

SUMMER INTERNSHIP PROGRAM
at
Jhpiego, Rajasthan
(Johns Hopkins Program for International Education in
Gynecology and Obstetrics)

From – 1st May 2024 to 30th June 2024

A REPORT BY

Abhishek Tanwar

Master of Business Administration

Hospital and Health Management

2023-25

under the Mentorship of

Dr. Vinod Kumar SV

Professor

IIHMR University Jaipur



July 02, 2024

CERTIFICATE OF INTERNSHIP

This is to certify that Dr. Abhishek Tanwar has completed his internship with Jhpiego from May 01, 2024 till June 30, 2024.

He interned at Jaipur, Rajasthan location. He provided concurrent research (quantitative and qualitative) and documentation support for ongoing and future initiatives in anti-natal care, conducted literature/desk review for assigned research reports and manuscripts, and participated in various ongoing and new research projects by providing support in designing methodology and report writing and editing. He also supported in data extraction, cleaning and analysis for reporting and manuscripts, and organized knowledge resources and facilitate dissemination of resources.

Abhishek's performance was good and he was able to accomplish the assigned tasks timely and successfully. He worked diligently during this period and displayed positive attitude and effective interpersonal, communication and professional skills.

I wish him success in life.

On behalf of Jhpiego

Vidya Tulsidharan

Ms. Vidya Tulsidharan
Director: HR

IIHMR University Faculty Mentor Approval

This is to certify that Mr. Abhishek Tanwar of academic year 2023-25 of Institute of Health Management Research has prepared a poster with respect to his summer internship held during May-June 2024.

He has carried out work as per the guidelines. His poster is approved for presentation.

Date: 19/07/2024

A handwritten signature in blue ink, appearing to read 'Vinod Kumar SV'.

Mr. Vinod Kumar SV

Designation: Professor

ABOUT THE ORGANIZATION

The Johns Hopkins Program for International Education in Gynecology and Obstetrics. It is founded in 1973, Jhpiego has been innovating to save the lives of women and families worldwide. It is a nonprofit global leader in the creation and delivery of transformative health care solutions for the developing world In partnership with national governments, health experts and local communities. It build health providers' skills and develop systems that save lives now and guarantee healthier futures for women and their families. Jhpiego aims revolutionizing health care for the planet's most disadvantaged people.

VISION

Jhpiego creates and delivers transformative health care solutions that save lives. In partnership with national governments, health experts and local communities, Jhpiego builds health providers' skills and develops systems that save lives now and guarantee healthier futures for women and their families.

MISSION

Self-reliant countries, healthy families and resilient communities. All women and families, regardless of where they live, having equitable access to high-quality, lifesaving health care delivered by competent and caring providers.

ORGANIZATION STRUCTURE

COUNTRY DIRECTOR	DY. COUNTRY DIRECTOR	PROGRAM DIRECTOR	PROGRAM MANAGER
STATE PROGRAM OFFICER	SR. PROGRAM OFFICER	PROGRAM OFFICER	PROGRAM CO-ORDINATOR

DIFFERENCE B/W THEORETICAL AND PRACTICAL EXPOSURE

Theory acts as the cornerstone of knowledge, offering a framework to understand the ongoing processes. However, practical experience takes center stage when it comes to applying that knowledge. It's through practical exposure that healthcare professionals hone their skills, learn from real-world situations, and adapt theoretical concepts for optimal patient care.

SWOT ANALYSIS

STRENGTH	WEAKNESS	THREAT	OPPORTUNITIES
Improves data collection.	Reliant on internet.	Device issues.	Integrate with other systems.
Aid-decision making.	Requires user training.	Low user adoption.	Expand functionalities.
standardizes ANC process.	Data privacy concern.	Other competitor applications.	Expansion in other states.

