in indexed peer-reviewed journals, 7 book chapters, and 2 books currently under review for publication. In recognition of my accomplishments, I have received 10 awards for paper presentations, research, and contributions to the field of academics.

WORK EXPERIENCE

- 9 months of experience at Health Technology Assessment Regional Resource Center, Indian Institute of Public Health, Gandhinagar as Scientist D.
- 9 years and 2 months of experience at Department of Healthcare Management, Sumandeep Vidyapeeth as Associate Professor since December 2021 and Assistant Professor since July 2013.

EDUCATION

PhD in Healthcare Management	2021	---
PG Diploma in Research Methodology	2018	70.62%
MBA(Healthcare)	2013	3.812 CGPA out of 4 (First Rank Position in University Examination)
UGC NET Qualified	2013	---
Bachelor of Dental Surgery	2011	69%
Senior Secondary (PCB)	2005	85%
Higher Secondary	2003	91%

TEACHING PROFILE

A. Curriculum Related

- Initiated and developed UGC recommended Choice Based Credit System for MBA (Healthcare)
- Developed courses and involved in teaching of the subjects like Healthcare Environment, Hospital Information System, Hospital Services and Operations Management, Hospital Ethics and Law, Quantitative Techniques for Healthcare Manager (Statistics), Research Methodology, Quality Management in Hospitals, Hospital Safety and Waste Management, Hospital Architecture, Planning and Management, Healthcare Communication and Delivery System and Patient Relations and Nursing Management for MBA(Healthcare)
- Developed the curriculum of Part time MBA (Healthcare) and was a part of teaching the subjects
- Formulated the practical course of Hospital Interaction where in the Ist and IInd Semester students of MBA(Healthcare) were posted in 1065 bedded

Dhiraj Hospital daily in different departments for in depth understanding of the functioning of the different departments in hospital and integrate the theory with the practical application at the hospital

- Taken the initiative to develop and coordinate the practical course of Healthcare Projects where in the students of IIIrd Semester MBA(Healthcare) worked with the PHCs and CHCs and undertook the live projects.
- Took the lead in creating and managing the hospital placement of students as part of the Competency Building Program for MBA (Healthcare) students in their third and fourth semesters. The program involved assigning students to various departments within the 1065-bed Dhiraj Hospital, where they worked on real projects for a total of 240 hours per semester. Furthermore, designed and implemented the different elements of the Competency Building Program for first and second-year MBA (Healthcare) students.
- Developed the curriculum of Fellowship in Patient Safety at Hospitals for Hospital Administration
- Developed the curriculum of Fellowship in Biostatistics and Research Methodology
- Developed the curriculum of certificate courses in Biostatistics and Research Methodology & Quality and Accreditation of Hospitals
- Part of Team involved in developing the curriculum of MSc HETA
- Member Secretary, Board of Studies, Department of Healthcare Management, SVDU
- Member, Academic Council, Sumandeep Vidyapeeth
- Scientific Committee Member, International Conference on Evidence Based Education System, Sumandeep Vidyapeeth
- Organizing Secretary, UNESCO Bioethics Day, 2021
- Organizing Secretary, 3T Training on Bioethics for Healthcare Professionals
- Organizing Secretary, UNESCO Bioethics Day, 2020

B. Teaching & Learning Activities

- Teaching the HTA topics to MPH student under HTA elective at IIPH, Gandhinagar
- Teaching subjects: Hospital Safety and Waste Management, Quality Management in Hospital, Hospital Services and Operations Management, Health care Environment, Hospital Information System, Hospital Architecture, Planning and Management, Patient Relations and Nursing

Management, Research Methodology, Biostatistics and Quantitative Techniques, Organization Development and Change Management for MBA(Healthcare) Students at DoM, SVDU

- Feedback of 5 out of 5 in teaching all the semester students of MBA (Healthcare) at DoM, SVDU
- Teaching the basics of Hospital Administration at Smt. BK Shah Medical College & Research Centre for Medical Undergraduates and Postgraduates students
- Teaching the module of Hospital Management for Dental Students at KM Shah Dental College & Hospital
- Teaching Biostatistics for post graduates of nursing, physiotherapy and dental students
- Undertake session of Biostatistics and Evidence Based Decision making in the PhD course work for Doctoral students at SVDU
- Guided 25 post graduate students of MBA (Healthcare) at DoM, SVDU
- Statistical analysis of students from medical and dental college at Sumandeep Vidyapeeth

C. Examinations

- Subject Expert (External) in the PhD Doctoral Committee at Navrachna University, Vadodara since 2023
- Internal Examiner for Paper Setting in the subjects of Hospital Safety and Waste Management, Quality Management in Hospital, Hospital Services and Operations Management, Health care Environment, Hospital Information System, Hospital Architecture, Planning and Management, Patient Relations and Nursing Management, Research Methodology, Biostatistics and Quantitative Techniques, Organization Development and Change Management in MBA (Healthcare) program
- Internal Examiner in the Viva Voce of Industrial Visit, Healthcare Project, Summer Internship and Dissertation for MBA (Healthcare) students at Sumandeep Vidyapeeth
- Paper Setter for MBA in Hospital & Health Management entrance examination at National Forensic Sciences University (NFSU), Gandhinagar
- External Examiner for theory subjects at Parul University, Vadodara for MBA (Hospital Administration)
- External Examiner for Viva Voce at Parul University, Vadodara for MBA (Hospital Administration)

