

SUMMER INTERNSHIP PROGRAM

at

JHPIEGO, Jaipur

1st May 2024 to 30th June 2024

A REPORT BY

Rahul Mewara

Master of Business Administration

Health & Hospital Management

2023-25

under the Mentorship of

Dr. Mamta Chouhan

(Professor)

IIHMR University

Jaipur, Rajasthan

July 02, 2024

CERTIFICATE OF INTERNSHIP

This is to certify that Dr. Rahul Mewara has completed his internship with Jhpigo 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.

Rahul'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 Jhpigo

Vidya Tulsidharan

Ms. Vidya Tulsidharan
Director: HR

IIHMR University Faculty Mentor Approval

This is to certify that Dr. Rahul Mewara of academic year 2023-25 of Institute of Health Management Research has prepared 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 'Mamta'.

(Signature of Faculty Mentor)

Dr. Mamta Chouhan

Professor
IIHMR UNIVERSITY JAIPUR

SUMMER INTERNSHIP AT JHPIEGO

Presented By- Rahul Mewara
Roll No- 1787
Batch – HM 28

Under the guidance of
Dr. Mamta Chouhan (university mentor)
& Mr. Rovin Sharma (organization mentor)

Mission

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.

Vision

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.

History

Since its founding in 1973 by Dr. Theodore M. King, Jhpiego, an affiliate of Johns Hopkins University, has been committed to saving lives and enhancing the health of women and families worldwide. Originally focusing on reproductive health training and education, Jhpiego has expanded its expertise to maternal and child health, HIV/AIDS, and infectious diseases. With field offices in over 30 countries, Jhpiego implements practical, low-cost innovations such as competency-based training, infection prevention, and the single visit approach for cervical cancer prevention. By leveraging technology and fostering local capacity, Jhpiego continues to address evolving global health challenges through initiatives like USAID's MOMENTUM Country and Global Leadership program.



Learning During Internship

- Acquired knowledge of how the healthcare system operates at the grassroots level
- Recognized the critical role of ASHA workers and ANMs in delivering healthcare services at the community level
- Understand the existing healthcare infrastructure and services at the ground level

Theoretical Understanding

Modules helped me learn Health Systems, Financial Accounting, Research Methodology concepts which I could apply on my on-site practical domain.

Practical Understanding

The practical exposure helped me understand ground issues of the system by engaging directly with the real world data and stakeholders.



Usefulness of Internship

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



Suggestions

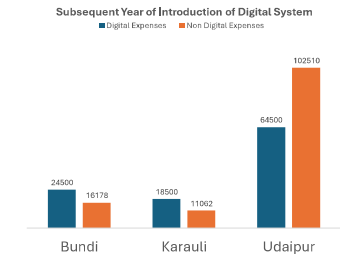
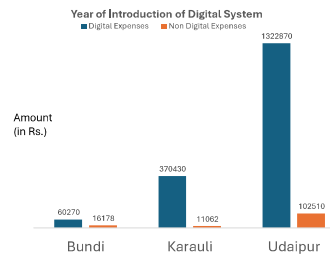
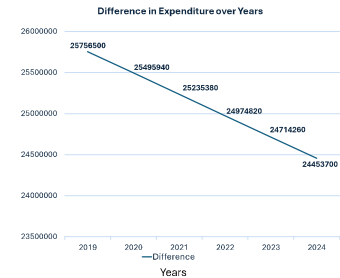
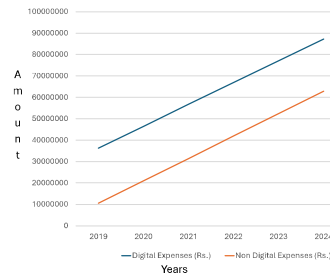
- Strengthen training programme by identifying and addressing learning gaps for ANMs, MOs.
- The state office should be expanded with sufficient staff presence in the project district.

About Project

Aim of the project is to calculate cost effectiveness of digital system vs non digital system

Digital System includes Tablets, Wifi router, printer, tablet stand and recurring cost.

Non Digital System includes different registers and stationery being used for data entry.



Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 01

From: 01 May 2024 to 03 May 2024

Activity Done	After the induction from the JHPIEGO Jaipur team, tasks were assigned such as compiling data related to national health programs, their reporting mechanisms, and incentives provided within the schemes. Additionally, I was tasked with creating a report on malaria in pregnancy, covering its prevalence, symptoms, and management at various levels including ASHA-ANM level, MO level, etc. Furthermore, I was assigned the responsibility to review articles pertaining to malaria in pregnancy. Lastly, I was required to classify drugs into different classes according to their classification.
Linking theory (Classroom learning) with practice at your organisation	The theoretical knowledge imparted to us by our faculties in the classroom setting proved invaluable when applying it to our work at the organization. Understanding the concepts of National Health programs facilitated our tasks, enabling us to perform them effectively. Additionally, having previously conducted literature reviews as part of our assignments made it easier for us to undertake similar tasks when required. This seamless transition from theory to practice enhanced our ability to fulfill our responsibilities efficiently.
Gaps identified on the working area.	One of the key areas for improvement is the need to enhance our understanding of various national health programs by digging deeper into their details. This entails developing the skills to conduct thorough research and analysis to gain a comprehensive understanding of the programs, including their objectives, implementation strategies, and impact. By improving our ability to dig deeper into these programs, we can better contribute to their success and effectiveness in addressing public health challenges.
Suggestions for improvement	Implementing hands-on sessions for students would be beneficial in enhancing their understanding of various national health programs. These sessions could involve practical exercises where students actively research and analyze different aspects of the programs, such as their objectives, target populations, implementation methods, and outcomes. By actively engaging in hands-on activities, students can develop valuable skills in data collection, analysis, and interpretation, thus enabling them to gain a deeper understanding of the complexities of national health programs. Additionally, providing guidance and mentorship during these sessions can further support students in their learning process and help them apply theoretical knowledge to real-world scenarios effectively.

Plan for the next week	Read and Participate in a discussion about Prasav Watch - Born Healthy. Will Receive specific project assignments.
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Signature of the Student- Rahul Mewara

Approved by the IIHMR University's Mentor

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 02

From: 06 May 2024 to 10 May 2024

Activity Done	Developed a Differential Care Package Created tools for conducting focused group discussions. Designed a format for tracking women's nutrition during pregnancy. Familiarized with the organization's hierarchy. Initiated the preparation of FAQs and a PowerPoint presentation on Ferric Carboxymaltose.
Linking theory (Classroom learning) with practice at your organisation	Organisation behaviour and str Intervention tailored to specific target population and their need focused group discussion -tools. Use of ferrous carboxy maltose to reduce anaemia during pregnancy.
Gaps identified on the working area.	A crucial gap identified in our working area is the need for in-depth knowledge about ferrous carboxymaltose. Understanding this medication is essential for effectively addressing anaemia, particularly during pregnancy.
Suggestions for improvement	Closing this gap through targeted education and training initiatives will be instrumental.
Plan for the next week	Prepare FAQs and ppt on Ferric carboxy maltose.

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 03

From: 13 May 2024 to 17 May 2024

Activity Done	Entered data from the Prasav Watch portal. Compared this data with state-level data for analysis and reporting. Transcribed focused group discussions and semi-structured interviews for further analysis. Participated in the organization's orientation program to better understand the organization's goals, processes, and culture. Prepared FAQs to provide comprehensive information about Ferric Carboxymaltose, including its usage, benefits, and potential side effects. Initiated collecting articles on barriers and facilitators to the implementation of antenatal syphilis screening and treatment at the community level for a comprehensive literature review.
Linking theory (Classroom learning) with practice at your organisation	Theories and methodologies related to conducting focused group discussions and semi-structured interviews. Class on MS Office tools helped me in tasks such as data entry from the Prasav Watch portal, preparing FAQs on Ferric Carboxymaltose. Skills in conducting literature reviews were developed, including searching for relevant articles, evaluating their quality, and summarizing findings. Various maternal and childcare programs were studied which helped us to get better understanding of the work which we are doing.
Gaps identified on the working area.	The current curriculum does not sufficiently cover the latest programs and initiatives in the field of public health and maternal and child care. There is a lack of emphasis on teaching students how to effectively find and verify authentic research papers.
Suggestions for improvement	Integrate up-to-date information on new health programs and initiatives into classroom teaching to ensure students are well-prepared and knowledgeable about current practices and innovations. Implement training sessions on how to search for and evaluate authentic research papers. This could include lessons on using academic databases, understanding peer-reviewed journals, and recognizing credible sources of information.
Plan for the next week	To read and understand semantic analysis. Complete collection of resources on barriers and facilitators to the implementation of antenatal syphilis screening and treatment at the community.