CHALLENGES FACED DURING INTERNSHIP

Extreme Weather Conditions
Restrictions on Field Visits.
Gap b/w classroom learning & practical application
Unclearing or poorly defined roles & responsibilities

LEARNINGS DURING INTERNSHIP:

1. Learn how to effectively communicate and engage with healthcare professionals like (CHO, DPO, RCHO, PO).
2. Insights into functioning of public healthcare system.
3. Healthcare documentation and record keeping.
4. Insights into digital data of maternal and child health.

USEFULNESS

Networking
Skill Development
Practical experience
Understanding the working of public health organization

SUGGESTION TO ORGANIZATION

- I. Interdepartmental employee interaction should be increase.
- II. Adequate monitoring of data entered in the PRASAV WATCH application.
- III. Provision of regular training for healthcare providers involved in ARS I-COC.

INTRODUCTION

The Prasav Watch application has emerged as a crucial tool in ANC, aiding in the monitoring of maternal health during pregnancy. However, its potential to effectively capture and utilize post-delivery data for maternal and neonatal health surveillance remains underexplored. It aims to fill this knowledge gap by comprehensively examining the parameters of post-delivery data collected through the Prasav Watch application. By evaluating the data's quality, completeness, and relevance to understand its potential to contribute to improved maternal and neonatal health outcomes.

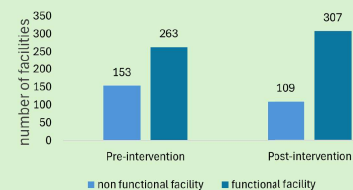
RESULT

Within a Two-month period, conducted a successful intervention and improved the functionality of Prasav Watch application facilities across various healthcare centers (CHC, PHC, DH, and SDH) in multiple locations throughout a district in Rajasthan. This initiative focused on addressing the challenges hindering the functionality of non-functional facilities of prasav watch application and implementing necessary logistical solutions.

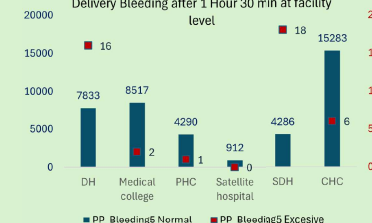
OBJECTIVE

- To Evaluate the efficacy of post-delivery data collected via Prasav Watch application in monitoring maternal and neonatal health.
- To assess the functionality of Prasav Watch application facilities at the CHC, PHC, DH, SDH levels, identify barriers hindering optimal performance, and develop strategies to enhance facility functionality and utilization.

Prasav Watch application functional facilities status



Comparison of Normal and Excessive Post Delivery Bleeding after 1 Hour 30 min at facility level



Non-Contracted Uterus per 10,000 Deliveries



Weekly Report

Name of the Organisation: JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

Stream: HOSPITAL AND HEALTH MANAGEMENT

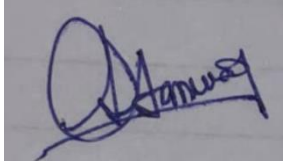
Week no: 1

From: 01/05/2024 to 03/05/2024

Activity Done	-Introduced by State program officer Mr. Rovin Sharma. - Briefed by the Director of the JHPIEGO, Rajasthan Dr. Yashpal Jain about the ongoing – MCH & antenatal projects and working of JHPIEGO in India. -Given a choice between analysis& literature review for the project. -Work done: 1. Listed all the National Health Programs, reporting of cases/people under them to the government whether manually or by any digital portal (monitoring & surveillance). Also to mention if any incentives are being provided under the program. 2. Gathered the data on the prevalence of three major diseases – AIDS, MALARIA, & T.B. and their impact on maternal and child health. 3. Pharmacological task- Organized the set of medicines according to their drug category type.
Linking theory (Classroom learning) with practice at your organisation	During the NHP module, I learned about various programs and their beneficiaries and what circumstances led to the launch of those programs.
Gaps identified on the working area.	During lectures, I gained the knowledge through the teacher's point of view , but during this work I delved into it and surfed the dashboards and portals for every program which gave me an insight about how these programs work and how government is getting the statistics from the grass root level.
Suggestions for improvement	1. Much practical knowledge is needed for understanding public health at the grass root levels. We need to think how the National Health Programs work and become successful, rather than just listening to the limited information which was

	taught during the lectures. Staff should be trained for proper patient handling/shifting. 2. Display of OPD pharmacy should be positioned properly.
Plan for the next week	To read about 2 apps created by JHPIEGO i.e., Born Healthy & Prasav Watch ,that will be discussed in the coming week.