- External Examiner for Research Methodology at GLS University, Ahmedabad
- External Examiner for Viva Voce at Navrachana University, Vadodara

D. Academic Administration

The following positions in administration for academics were held at Sumandeep Vidyapeeth:

- Member Secretary, Board of Studies
- Member Secretary, Faculty Development Cell, Department of Staff and Student Welfare
- Secretary, UNESCO Chair of Bioethics (Haifa)
- Member, Evidence Based Education System
- Member, Joanna Briggs Centre for Evidence Synthesis under Joanna Briggs Institute of Health & Medical Sciences, University of Adelaide, Australia
- Member Secretary, Evidence Based Healthcare Management
- Member Secretary, Internal Quality Assurance Cell (IQAC)
- Coordinator, Student Council
- Member, Feedback Committee
- Coordinator, Institute Research Committee
- Member, Bridge Remedial & Enrichment Program
- Member, Ethics Committee for Healthcare Management Students & faculty
- Member, Institution Innovation Council

E. Invited Guest Faculty at State, National and International Academic Programs:

Research Methodology & Biostatistics

1. FDP on “Research: Vision to solve problems through different angles” sponsored by GUJCOST at Parul Polytechnic Institute, Parul University on 15th October 2022
2. “Demystifying Biostatistics for Healthcare Research” at Sankalchand Patel University, Visnagar on 16th and 17th December 2021.
3. “Career Opportunity in Research and Research Management” by Competitive Examination & Career Advancement Cell, SVDU on 15th July 2021
4. “Demystifying Research” by Nootan College of Physiotherapy, Sankalchand Patel University, Visnagar on 26th & 27th March 2021.

5. "Improving clinical trial performance by optimizing protocol design" at Zydus Hospital, Ahemadabad on 23rd March 2021.
6. FDP on "Understanding Biostatistics for Evidence based Decision Making" on 8th and 9th December 2020
7. "Numerical Analysis used in Nursing" at Webinar on Numerical Analysis used in Nursing, Sumandeep Nursing College, Sumandeep Vidyapeeth on 23rd May 2020
8. "Hands On Statistics with SPSS Software" at Virtual /Online National Conference on "Advanced Nursing Research: A Stepping Stone For Evidence Based Practice", Sumandeep Nursing College, Sumandeep Vidyapeeth, on 27.05.2020 to 30.05.2020
9. "Understanding Statistical Concepts for simplifying Research" at National Level Webinar entitled "Research Methodology : Grant Writing and Applying Statistics in Research", Research Cell, SVDU on 25th May 2020
10. State Level Workshop on "Hands on Training of Descriptive and inferential Statistics" at Demystifying Biostatistics for healthcare Research – Beginners level, Nootan College of Physiotherapy, Sankalchand Patel University, Visnagar, Gujarat from 06th to 07th March 2020
11. National Level Workshop on "Hands on Training of Descriptive and inferential Statistics" at College of Nursing, Muni Seva Ashram, Vadodara, Gujarat from 18th & 19th October 2019
12. "Introduction to Biostatistics" in Workshop on Research Methodology at Dental Education Unit, KMSDCH, SVDU from Dental Education Unit, KMSDCH, SVDU
13. "Bio-statistics" at PG EBES Workshop from 4th to 6th September, 2019 at SBKSMI&RC, Sumandeep Vidyapeeth
14. Key note Speaker on Quantitative & Mixed Methods Research at National Conference on Research Methodology from 4th to 5th July 2019.
15. Session on Statistical Implications of using evidence at Faculty Orientation Workshop for Evidence based Education System from 7th to 8th February 2019.
16. State Level Workshop on Demystifying Biostatistics (Beginners Level) at Sumandeep Vidyapeeth on 27th to 28th December 2018.
17. Session on Statistical Implications of using evidence at PG Orientation Workshop for Evidence based Education System on 16th October 2018.
18. Session on Statistical Implications of using evidence at PG Orientation Workshop for Evidence based Education System from 28th to 30th August 2018.

19. Workshop on “Statistical Application in Nursing Research” organized by Department of Community Health Nursing, Sumandeep Nursing College on 26th July 2018
20. Hands on Workshop “Statistical Analysis using MYSTAT” on 21st and 22nd March 2018 at Parul University, Vadodara
21. Hands on Workshop “Statistical Package for Social Sciences and other statistical tools” on 20th March 2018 at Parul University, Vadodara
22. National Workshop on “Biostatistics for Healthcare Research with hands on training” at Department of Management on 6th -7th April 2017.
23. 3rd National Conference on “Analysis of Qualitative Research” at Sumandeep Nursing College on 15th March 2017.
24. Statistical packages for Social Sciences- SPSS and Statistical Tools” on 21st- 22nd November 2016 at Parul University, Vadodara
25. Workshop on “Biostatistics” in Evidence Based Education System on 1st August 2016 at Sumandeep Vidyapeeth
26. National Workshop on “Demystifying Biostatistics: A step towards excellence” at Department of Management on 2nd -3rd May 2016.
27. Workshop on “Research Methodology and Statistical Analysis” at School of Management on 9th- 10 January 2014.