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 04

From: 20 May 2024 to 24 May 2024

Activity Done	Transcribed semi-structured interviews to gather qualitative data for further analysis. Collected and reviewed resources related to antenatal syphilis screening. Acquired fundamental skills in using Stata for statistical analysis and thematic analysis for qualitative analysis. Assisted in preparation of power point presentation on the Panchayati Raj Institutes in India.
Linking theory (Classroom learning) with practice at your organisation	Theories and methodologies related to conducting semi-structured interviews. Assignments on literature reviews, including searching for academic papers, evaluating their credibility,
Gaps identified on the working area.	There is a need for foundational knowledge in thematic analysis to better analyze qualitative data collected from interviews and focus group discussions. Also, we lack basic skills in using Stata, a powerful tool for statistical analysis, which limits our ability to perform advanced data analysis.
Suggestions for improvement	Incorporate introductory lessons on Stata in the curriculum. Introduce thematic analysis basics in classroom teaching. Both can be included under Value Added Classes for detailed knowledge.
Plan for the next week	Analyze qualitative data using thematic analysis to identify key themes and patterns. Perform data analysis using Stata to gain insights from the collected data.

Signature of the Student Rahul Mewara

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 05

From: 27 May 2024 to 31 May 2024

Activity Done	Hands on of Prasav watch application Thematic Analysis Review of literature Data analysis using Stata and its representation Transcription of meeting
Linking theory (Classroom learning) with practice at your organisation	Assignments on literature reviews, including searching for academic papers, evaluating their credibility
Gaps identified on the working area.	Nil
Suggestions for improvement	Nil
Plan for the next week	Project allotment for poster presentation.

Signature of the Student- Rahul Mewara

Approved by the IIHMR University's Mentor

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 06

From: 03 June 2024 to 07 June 2024

Activity Done	Review of literature Feedback on Prasav watch application Collected IEC material from govt. & WCD website for maternal & child health Extracted Budget allotment for IEC material by Govt.
Linking theory (Classroom learning) with practice at your organisation	Assignments on literature reviews, including searching for academic papers, evaluating their credibility Understanding of IEC material as we made & reviewed IEC material during class assignments
Gaps identified on the working area.	Nil
Suggestions for improvement	Nil
Plan for the next week	Work on allotted project from organisation.

Signature of the Student- Rahul Mewara

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 07

From: 10 June 2024 to 14 June 2024

Activity Done	Gap analysis Updated the data of prasav watch with the help of the master data. Worked on Topic assigned – does Digital system cost effective than non digital. Created excel spreadsheet with 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.	Nil
Suggestions for improvement	Nil
Plan for the next week	Data analysis

Signature of the Student - Rahul Mewara

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 08

From: 17 June 2024 to 21 June 2024

Activity Done	Transcription of semi structured interviews and focus group discussions Submission and discussion on IEC material submitted
Linking theory (Classroom learning) with practice at your organisation	During module we evaluated and made IEC material which gave us deep understanding of them. Knowledge of focused group discussions and semi structured interviews.
Gaps identified on the working area.	Nil
Suggestions for improvement	Nil
Plan for the next week	Poster Approval from mentor

Signature of the Student Rahul Mewara

Approved by the IIHMR University's Mentor

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Annexure-E

Reporting Format (Weekly)

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Week no: 09

From: 24 June 2024 to 28 June 2024

Activity Done	Review of literature Preparation and submission of Internship report at organisation
Linking theory (Classroom learning) with practice at your organisation	Assignments on literature reviews, including searching for academic papers, evaluating their credibility
Gaps identified on the working area.	Nil
Suggestions for improvement	Nil
Plan for the next week	Nil

Signature of the Student Rahul Mewara

Approved by the IIHMR University's Mentor

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Compiled Reporting Format

Name of the Organisation: JHPIEGO, Jaipur

Area/ Department/ Project of Summer Internship Program: Maternal & Child Care

Name of the Student: Rahul Mewara

Roll no: 1787

Stream: Hospital & Health Management

Activity Done

I have compiled an exhaustive list of all national health programs that are active in India. This list includes how these programs report or how they give forms of motivation. In addition, I have collected data on the prevalence rate of malaria during the gestational period and came up with a special care package for ante-natal care (ANMs), community health workers (ASHAs), medical officers (MOs), and referral care emphasizing effects on maternal and child health. My contribution also amounts to creating Pregnancy Nutrition Tracker for monitoring malnutrition through this period. In preparation for qualitative research, I shaped a Focus Group Discussion (FGD) tool to be utilized in exploring the obstacles and opportunities faced by expectant mothers in accessing anti-natal care (ANC) nutrition services while also forming Frequently Asked Questions (FAQs) about Ferric Carboxy Maltose (FCM). This involved transcribing semi-structured interviews as well as FGDs for midwives and obstetricians at their respective workplace (delivery room), thereby entering details into a different instrument used for evaluating the Prasav Watch feedback received from two districts of Bundi and Udaipur in Rajasthan.