Signature of the Student



Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation: JHPIEGO (RAJASTHAN)

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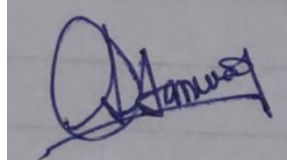
Stream: HOSPITAL AND HEALTH MANAGEMENT

Week no: 2

From: 06/05/2024 to 10/05/2024

Activity Done	Work done: tasks focused on Antenatal Care (ANC) for pregnant women. Delved into the specific details of ANC and gained a comprehensive understanding of the different healthcare levels involved. We were tasked with creating a Frequently Asked Questions (FAQ) document on ferric carboxymaltose (FCM) and a presentation on the guidelines for FCM administration.
Linking theory (Classroom learning) with practice at your organisation	During the NHP module, I learned about various programs and their beneficiaries and what circumstances led to the launch of those programs including RMNCHA+N.
Gaps identified on the working area.	During lectures, I gained the knowledge, but during this work I delved into it and surfed the dashboards and portals, which gave me an insight about how these programs work and how government is getting the statistics from the grass root level and how these interventions are implemented in society.
Suggestions for improvement	Much practical knowledge is needed for understanding public health at the grass root levels. We need to think how the National Health Programs work, how interventions are implemented and become successful, rather than just listening to the limited information which was taught during the lectures.
Plan for the next week	Presentation on FCM (ferric carboxy maltose) I/V Infusion. FAQ on FCM Draft to be submitted to our SPO of Jhpiego.

Signature of the Student

A handwritten signature in blue ink, appearing to be 'Anurag', written on a light-colored background.

Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation: JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

Stream: HOSPITAL AND HEALTH MANAGEMENT

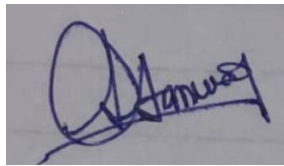
Week no: 3

From: 13/05/2024 to 17/05/2024

Activity Done	One more orientation done for Jhpiego's ongoing programs ARS, Prasav Watch. ✓ Tasked with the question "how does the infusion of multivitamins and the vitamin B12 in conjunction with IFA and Ca⁺, impact on the anaemia state of the pregnant women." ✓ We created a Frequently Asked Questions (FAQ) document on ferric carboxymaltose (FCM) and a presentation on the guidelines for FCM administration. ✓ Evaluation of "Prasav Watch" in 3 Districts i.e. Udaipur, bundi, and salumber district. ✓ Data mining from the "Prasav Watch" portal for number of deliveries occurring at which "prasav Watch" is active for the FY 2023-2034. ✓ Found articles for the evidence of the fact that a greater number of births occur in the month of June and July, September etc. ✓ Review for the causes of reduced ANC's provided by midwives and their effects. ✓ Literature review to ascertain the incidence rates of complications occurring during intrapartum period of pregnancy. ✓ Delved in to intricacies of "Prasav Watch." A component of ARS-2.0
Linking theory (Classroom learning) with practice at your organisation	During the module of NHP & RESEARCH METHODOLOGY, I learned about various programs related to maternal and child health and also got to know about the research methods and literature review process

Gaps identified on the working area.	During lectures I was taught great, but during this work I delved into it and surfed the dashboards and portals. which gave me an insight about how these programs work and how government is getting the statistics from the grass root level and how these interventions are implemented in society
Suggestions for improvement	Much practical knowledge and more exposure to the field is needed for understanding public health at the ground levels. We need to think that, how the National Health Programs and other non-government/non-profit organizations of the public health field work, how interventions implemented and become successful, rather than just listening to the limited information which was taught during the lectures.
Plan for the next week	We'll learn about the different tools which are used to analyze qualitative and the quantitative data. STATA & THEMEATIC analysis through self-learning process.

