

Labour Room Data Management System

Jhpiego, Jharkhand

This Software is mainly used for capturing the data from Labor Room Register. It automatically generates the Monthly Progress Report and Birth Certificate. It also provides a backup to the database and helps to share the data to others (if needed).

Need of the Software

During the project we found that facilities which had high delivery load, needed some easy and user friendly software to enter their Labor Room data and analyze it. On request of some facilities we developed the software in MS-Access. It took 15 days to develop the software.

System requirements

MS-Office 2007 with MS-Access

CPU	1.4GHz processor
RAM	512MB RAM minimum
Hard drive space	2GB free hard drive space for installation; final amount used depends on which features are installed
Monitor	Monitor capable of 1024x768 resolution
Operating system	Windows XP with Service Pack 2 or later

Software overview

This Software is mainly used for capturing all the data from Labor Room Register (LRR). It is very easy to enter the data from LRR and all the reports are generated by at a click of a button. The main source of this software is LRR. After capturing all the data from LRR, it automatically generates the Monthly Progress Report (MPR) by clicking only a button. It Prints Birth Certificates based on registration number of the mother. It also provides a backup to the database into your Desktop and helps to share the data to others directly by mail.

Project Detail

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Considerable efforts have been made in the recent years to increase access to high-quality institutionalized care during antenatal, delivery, and postpartum periods in public sector. However, despite contributing to care for a large proportion of institutional deliveries, private sector has not received similar focus and there is a need for quality improvement and engagement in government schemes in a more structured fashion. Jhpiego, in collaboration with the state and national governments and Federation of Obstetric and Gynecological Societies of India (FOGSI), and with support from MSD for Mothers, is implementing a 3-year program, with an aim to increase access to high-impact, evidence-based antenatal, intrapartum and immediate postpartum care to mothers by leveraging the presence and enterprise of private sector providers in Uttar Pradesh and Jharkhand.

Software Details

Labor Room Register

- Click the **Labor Room Register** button and fill all the required data. Some fields are mandatory. Refer **Detail field description of Labor Room Register** below for mandatory fields.

Select **District, Facility Name, Year and Month** first to start data entry

District Facility Name Year Month

- Click **Add** to enter new data.
- Click **Save** to save the current work
- Click **Delete** to delete current record
- Click **Undo** to cancel previous task
- Click **Record Navigation** buttons to move between records.

Record Operations

Add Record
Save Record

Delete
Undo Record

Record Navigation

First Record
Last Record

Next Record
Previous Record

- Click Find button to Find Record based on Registration Number.

Form Operations

Find

Close Form

Enter Mother Registration Number in **Find What** tab and press **Find Next**. It will search and display the details of particular Registration Number.

If Registration Number is not found, it will display "Search Item is NOT Found" message.

Find and Replace
?
X

Find
Replace

Find What:
Find Next

Look In:
Current document

Match:
Whole Field

Search:
All

☐ Match Case
☒ Search Fields As Formatted

Enter Registration Number of Mother

Cancel

- Click **Close Form** Button to Save and Close the Labor Room Register.

Monthly Progress Report (MPR)

Click **Monthly Progress Report (MPR)** button to create MPR for respective month.

Year	<input type="text"/>	Month	<input type="text"/>	MPR	Email	Close
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Select respective Year and Month and click **MPR**. It will generate monthly report automatically.

Click **Email** button to send the MPR to "mprmf@gmail.com".

Click **Close** button to close the form.

Birth Certificate

Click **Birth Certificate** button to create birth certificate of the baby. It will ask relevant Registration Number of Mother.

Enter Parameter Value ? x

Registration no. Value

OK Cancel

Enter Registration Number of Mother

After entering relevant Registration Number of Mother it will display relevant birth certificate of the baby with all the details. **Print** the Certificate than **Close** the Form.

If Registration Number is not found it will display Birth Certificate with no data

Print Close

स्थापित : 1977

फोन : 224505

प्रकाशचन्द्र जैन सेवा सदन

(सोसाईटीज रजिस्ट्रेशन एक्ट 21,1880 के अन्तर्गत निबन्धन सं०-134/1974-75)

क्र. सं.

डालटनगंज

जन्म प्रमाण-पत्र

रजि० संख्या-

दिनांक 27 Aug 2015

यह प्रमाणित किया जाता है कि श्रीमती Manju

धर्मपत्नी श्री Tirtha

ग्राम/मुहल्ला chasayer home road

पोस्ट bariyatu

थाना bariyatu

शहर ranchi

जिला Dhanbad

ने सेवा सदन के प्रसव-कक्ष में (सामान्य प्रसव/ऑपरेशन) द्वारा पुत्र/पुत्री को जन्म दिया।

जन्मतिथि 15-07-15

जन्म समय 07:10:00

शिशु का वजन 2.5

मुख्य परिवारिका

डॉक्टर

Close Birth Certificate

Print Birth Certificate

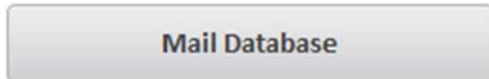
Backup of Labor Room Register

Click this button to make a copy of Labor Room Register in your Desktop. This button will create a excel file named "Labor Room Register" in your Desktop.