I completed a literature review on percentage of complications during the intrapartum period and designed diverse analytic criteria for data collected through the Prasav Watch portal. My review also addressed barriers as well as enablers of implementing antenatal syphilis screening and treatment in communities. Utilizing Stata I analyzed data and supported thematic analysis. I also transcribed a Jhpiego meeting involving vendors, got IEC materials for maternal as well as child health from state governments and WCD departments in different states, and looked for budget allocations meant for these IEC materials. I developed IEC slogans for maternal

nutrition in addition to carrying out an analysis on cost effectiveness between digital and non-digital systems in a poster presentation format.

Linking theory (Classroom learning) with practice at your organisation

The theoretical knowledge imparted by our faculty in the classroom proved invaluable when applied to our work at the organization. Understanding the concepts of National Health Programs facilitated our tasks and enabled us to perform them effectively. Previous experience in conducting literature reviews as part of our assignments made similar tasks easier, enhancing our ability to transition seamlessly from theory to practice. This transition allowed us to utilize interventions tailored to specific target populations, such as focused group discussions and other relevant tools. For instance, using ferrous carboxymaltose to reduce anaemia during pregnancy was informed by these discussions. Theories and methodologies related to conducting focused group discussions and semi-structured interviews were particularly beneficial. Classes on MS Office tools were helpful for various tasks, such as data entry from the Prasav Watch portal and preparing FAQs on Ferric Carboxymaltose. Our skills in conducting literature reviews were honed, including searching for relevant articles, evaluating their quality, and summarizing findings. Studying various maternal and childcare programs provided a better understanding of our work. Understanding and evaluating Information, Education, and Communication (IEC) material, which we often engaged with during class assignments, also proved beneficial. Modules on research methodology and the essentials of demography provided insights into data from different states, literature review processes, graph creation, and data interpretation. These skills were crucial for interpreting organizational data and working on various data sets and analyses.

Gaps identified on the working area

We encountered several challenges during our tenure, including difficulties coordinating with our mentor due to his busy work schedule and a lack of field exposure. The office faced space constraints, and the staff underutilized and lacked enthusiasm towards the interns, leading to limited interaction. Additionally, there were no facilities for disabled persons as the office operates from a residential property, and no nearby canteen facilities. A significant issue was the lack of ongoing training modules for health workers in health facilities. The Prasav Watch application had technical glitches, and the introduced IoT devices suffered from connectivity and accuracy issues. Insufficient data entries from health facilities contributed to improper data analysis.

One key area for improvement is the need to deepen our understanding of various national health programs to better contribute to their success and effectiveness in addressing public health challenges. A crucial gap identified is the need for in-depth knowledge about ferrous carboxymaltose. The current curriculum does not sufficiently

cover the latest programs and initiatives in public health and maternal and child care. There is also a lack of emphasis on teaching students how to effectively find and verify authentic research papers. Furthermore, there is a need for foundational knowledge in thematic analysis to better analyze qualitative data collected from interviews and focus group discussions. We also lack basic skills in using Stata, a powerful tool for statistical analysis, which limits our ability to perform advanced data analysis.

Suggestions for improvement

Implementing a well-structured work schedule and involving interns in fieldwork can be effectively managed. Extra food items can be provided in the existing office kitchen. Timely training modules can be offered to healthcare facilities for both doctors and paramedical staff. Enhancing the user interface of the Prasav Watch app and resolving technical glitches, along with providing certified and tested IoT devices to improve work efficiency, are critical improvements. Hands-on sessions for students would significantly enhance their understanding of various national health programs, and guidance and mentorship during these sessions would support students in applying theoretical knowledge to practical scenarios.

Addressing educational gaps through focused training initiatives is essential. Integrating current information on new health programs and initiatives into classroom teaching ensures students are well-prepared and informed about contemporary practices and innovations. Implementing training sessions on searching for and evaluating authentic research papers, including using academic databases and understanding peer-reviewed journals, is crucial. Introducing Stata in the curriculum and providing foundational lessons on thematic analysis in Value Added Classes would offer comprehensive knowledge and skill development.

Signature of the Student- Rahul Mewara

Approved by the IIHMR University's Mentor