Signature of the Student



Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation: JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

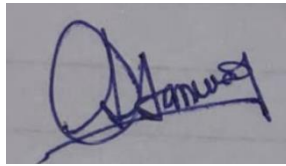
Stream: HOSPITAL AND HEALTH MANAGEMENT

Week no: 4

From: 20/05/2024 to 24/05/2024

Activity Done	Delved in to intricacies of “Prasav Watch.” A component of ARS-2.0 ✓ Worked on STATA and THEMATIC ANALYSIS ✓ Self-learning process
Linking theory (Classroom learning) with practice at your organisation	During the module of NHP, I learned about various programs related to maternal and child health and got to know about the research methods and literature review process.
Gaps identified on the working area.	During lectures I was taught great, but during this work I delved into it and surfed the dashboards and portals. which gave me an insight about how these programs work and how government is getting the statistics from the grass root level and how these interventions are implemented in society
Suggestions for improvement	Much practical knowledge and more exposure to the field is needed for understanding public health at the ground levels. We need to think that, how the National Health Programs and other non-government/non-profit organizations of the public health field work, how interventions implemented and become successful, rather than just listening to the limited information which was taught during the lectures.
Plan for the next week	We'll learn more about the different tools which are used to analyze qualitative and quantitative data. STATA & THEMEATIC analysis through self-learning process.

Signature of the Student

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Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation: JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

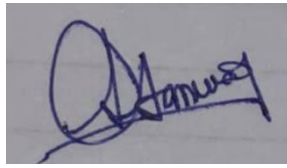
Stream: HOSPITAL AND HEALTH MANAGEMENT

Week no: 5

From: 27/05/2024 to 31/05/2024

Activity Done	1. Data Analysis of the organizations data, on STATA. 2. Worked on Prasav Watch data, connected with the high delivery load non-functional facilities (CHC, PHC, DH, SDH) RCHO'S, PO, DPO, where data of the deliveries were not uploaded on the Prasav Watch portal by healthcare professionals. 3. Organization meeting transcription done. 4. Organogram of the Jhpiego organization. 5. Self-learning process. 6. Pie chart and bar graph created after data interpretation
Linking theory (Classroom learning) with practice at your organisation	During the module of Essentials of Demography, I learned about various demographic data of different – different states, related to maternal and child health and got to know about the process of graph creation, data interpretation, which helped a lot in process of organizational data interpretation and working on different data sets.
Gaps identified on the working area.	During lectures I was taught great, but during this work I delved into it and surfed the dashboards and portals. which gave me an insight about how these all works
Suggestions for improvement	Much practical knowledge and more exposure to the field is needed for understanding public health at the ground levels. We need to think that, how the National Health Programs and other non-government/non-profit organizations of the public health field work, how interventions implemented and become successful, rather than just listening to the limited information which was taught during the lectures.
Plan for the next week	We will be assigned with individual topics to work and ongoing Project discussion will be continued.

Signature of the Student

A handwritten signature in blue ink, appearing to be 'Rajni' or similar, written on a light-colored background.

Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation: JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: - MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

Stream: HOSPITAL AND HEALTH MANAGEMENT

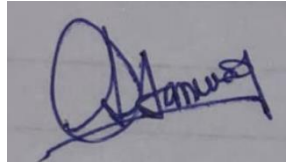
Week no: 6

From: 03/06/2024 to 07/06/2024

Activity Done	✓ Gap analysis ✓ Worked on Prasav Watch data, connected with the high delivery load nonfunctional facilities (CHC, PHC, DH, SDH) RCHO'S, PO, DPO, where data of the deliveries were not uploaded on the Prasav Watch portal by healthcare professionals. ✓ Updated the data of prasav watch with the help of the master data. ✓ Data mining for organization through the different-different govt. portals. ✓ Topic assigned - Digital lead to better monitoring of the vital parameters during fourth stage of labour
Linking theory (Classroom learning) with practice at your organisation	During the module of Essentials of Demography, I learned about various demographic data of different – different states, and got to know about the process of graph creation, data interpretation, which helped a lot in process of organizational data interpretation and working on different data sets.
Gaps identified on the working area.	During lectures I was taught great, but during this work I delved into it and surfed the dashboards and portals. which gave me an insight about how these all works
Suggestions for improvement	Much practical knowledge, more exposure to the field is needed for understanding public health at the ground levels. We need to think that, how the National Health Programs and other nongovernment/non-profit organizations of the

	public health field work, how interventions implemented and become successful, rather than just listening to the limited information which was taught during the lectures. Hand on project could be helpful .
Plan for the next week	Assigned with individual topics to work and ongoing Project will be continued.

Signature of the Student



Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation: JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

Stream: - HOSPITAL AND HEALTH MANAGEMENT

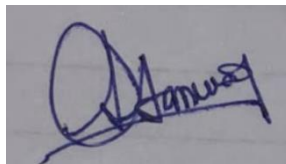
Week no: 7

From: 10/06/2024 to 14/06/2024

Activity Done	✓ Gap analysis ✓ Updated the data of prasav watch with the help of the master data. ✓ Worked on Topic assigned – does Digital lead to better monitoring of the vital parameters during fourth stage of labor. ✓ Created excel spreadsheet of about 42000 data set entries. ✓ Data analysis done from the extracted data. ✓ Created pie chart, bar graphs, histogram and other graphs to represent data. ✓ Prepared the PowerPoint presentation from the analyzed data.
Linking theory (Classroom learning) with practice at your organisation	During the modules of research methodology and Essentials of Demography, I learned about various data of different – different states and did literature review where I got to know about the process of graph creation, data interpretation, which helped a lot in process of organizational data interpretation and working on different data sets & analysis part.
Gaps identified on the working area.	During this week, I worked on the data of prasav watch more deeply and delved into it and surfed multiple variables from the data sets, I found that there is a lot to work on the capacity building of the healthcare professionals. As sufficient resources are provided to them to get the better outcomes in digital data, but they are not using it in its best

	way which leads to generate the wrong data on the organizations portal, which could be mis leading.
Suggestions for improvement	Much practical knowledge, more exposure to the field is needed for understanding public health at the ground levels. We need to think that, how the National Health Programs and other nongovernment/non-profit organizations of the public health field work, how interventions implemented and become successful, rather than just listening to the limited information which was taught during the lectures. Hand on project could be helpful. And also, capacity building of the healthcare professionals must require time to time. We need to create awareness among themselves (healthcare workers/professionals) about the importance of digital data.
Plan for the next week	Data transcription Data analysis

Signature of the Student



Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation : JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

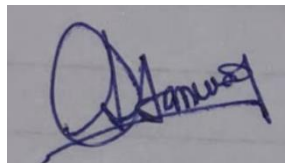
Stream: HOSPITAL AND HEALTH MANAGEMENT

Week no: 8

From: 17/06/2024 to 21/06/2024

Activity Done	Worked on Topic assigned – does Digital lead to better monitoring of the vital parameters during fourth stage of labor. Data transcription Presentation prepared
Linking theory (Classroom learning) with practice at your organisation	During the module of digital health, I learned about digital data ,where I got to know about the process of data interpretation, which helped a lot in process of organizational data interpretation and working on different data sets & analysis part.
Gaps identified on the working area.	Nil
Suggestions for improvement	Nil
Plan for the next week	Poster making for presentation