Health Care Decision Making and Hospital Operations

1. Creating sustainable and effective service delivery for healthcare and pharmaceutical Industry at Parul University on 20th March 2023
2. “Material Management in Hospitals” at Indian Hospital Association on 21st May 2022.
3. “Know Hows of Hospital Administration” by Skillspire on 21st April 2021
4. “Evidence Based Management Practice” by Department of Management from 23rd to 27th November 2020
5. “Searching of Evidences and Appraisal of Evidences” at EBES Orientation for MBA Healthcare, Department of Management, Sumandeep Vidyapeeth from 18th – 22nd November 2019
6. “Allocation of Resources” at Bioethicon 2019- International Conference, SRM Medical College, Chennai organized by UNESCO Chair in Bioethics Asia Pacific Division from 8th to 10th November 2019
7. Session on Searching Strategies and Formulation of CIMO at PG Orientation Workshop for Evidence based Education System from 22nd to 27th November 2018.
8. Training Workshop for Healthcare Management Post Graduates “Evidence Based Education System” from 21st to 25th November 2017

9. Training Workshop for Allied Health Sciences Post Graduates “Evidence Based Education System” on 10th November 2017
10. Training Workshop for Medical and Dental Post Graduates “Evidence Based Education System” on 9th November 2017
11. Session in PhD Course Work on “Evidence Based Education System” on 10th October 2017 at SumandeepVidyapeeth
12. International Seminar on “Becoming a Doctorpreneur” in Doctorpreneurship - An emerging opportunity for healthcare professionals on 18th August 2017.
13. Workshop on “Evidence based Management Practices” on 18th-19th and 21st-23rd November 2016 at Sumandeep Vidyapeeth.

Professionalism and Ethical Behavior for Healthcare Professionals

1. “Duties, Rules and Rights of Indian Citizens” by Department of Pharmacy on 27th February 2021
2. “Professional and Altruistic Behavior” by SBKS Medical College on 29th December 2020
3. “Behaviors, Manners and Etiquettes” at Administrative Training for Non Teaching Staff of SVDU on 27th May 2020
4. “Etiquette and Manners in Professional World” at Bhagwan Mahaivir College of Pharmacy, Surat on 28th may 2020
5. Seminar on “#Each for Equal” at Department of Pharmacy, Sumandeep Vidyapeeth at Department of Pharmacy, Sumandeep Vidyapeeth on 8th March 2020
6. “Professionalism in Medical Profession” at MBBS Foundation Course from 1st August to 31st August 2019 at SBKSMI&RC, Sumandeep Vidyapeeth
7. Workshop on Professional Dynamics & the changing nature of Physiotherapy practice at College of Physiotherapy on 20th December 2018.
8. Session on “Working of Internal Complaint Committee and Women Welfare” at Sumandeep Vidyapeeth on 21st November 2018.
9. National Level Workshop on Professionalism at Students Exchange Program by Indian Association of Conservative Dentistry and Endodontics from 6th August to 11th August 2018 at KM Shah Dental College & Hospital
10. Conducted the faculty workshop on “Professionalism in Dental Practice” organized by Dental Education Unit, KMSDCH on 19th July 2018
11. International Seminar on “Essential Attributes of a Physician-Paving way for Digital Healthcare” at Labdhi Simulation Lab, SumandeepVidyapeeth on 18th July 2017.

Education Technology for Healthcare Professionals

1. Workshop on “Development of e-content for Teaching Learning in Nursing Curriculum” at Sumandeep Nursing College on 7th July 2021
2. “AQAR Preparation under Revised Accreditation Framework” on 28th & 29th June 2021.
3. “State Level Workshop on Education Technology for Health Science Faculties at Sumandeep Vidyapeeth from 3rd to 4th April 2019.

Student Career Progression

1. Students Perspectives and their involvement towards the progression in higher education” at Glorius International Nursing Research and Academic Foundation (GINRA) on 21st September 2022.

F. INTERVIEWS

Interview on “Implications of Pro Privatisation on Healthcare” by Dr. Ramya Iyer for Public Health Dentist Pod cast

G. OTHER CERTIFICATE COURSES AND ACADEMIC ACCOMPLISHMENTS

- Health Technology Assessment from University of Glasgow, 2022
- Certified Lean Six Sigma (Yellow, Green and Black Belt) on August 2021.
- Comprehensive Systematic Review and Meta Analysis Training Program by Joanna Briggs Institute, Australia from 5th August to 9th August 2019.
- “Certified Internal Auditor- NABH” on 31st March 2017
- “Applied Regression Analysis” by The Ohio State University on 4th April 2016
- “An introduction to Global health” by University of Copenhagen on 1st June 2015
- “Statistical Reasoning for Public Health” by John Hopkin’s University on 14th January 2015

Research Profile

A. Summary

Peer-Reviewed Publications: 43

Book Chapters: 7

Books (Under Review for Publication): 2

h-index (Google Scholar):4

i10-index (Google Scholar): 3

Citations (Google Scholar):58

Researcher ID: AAI-5702 2020.

Scopus ID: 57221556205

ORCID ID: <https://orcid.org/0000-0002-1524-5276>

B. Research/Consultation Projects

1. Experience in Proposal Writing for Research Projects funded by ICMR, ICSSR, DHR and Sumandeeep Research Project Fund
2. Conducted Modelling for Health Technology Assessment Studies
3. Preparation of final outcome report, protocol and proposal for HTA studies
4. Presentation of proposal and outcome report of HTA studies to Technical Advisory Committee
5. Coordinate with HTAIn, Department of Health Research, Ministry of Health & Family Welfare, GoI
6. Prepare systematic reviews and meta-analysis for HTA studies

Funded Projects:

The following projects are funded by HTARRC, IIPHG

1. Health Technology Assessment of DEIC for Management of 4D's in Gujarat
2. Health Technology Assessment of Facility based Management of Severly Acute Malnourished Children
3. Health Technology Assessment of Essential Drugs List

The following projects are funded by Sumandeeep Vidyapeeth Research Fund:

1. An Intervention Study to assess the knowledge, attitude, and perceived barriers towards, practice of Evidence Based Healthcare
2. Preparation of Patient Satisfaction Prediction Model based on SERVQUAL at Dhiraj Hospital funded
3. Training Project of Hospital Staff on Continuous Quality Improvement at Zydus Hospital, Vadodara
4. Internal Audit at Baroda Heart Hospital, Vadodara
5. Policy and SOP implementation at CK Birla Hospital, New Delhi
6. Policy and SOP implementation at Thumbay Hospital, Fujairah, Dubai, UAE
7. Effectiveness of training on sustainable safe practices in Hospital

8. Awareness, coverage and utilization of Ayushman Bharat Scheme among the Patients of a Trust based Hospital
9. Assessing the health services quality of Hospital from the Patient's Perspectives using HealthQual Model: A Cross-Sectional Study
10. Assessing the attitude and barriers towards Evidence-based practice among the nursing professionals: A Cross Sectional Study
11. Assessing the knowledge and perception of nursing staff towards accreditation in Dhiraj Hospital
12. A study to assess the knowledge, attitude and practice on Hospital Acquired Infection among the Healthcare workers at Kailash Cancer Hospital, Goraj
13. A Study To Assess The Effect On Quality Of Life Among The Residents Of Shahada, Maharashtra : A Cross Sectional Study
14. Are Indian Hospitals Social Media Marketing Ready?
15. A Study To Analyze Psychological Impact Of COVID-19 situation among the general population in Vadodara : A Cross Sectional Study
16. A study to assess the knowledge and attitude of Population of Vadodara towards COVID 19
17. A study to analyze the factors affecting to low birth weight of child at CHC Balasinor
18. A study to assess quality of services at Gram Arogya Kendra at selected blocks of Bhopal district (M.P)
19. An Analytical study on the factors affecting the utilization of medical tourism services among the foreign patients in leading private hospital, Ahmadabad
20. Comparison of Trust between private & Public Healthcare Professionals
21. Patients satisfaction related with the clinical services in Dhiraj Hospital Vadodara: A Questionnaire study
22. An Assessment of Community Readiness for mHealth among the nursing students of Sumandeep Vidyapeeth in Vadodara city
23. An evaluation of the factors affecting the use of digital payment system among doctors in various hospital vadodara
24. A study on determinants of maternal health care during pregnancy: A Descriptive study
25. A study to assess knowledge, attitude and barriers towards evidence-based concept among the health professionals in Vadodara
26. Knowledge, Awareness and Practices of safe Injection practices among nursing staff at Dhiraj General Hospital
27. A Study on job satisfaction on nurse at private Hospital at Godhra: A questionnaire multi centric study

28.A Study on stress among the female's nurses at Dhiraj Hospital in Vadodara city

C. Peer Reviewed Journal Publications

Indexed Journal

1. **Wadhwa, M.**, Saiyed, S. (2014). Strategies Of How To Managing Delay In Operating Theatres : Observational Study The Int. Res. J. Soc. Sc. Hum. 3(6): 1 - 112.
2. **Wadhwa, M.**, Saiyed, S. (2015). Patient Satisfaction at Dhiraj Hospital Outpatient Department (OPD): A Cross Sectional Study. International Journal of Scientific Research, 4 (1)
3. Kalyan, P., CG, A., & **Wadhwa, M.** (2015). The Effect of Dentifrice Containing 1% Chloramine-T and Triclosan on Plaque and Gingival Status: An In-Vivo Comparative Study. International Journal of Oral Care and Research, 3(1): 39-44
4. Pulkit K, Thanveer K, Ajithjrisnan C G, **Wadhwa, M.**, (2015). Antibacterial Activity of Green Tea and Black Tea on Streptococcus mutans: An in Vitro Study. International Journal of Preventive and Clinical Dental Research.
5. **Wadhwa, M.**, Kalyan, P., & Kalantharakath, T. (2015). Knowledge and attitude of medical and dental postgraduate students toward practice of biostatistics. Journal of Postgraduate Medicine Education and Research, 49(1): 1-4.
6. **Wadhwa, M.**, Kalyan, P., & Shekhar, S. (2016). Knowledge, Attitude and Practice of Universal Precautions among the Hospital Staff at Sterling Hospital, Vadodara: A Hospital based Study. International Journal of Nursing Education, 8(3). Doi: 10.595/0974-9357.2016.0085.4
7. **Wadhwa, M.**, Kalyan, P., Hathila, N., Gadhavi, V., & Shrivastav, H. (2018). A Study to Assess the Psychological Issues Faced by Cleft Lip and Palate Patients: A Cross-Sectional Questionnaire Study. Journal of Research and Advancement in Dentistry 8(3): 28-34.
8. Chatterjee, S., **Wadhwa, M.**, & Jani, D. (2018). A Survey on Consequences Related To the Low Conversion of Patients from Outpatient Department to In-Patient Department at a Multi Specialty Hospital. Journal of Medical Science and Research, 6(2): 1230-1242. Doi: <https://dx.doi.org/10.18535/jmscr/v6i2.194>.
9. **Wadhwa, M.**, Kalyan, P., Thakkar, M., & Patel, M. (2018). A Cross-