Signature of the Student



Approved by the IIHMR University's Mentor

Weekly Report

Name of the Organisation : JHPIEGO (RAJASTHAN)

Area/ Department/ Project of Summer Internship Program: MATERNAL AND CHILD HEALTH

Name of the Student: ABHISHEK TANWAR

Roll no: 1662

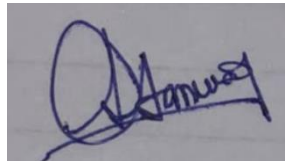
Stream: HOSPITAL AND HEALTH MANAGEMENT

Week no: 9

From: 24/06/2024 to 28/06/2024

Activity Done	Data transcription ✓ Poster preparation
Linking theory (Classroom learning) with practice at your organisation	Nil
Gaps identified on the working area.	Nil
Suggestions for improvement	Nil
Plan for the next week	Poster making for presentation

Signature of the Student



Approved by the IIHMR University's Mentor

Compiled Report

Name of the Organisation: JHPIEGO, RAJASTHAN.

Area/ Department/ Project of Summer Internship Program: MATERNAL & CHILD HEALTH

Name of the Student: Abhishek Tanwar

Roll no:1662

Stream: Hospital and Health Management

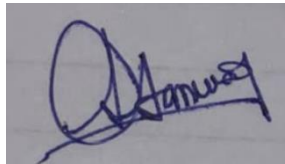
Activity Done	1. -Introduced by State program officer Mr. Rovin Sharma. -Briefed by the Director of the JHPIEGO, Rajasthan Dr. Yashpal Jain about the ongoing – MCH & antenatal projects and working of JHPIEGO in India. - Given a choice between analysis& literature review for the project. 2. -Work done: 3. Listed all the National Health Programs, reporting of cases/people under them to the government whether manually or by any digital portal (monitoring & surveillance). Also to mention if any incentives are being provided under the program. 4. Gathered the data on the prevalence of three major diseases – AIDS, MALARIA, & T.B. and their impact on maternal and child health. 5. Pharmacological task- Organized the set of medicines according to their drug category type. 6. Tasks focused on Antenatal Care (ANC) for pregnant women. Delved into the specific details of ANC and gained a comprehensive understanding of the different healthcare levels involved. 7. We were tasked with creating a Frequently Asked Questions (FAQ) document on ferric carboxymaltose (FCM) and a presentation on the guidelines for FCM administration. 8. One more orientation done for Jhpiego's ongoing programs ARS, Prasav Watch. 9. Tasked with the question “how does the infusion of multivitamins and the vitamin B12 in conjunction with IFA and Ca+,
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	impact on the anaemia state of the pregnant women.” 10. We created a Frequently Asked Questions (FAQ) document on ferric carboxymaltose (FCM) and a presentation on the guidelines for FCM administration. 11. Evaluation of “Prasav Watch” in 3 Districts i.e. Udaipur, bundi, and salumber district. 12. Data mining from the “Prasav Watch” portal for number of deliveries occurring at which “prasav Watch” is active for the FY 2023-2034. 13. Found articles for the evidence of the fact that a greater number of births occur in the month of June and July, September etc. 14. Review for the causes of reduced ANCs provided by midwives and their effects. 15. Literature review to ascertain the incidence rates of complications occurring during intrapartum period of pregnancy. 16. Delved in to intricacies of “Prasav Watch.” A component of ARS-2.0. 17. Worked on STATA and THEMATIC ANALYSIS ✓ Self-learning process. 18. Data Analysis of the organizations data, on STATA. 19. Worked on Prasav Watch data, connected with the high delivery load non-functional facilities (CHC, PHC, DH, SDH) RCHO’S, PO, DPO, where data of the deliveries were not uploaded on the Prasav Watch portal by healthcare professionals. 20. Organization meeting transcription done. 21. Organogram of the Jhpiego organization. 22. Pie chart and bar graph created after data interpretation. 23. Gap analysis 24. Updated the data of prasav watch with the help of the master data. 25. Data mining for organization through the different-different govt. portals. 26. Topic assigned - Digital lead to better monitoring of the vital parameters during fourth stage of labour.
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	27. Worked on Topic assigned – does Digital lead to better monitoring of the vital parameters during fourth stage of labor. 28. Created excel spreadsheet of about 42000 data set entries. 29. Data analysis done from the extracted data. 30. Created pie chart, bar graphs, histogram and other graphs to represent data. 31. Prepared the PowerPoint presentation from the analysed data. 32. Data transcription 33. Presentation prepared. 34. Data transcription and Poster preparation
Linking theory (Classroom learning) with practice at your organisation	During the NATIONAL HEALTH PROGRAM(NHP) MODULE, I learned about various programs and their beneficiaries circumstances led to the launch of those programs including RMNCHA+N. During the module RESEARCH METHODOLOGY, I learned about various programs related to maternal and child health and also got to know about the research methods and literature review process. During the module of ESSENTIALS OF DEMOGRAPHY, I learned about various demographic data of different – different states, related to maternal and child health and got to know about the process of graph creation, data interpretation, which helped a lot in process of organizational data interpretation and working on different data sets. Besides this, every single module which were taught to us helped me throughout my internship program.
Gaps identified on the working area.	During lectures, I gained the knowledge through the teacher's point of view, but during this work I delved into it and surfed the dashboards and portals for every program which gave me an insight about how these programs work and how government is getting the statistics from the grass root level and How these intervention are implemented in society. I worked on the data of prasav watch more deeply and delved into it and surfed multiple variables from the data sets, I found that there is a lot to work on the capacity building of the healthcare professionals. As sufficient resources are provided