Sectional Questionnaire Survey to Evaluate the Factors Affecting the Use of Digital Payment System Among the Healthcare Professionals in Vadodara. *International Journal of Scientific Research*, 7(2): 40-42.

10. Thakkar, M., Shah, P., **Wadhwa, M.**, & Raval, A. (2018). A Study on Knowledge of Investment Decision among Healthcare Professionals in Vadodara. *Global Journal for Research Analysis*, 7(11):16-18.
11. **Wadhwa, M.**, & Chatterjee, S. (2020). A study to assess the utilisation of health services by pregnant women in rural area of Vadodara district. *Advances in Human Biology*, 10(3), 103. DOI: 10.4103/AIHB.AIHB_38_20
12. **Wadhwa, M.**, Chatterjee, S., Gadhavi, V. (2020). A Study to assess the determinants affecting the Health Seeking Behavior and their effect on Utilization of antenatal Services among the pregnant women: A Cross-Sectional Study. *International Journal of Psychosocial Rehabilitation*, 24 (5). Doi: 10.37200/IJPR/V24I5/PR2020775.
13. Iyer, R. R., Sethuraman, R., & **Wadhwa, M.** (2020). A qualitative research analysis of gender-based parities and disparities at work place experienced by female dentists of Vadodara, India. *Indian Journal of Dental Research*, 31(5), 694. doi: 10.4103/ijdr.IJDR_586_18. PMID: 33433505
14. Thakkar, M., **Wadhwa, M.**, Chatterjee, S., Gupta, A. (2020). A Study on Employees Absenteeism at Private Hospital and Its Research Centre-cross Sectional Descriptive Study. *International Journal of Psychosocial Rehabilitation*, 24(5). Doi: 10.37200/IJPR/V24I5/PR2020704.
15. Chatterjee, S., Roy, B., **Wadhwa, M.** (2020). Importance of Sociology and Sociological Ethics, and Its Value on Bioethics Perspective. *International Journal of Psychosocial Rehabilitation*, 24(5). Doi: 10.37200/IJPR/V24I5/PR2020707.
16. Deshpande, A., Macwan, C., Dhillon, S., **Wadhwa, M.**, Joshi, N., & Shah, Y. (2021). Sealing Ability of Three Different Surface Coating Materials on Conventional and Resin Modified Glass Ionomer Restoration in Primary Anterior Teeth: An In-vitro Study. *Journal of Clinical & Diagnostic Research*, 15(9). DOI: 10.7860/JCDR/2021/49814.15382
17. A., Deshpande, N., Raol, R., Patel, K., Jaiswal, V., & **Wadhwa, M.** (2021). Effect of green tea, ginger plus green tea, and chlorhexidine mouthwash on plaque-induced gingivitis: A randomized clinical trial. *Journal of Indian Society of Periodontology*, 25(4), 307. doi: 10.4103/jisp.jisp_449_20. Epub 2021 Jul 1. PMID: 34393401; PMCID: PMC8336769.

18. **Wadhwa, M.**, Chatterjee, S., & Parveen, K. S. (2021). A Cross Section Study to Assess Factor Affecting the Work Life Balance of the Female Healthcare Professionals in the Private Hospitals of Vadodara–India. *Journal of Pharmaceutical Research International*, 753-758. Doi: 10.9734/jpri/2021/v33i59B34442
19. **Medha, W.**, Pulkit, K., Rahul, S., Mital, T., Subhasish, C., Prachi, D., ... & Yash, P. (2021). A study to assess the knowledge towards evidence-based healthcare among the healthcare professionals of Vadodara: A Cross-Sectional Study. *Indian Journal of Science and Technology*, 14(32), 2640-2645. <https://doi.org/10.17485/IJST/v14i32.1323>
20. Thakkar, M., Verma, M., **Wadhwa, M.**, & Chatterjee, S. (2022). Effectiveness of Seminar Based Approach on the Level of Financial Literacy among Dental Students of Central Gujarat. *Journal of Clinical & Diagnostic Research*, 16(12).DOI: 10.7860/JCDR/2022/59068.17285.
21. Thakkar M, Verma M, **Wadhwa M**, Chatterjee S, Shah P and Sandip S. (2022). A study to assess the investment related knowledge amongst the Medical and Dental Students of Vadodara: A Cross Sectional Study. *Bull. Env. Pharmacol. Life Sci.*, Vol 11 [11]: 163-173.
22. Parveen S K, Verma M, **Wadhwa M** and Chatterjee S. (2022). A Study to Assess the Work Life Balance of the Female Healthcare Professionals in The Private Hospitals of Vadodara, India: A Cross Sectional Study. *Bull. Env. Pharmacol. Life Sci.*, Vol 11 [3]: 66-71.
23. Deshpande, A., Jain, A., Shah, Y., Jaiswal, V., & **Wadhwa, M.** (2022). Effectiveness of self-designed dental storybook as behavior modification technique in 5–7 year-old children: A randomized controlled study. *Journal of Indian Society of Pedodontics and Preventive Dentistry*, 40(3), 253-259. doi: 10.4103/jisppd.jisppd_237_22. PMID: 36260465.
24. Deshpande, A. N., Sudani, U., **Wadhwa, M.**, Joshi, N., Patel, K. S., & Jain, A. (2022). Association of Anthropometric Measurements, Hemoglobin Level and Salivary Parameters among Caries-free and S-ECC Children. *International Journal of Clinical Pediatric Dentistry*, 15(Suppl 2), S164. doi: 10.5005/jp-journals-10005-2144. PMID: 35645533; PMCID: PMC9108849.

Non-Indexed Journals (UGC CARE)

1. **Wadhwa, M.**, Kalyan, P., Javia, R., & Yadav, M. (2016). Evaluation of Various Factors Contributing to Accomplish Patient Pleasing OPD

Services-A Questionnaire Based Survey. Global Journal of Research in Management, 6(2)

2. Chatterjee, S., **Wadhwa, M.**, & Ishani, S. (2018). A Study to Find the Reasons for Attrition of Housekeeping Staff: Cross-Sectional Questionnaire Survey (With Special Reference to Private Hospital). International Journal of Research and Analytical Reviews, 5(4):203 to 220.
3. Chatterjee, S., **Wadhwa, M.**, & Patel, D. (2018). A study on employee welfare and its impact on their performance at private hospitals and its research centre-cross sectional descriptive study. International Journal of Research and Analytical Reviews, 5(4): 504 to 535.
4. Chatterjee, S., Roy, B., **Wadhwa, M.**, & Jani, D. (2019). Factors affecting the utilization of preventive health check-ups amongst the healthcare professionals at a teaching hospital. International Journal of Research and Analytical Reviews, 6(2): 124-140
5. Chatterjee, S., Halder, B., **Wadhwa, M.**, & Patel, D. (2019). A Study to Determine the Training Effectiveness of Nurses about Needle Sticks Injury by Using Kap Analysis (With Special Reference to Private Hospital). Think India, Vol 20: (10): 5995 to 6011.
6. **Wadhwa, M.**, Thakkar, M., Chawla, M., Zanje, B., Kalyan, P. (2020). A Study To Assess The Level of Awareness of Government Schemes Among Patients in A Multi-Specialty hospital in Vadodara. Purakala, 31(60):393-401.
7. Thakkar, M., **Wadhwa, M.**, & Patel, M. (2020). A Descriptive Cross-sectional study of care provided to the vulnerable patients in trust based hospital, Surat. Muk-Shabd Journal, 9(6).
8. Sharma R., **Wadhwa, M.**, & Priya, S. (2020). A Descriptive Cross-sectional study of care provided to the vulnerable patients in trust based hospital, Surat. Muk-Shabd Journal, 9(6).
9. Thakkar, M., **Wadhwa, M.**, & Damor, R. (2020). Thakkar, M., Wadhawa, M., & Patel, M. (2020). A Descriptive Cross-sectional study of care provided to the vulnerable patients in trust based hospital, Surat. Purakala, 31(60).
10. **Wadhwa, M.**, Thakkar, M., Chaterjee,S., Kalyan, P. (2020). A Comparative Study to Analyze the Relationship Between Leadership Styles and Nurses' Motivation at Different Hospitals in Gujarat. Our Heritage, 68(1).
11. Chatterjee, S., **Wadhwa, M.**, Sharma, R., & Ishani, S. (2020). A Study On Impact Of Nursing Staff Turnover On Hospital Efficiency At A Trust-Based Hospital, Vadodara. IITM Journal of Business Studies, 7(1).
12. **Wadhwa, M.**, Thakkar, M., Patel, M., Dala, V., Chitte, M., Kalyan, P. (2020). A cross Sectional Study to check the effectiveness of Health Education Material on the Awareness towards Menstrual Hygiene Amongst Adolescent Girls and Women in Amodar Village. Tathapi, 19(55).