	to them to get the better outcomes in digital data, but they are not using it in its best way which leads to generate the wrong data on the organization's portal, which could be mis leading.
Suggestions for improvement	Much practical knowledge is needed for understanding public health at the grass root levels. We need to think how the National Health Programs work and become successful, rather than just listening to the limited information which was taught during the lectures. More exposure to the field is needed for understanding public health at the ground levels. We need to think that, how the National Health Programs and other non-government/non-profit organizations of the public health field work, how interventions implemented and become successful, rather than just listening to the limited information which was taught during the lectures. Hand on project could be helpful. And, capacity building of the healthcare professionals must require time to time. We need to create awareness among themselves (healthcare workers/professionals) about the importance of digital data.

Signature of the Student



Approved by the IIHMR University's Mentor

PROJECT REPORT



Dr. Abhishek Tanwar

MBA-HM28

IMPROVING FUNCTIONALITY OF PRASAV WATCH APPLICATION IN RAJASTHAN STATE

EXECUTIVE SUMMARY

This project assessed the functionality of Prasav Watch, a digital application for recording antenatal care data and aiding healthcare worker decision-making, in healthcare facilities across Rajasthan, India. Through collaboration with local health officials and communication with healthcare providers, the project aimed to improve Prasav Watch utilization. The initial assessment identified 417 facilities with access to the application, of which only 263 were functional. Following intervention and problem-solving with healthcare workers, the number of functional facilities increased to 307, representing a 44% improvement.

INTRODUCTION

This report outlines the efforts undertaken to improve the functionality and usage of the Prasav Watch application across healthcare facilities in Rajasthan, facilitated by Jhpiego. The Prasav Watch app is designed to digitally record antenatal care data and aid in decision-making, including monitoring through the Partograph during labor.

BACKGROUND

Jhpiego was founded in 1973 as an affiliate of Johns Hopkins University. Jhpiego focuses on improving reproductive, maternal, and child health globally through innovative training and health system strengthening initiatives.

PROJECT SCOPE

The project focused on assessing and improving the utilization of the Prasav Watch application in Rajasthan, specifically targeting 360 high-volume delivery points out of a total of 2000 delivery points across the state. The aim was to increase the functionality of facilities equipped with the Prasav Watch, including PHCs, CHCs, SDHs, DHs, and Satellite hospitals.