13. **Wadhwa, M.**, Golivi, R., Thakkar, M. (2020). A Study to Analyze Discharge Turnaround Time in Cardiac Inpatient Wards in A Private Hospital, Andhra Pradesh. *Tathapi*, 19(50).
14. Chatterjee, S., Khaped, B., **Wadhwa, M.**, (2020). A Study to Analyse The Recruitment Turnaround Time and Selection Process As Per The JCI. *Dogo Rangsang Research Journal*, 10(7).
15. **Wadhwa, M.**, Bariya, R., Chatterjee, S., Kalyan, P. (2020). A Study to assess the determinants of maternal health care during pregnancy. *Dogo Rangsang Research Journal*, 10(7).
16. **Wadhwa, M.**, Damor, V., Chatterjee, S., Kalyan, P., Sharma, R. (2020). A study to assess the surface disinfection control practices at a leading Private Hospital in Vadodara. *Dogo Rangsang Research Journal*, 10(7).
17. Chatterjee, S., Roy, B., **Wadhwa, M.**, (2020). Ethical Leadership and Its Relation with the Principles of Ethics (With reference to multispecialty hospital. *Dogo Rangsang Research Journal*, 10(7).
18. **Wadhwa, M.**, Khan, S., Kalyan, P. (2020). Factors affecting the utilization of preventive health services at a leading private Hospital in Vadodara: A cross-sectional study. *Dogo Rangsang Research Journal*, 10(7).
19. Thakkar, M., **Wadhwa, M.**, Dalal, V. (2020). Impact of training on Employee Performance, Trust Based Hospital, Ahmedabad. *Dogo Rangsang Research Journal*, 10(7).

D. Book Chapters

1. **Wadhwa, M.**, Sharma, R., Kalyan, P. (2017). A paradigm shift towards Evidence based Management Practices. Dr. SS Bhaskar (Eds.) *Strengthening Strategies, Shaping policies and Empowering Personnel*. ISBN: 978-81-933172-7-3
2. Sharma, R., **Wadhwa, M.** (2017). Factors adopted by Hospitals to Increase Staff Productivity. Dr. SS Bhaskar (Eds.) *Strengthening Strategies, Shaping policies and Empowering Personnel*. ISBN: 978-81-933172-7-3
3. **Wadhwa, M.**, Sharma, R., Naghera, A., Kalyan, P. (2018). Work related Quality of Life among the workers at GHCL, Somnath. Dr. Jaydip Chaudhari, Dr. Janki Mistry, Dr. Hitesh Parmar (Eds.) *Emerging Trends in Global Business Management*. ISBN: 978-93-86724-80-9.
4. Sharma, R., **Wadhwa, M.** (2018). Patient Satisfaction using SERVQUAL model. Dr. Jaydip Chaudhari, Dr. Janki Mistry, Dr. Hitesh Parmar (Eds.) *Emerging Trends in Global Business Management*. ISBN: 978-93-86724-80-9.

5. Thakkar, M., **Wadhwa, M.** (2019). Quality and Patient Safety amongst the Nursing Staff in Dhiraj Hospital in Vadodara. A compendium of Ideas on Innovative Management Practices. ISBN: 978-93-88237-55-0.
6. Sharma, R., Wadhwa, M. (2019). Impact of factors adopted by the Hospitals to increase Staff Productivity. A compendium of Ideas on Innovative Management Practices. ISBN: 978-93-88237-55-0.
7. **Wadhwa, M.**, Kalyan, P., Patel, H., Patel, M., Joshi, V. (2022). Evidence Based Decision Making Rationale for Hospital Administrators. Dr. Ana Cláudia Correia Coelho (Eds.) Current Overview on Disease and Health Research. (pp. 1-8). BP International. <https://doi.org/10.9734/bpi/codhr/v3/7193F>. ISBN: 978-93-5547-739-2

A. Paper/Poster Presentations

1. Paper titled "Understanding the Health Economics by studying the maternal health utilization in rural Vadodara" in International Conference on Commerce, management and Social Sciences Research from 16th to 17th October 2021
2. Paper titled "Cross section study to assess factors affecting the work life balance of the female healthcare professionals in the private hospitals of Vadodara" in International Conference on multidisciplinary research and innovation in the field of engineering, commerce, management, humanities and science from 10th to 11th October 2021.
3. Paper titled "A study to assess the factors affecting the utilization of services among the pregnant women at rural area of Vadodara" at IIHMR, Jaipur from 23rd to 25th November 2019
4. Poster titled "Health Seeking Behavior and Utilization of Health care Services at Vadodara District: Cross Sectional Study" at IIM Ahmadabad from 16th to 17th February 2019
5. Paper titled "Amalgamation of Information Technology in Healthcare: Exploring New Horizons for Healthpreneurs" at National Conference on Innovation Ecosystem in Higher Education Institutions at Sumandeep Vidyapeeth from 16th to 17th April 2019
6. Paper titled "A study to assess the knowledge, attitude and perceived barriers towards the practice of evidence based management among the healthcare managers in vadodara: A cross sectional study" at National conference on innovative business management practices: Technology enabled learning trends in 21st century organized by Faculty of Management studies, Parul University from 21st to 22nd December 2018
7. Paper titled "A study to assess the effectiveness of various training techniques related to Disaster Management to the Hospital Staff" at International Conference on "Innovative Business Practices for Creating

Value in Global Era” at Acropolis Faculty of Management & Research on 29th September 2018

8. Paper titled “A study on employees absenteeism in Kailash Cancer Hospital and Research Centre with special reference to Goraj (Vadodara)” at International Conference on "Innovative Business Practices for Creating Value in Global Era” at Acropolis Faculty of Management & Research on 29th September 2018
9. Paper titled “A study to assess the effectiveness of health education on environmental sanitation in rural area of Waghodia for developing an effective social entrepreneurial approach” at International Conference on "Innovative Business Practices for Creating Value in Global Era” at Acropolis Faculty of Management & Research on 29th September 2018
10. Paper titled “A comparative study to analyze the relationship between leadership style and nurses motivation at different hospitals in Gujarat” at Interdisciplinary National Conference on "Skills, Science, Sanskriti & Strategic Approach are the mantras for effective leadership in 21st Century, Parul University, Vadodara on 15th-16th December 2017
11. Paper titled “ Across-sectional questionnaire survey to evaluate the factors affecting the use of digital payment system among the healthcare professionals in vadodara” at National Conference on Advances in Theory, Research & Practices in Management” on 23rd September 2017.
12. Paper titled “Knowledge, awareness & practice towards e-wallets, UPI and USSD based transactions among the health care professionals” at National conference on contemporary issues in Management and Entrepreneurship, Auro University, Surat on 4th March, 2017.
13. Paper titled “A paradigm shift towards Evidence based Management Practices” at International Conference on Strengthening Strategies, Shaping policies and Empowering Personnel at Prestige institute of Management, Jiwaji University, Gwalior on 7th- 9th January 2017.
14. Paper Titled “Factors affecting the work related quality of life among the workers at GHCL, Somnath: A cross-sectional questionnaire study” in the National Conference on "Emerging trends in Global Business Management" at Department of Business & Industrial Management, GH Bhakta Management Academy, VNSGU, Surat on 3rd December 2016
15. Paper titled “Role of Social Media in Entrepreneurial Performance of small and medium enterprises in Vadodara: A questionnaire study” in the 3rd International conference of GTU at Parul University on February 2015.

B. Intellectual Property Rights

1. Wadhwa M, Chatterjee S, Kalyan P. (2021). Maternal Health Seeking Behavior Schedule, Copy Right Registered No. 17758/2021-CO/L.
2. Wadhwa M, Kalyan P. (2022). Learning Triage in Illustrative way, Copy Right filed no. 10233/2022-CO/L

AWARDS

1. Nari Shakti Award for 2023 for Science and Innovation by Chaitanya Charitable Trust
2. Excellence for Reviewing by Asian Journal of Pediatric Research on March 2023
3. Excellence for Reviewing by Journal for Advances in Biology and Biotechnology on March 2023
4. Best Paper Award at International Conference on Recent Advances in Sustainable Practices, Social Innovations and Entrepreneurship on 17th & 18th February 2022
5. Invited for Interview on Podcast for “Implications of Privatisation in Healthcare”
6. Research Award bestowed by Sumandeeep Vidyapeeth for significant contribution in the field of Healthcare Management for the Year 2018-19.
7. Best paper Award at National Conference on Innovation Ecosystem in Higher Education Institutions from 16th to 17th April, 2019.
8. Research Award bestowed by Sumandeeep Vidyapeeth for significant contribution in the field of Healthcare Management for the Year 2017-18.
9. 2nd Best Paper Prize at Inter-disciplinary National Conference on Skills, Science, Sanskriti & Strategic Approach are the mantras for effective leadership in 21st Century, Parul University, Vadodara on 15th-16th December 2017
10. Research Award bestowed by Sumandeeep Vidyapeeth for significant contribution in the field of Healthcare Management for the year 2015-16.

NETWORKS AND MEMBERSHIPS

Associations with Hospitals

1. Training Project of Hospital Staff on Continuous Quality Improvement at Zydus Hospital, Vadodara
2. Internal Audit at Baroda Heart Hospital, Vadodara
3. Policy and SOP implementation at CK Birla Hospital, New Delhi
4. Policy and SOP implementation at Thumbay Hospital, Fujairah, Dubai, UAE

5. Expert Faculty at Indian Hospital Association, Vadodara Chapter

Memberships

1. Member, International Society for Quality in Healthcare (ISQua)
2. Member, Consortium of Accredited Health Organizations (CAHO)
3. Member, ISPOR, Society for Health Economics and Outcomes Research
4. Member, Joint Commission International
5. Member, JBI Centre of Evidence Synthesis

Reviewer in Journal

1. Asian Journal of Research in Nursing and Health
2. Journal of Pharmaceutical Research International
3. Asian Journal of Pediatric Research
4. Journal of Advances in Biology & Biotechnology
5. Asian Journal of Research and Reports in Gastroenterology
6. British Journal of Healthcare Management

Proficiency in Software

IBM SPSS, IBM SPSS AMOS, Epi-info, STATA, MYSTAT, SYSTAT, Reference Management Softwares like Zotero, Mendeley, Microsoft Office.

Language Skills

English, Hindi

I appreciate your time and consideration and hope that my skills and experience align with your needs.

Gandhinagar, 6th June 2023

With regards
Medha
7/6/23

Dr. Medha Wadhwa