ACTIVITIES:

ASSESSMENT PHASE

Facility Identification: Collaborated with Rajasthan health officials (RCHO, CHO) and program personnel (DPM, DPO) to identify healthcare facilities with access to Prasav Watch (tablets, printers, Wi-Fi, and stands). Focused on high delivery points (facilities exceeding 50 deliveries per month) among the 2000 delivery points in Rajasthan.

Functionality Assessment: Contacted healthcare workers at various facilities (CHCs, PHCs, DHs, SDHs, and satellite hospitals) to determine Prasav Watch utilization. Assessed if they were:

- Using the application.
- Updating data regularly.

- **Initial Status:** Before intervention, out of 417 facilities, 263 were functional and actively using the Prasav Watch application.
- **Challenges Identified:** Through interactions with healthcare providers (RCHO, CHO, DPM, DPO), issues hindering data upload and usage were identified, including logistical and training gaps.

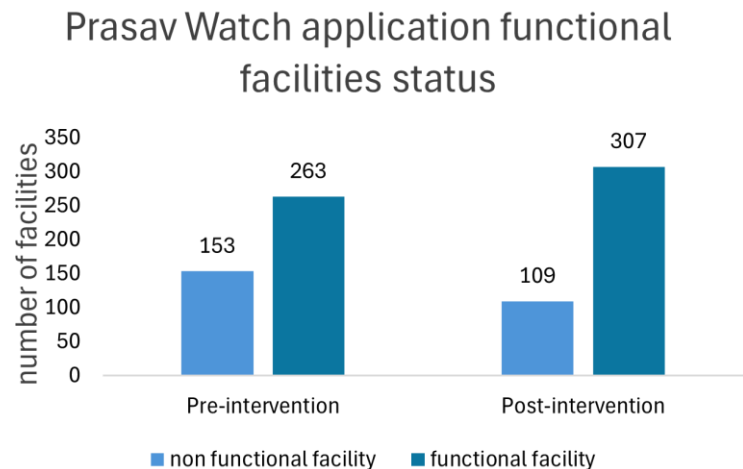
INTERVENTION PHASE

- **Engagement and Support:** Engaged with healthcare providers to address challenges.
- **Logistical Support:** Provided necessary Logistics (tablets, printers, Wi-Fi facilities, stands) to support Prasav Watch usage.
- **Training:** Conducted training sessions to ensure healthcare workers were proficient in using the application effectively.

OUTCOME

- **Increased Functionality:**
Post-intervention, the number of functional facilities increased from 263 to 307.

- **Impact:**
Improved data accuracy and timeliness, leading to better decision-making in antenatal care and intrapartum monitoring.



DISCUSSION

The project successfully increased Prasav Watch functionality by 44 facilities. This improvement suggests potential for enhanced data collection, informed decision-making, and improved maternal and child health outcomes in Rajasthan. Understanding and addressing healthcare worker challenges proved crucial in increasing application usage.

SUGGESTIONS

- Ensure ongoing support and monitoring to sustain and further improve Prasav Watch utilization.
- Expand interventions to additional facilities and regions within Rajasthan.
- Continuously assess and evaluate the impact of the Prasav Watch application on maternal and child health outcomes.
- Analyze collected data to identify areas for further improvement.
- Explore opportunities to expand Prasav Watch utilization to additional facilities.

CONCLUSION

The project successfully enhanced the functionality and utilization of the Prasav Watch application across Rajasthan's healthcare facilities, contributing to improved maternal and child health outcomes. Through collaborative efforts with healthcare providers and stakeholders, Jhpiego continues to advance its mission of providing equitable access to high-quality healthcare globally.

This report highlights the transformative impact of technology and training in improving healthcare delivery, aligned with Jhpiego's mission and vision of ensuring healthier futures for women and families worldwide.