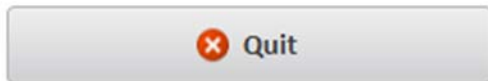
Mail Database

This button will automatically open your outlook and create a new mail to "mprmf@gmail.com" with an attachment file of Labor Room Register. It will share your entire database with us. You can change the email address as well.



Quit

Quit button will automatically save all the tasks and exit from Access.



Detail field description of Labor Room Register

Field Name	Description	Mandatory
ID	System generated Automatic Number	
Facility Code	Hospital Code	
Registration no	Mother Identification Number	✓
District	District Name	✓
Facility Name	Facility Name	✓
YearSN	Year Serial Number	✓
MonthSN	Month Serial Number	✓
Year	Year	✓
Month	Month	✓
Name of Client	Name of the Mother	✓
Husband's Name	Husband's Name	✓
Address	Address of the Mother	✓
Post	Post	
Thana	Thana	
City	City	
Mobile No	Mobile Number for contact	
Religion	Religion of the Mother	
Education	Education of the Mother	
Age (in Year)	Age of the Mother	
LMP	Last Menstruation Period	
EDD	Expected Delivery Date	
Gravida	Number of Gravida	✓
Parity	Number of Parity	✓
Abortion	Number of Abortion	
Living Children	Number of Living Children	
Previous Caesarean	Previous Caesarean if any	
Previous Complications	Previous Complications if any	
Admission Date	Date of Admission	✓
Admission Time	Time should entered in 24 hours format	✓
Booked/Unbooked	Booked=1; Unbooked=2	
Term	Term (Full Term=1; Pre-Term=2; Post-dated=3)	
BP at admission	Record BP at admission	
Temperature at admission	record Temperature at admission	
FHR	record FHR	
Proteinuria	record proteinuria	
HB gms%	record HB gms%	

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Pulse Rate	record Pulse Rate of the Mother	
Blood Group	record Blood group of the Mother	
HIV	record HIV test result	✓
Malaria	record Malaria test result	
Hep B	record Hep B test result	
Partograph	fill Partograph	
SCC	fill SCC	
Induction	Induction done?	
Augmentation	Augmentation done?	
Episiotomy	Episiotomy done?	
AMTSL	AMTSL done?	
Oxytocin IM	Oxytocin IM given?	
Misoprostol	Misoprostol given?	
Others	name the other Uterotonics, if given	
Antibiotics	Antibiotics given?	
Blood Transfusion	Blood Transfusion?	
Delivery Date	date of Delivery	✓
Delivery Time	Time should entered in 24 hours format	✓
Type of Delivery	Type of Delivery (Normal=1; Instrumental=2; Caesarean=3)	
In Caesarean, Indication	If Caesarean, mention the Indications	
Baby ID No	Baby Identification Number	
Sex of Baby	Sex of the baby (Male=1; Female=2; others=3)	✓
Weight of Baby	Weight of Baby	✓
Dried immediately after birth	Baby Dried immediately after birth	
Breast feed within 1 hour	Baby Breast-feed within 1 hour	
Vit K	Vitamin K given?	
Child condition at discharge	Child Condition at Discharge (Alive=1; Still birth=2; IUD=3; New born death=4)	✓
Mother condition at discharge	Mother Condition at Discharge (Alive=1; Maternal death=2)	✓
Date of Discharge of Mother	Date of Discharge of Mother	✓
Time of Discharge of Mother	Time should entered in 24 hours format	✓
BP of mother at discharge	BP of mother recorded at discharge	✓
Temperature of mother at discharge	Temperature of mother recorded at discharge	✓
Bleeding PV of mother	Bleeding PV of mother	✓
Temperature of child at discharge	Temperature of child recorded at discharge	✓
Feeding	proper feeding of baby (1=Normal,2=Abnormal)	✓
Respiratory Rate	Respiratory Rate of Baby	✓
com_M_APH	Complications of Mother - APH	

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com_M_PPH	Complications of Mother - PPH
com_M_Peclampsia	Complications of Mother - Pre Eclampsia
com_M_Eclampsia	Complications of Mother - Eclampsia
com_M_Sepsis	Complications of Mother - Sepsis
com_M_Obstructed	Complications of Mother - Obstructed Labor
com_M_Prolonged	Complications of Mother - Prolonged Labor
com_M_Other	Complications of Mother - Others
Others for Mother	Complications of Mother - Other Details
Mother Referred	if Mother Referred
com_C_Sepsis	Complications of Child - Sepsis
com_C_Asphyxia	Complications of Child - Asphyxia
com_C_LBW	Complications of Child - Low Birth Weight
com_C_Preterm	Complications of Child - Pre term
com_C_Other	Complications of Child - Other
Others for Baby	Complications of Child - Other Details
Child Referred	if Child Referred
Counselling	Counselling done?
PPFP_LAM	PPFP procedure LAM chosen
PPFP_ConDOM	PPFP procedure Condom chosen
PPFP_Injectable	PPFP procedure Injectable chosen
PPFP_PPIUCD	PPFP procedure PPIUCD chosen
PPFP_MaleSterilization	PPFP procedure Male Sterilization chosen
PPFP_PPS	PPFP procedure Post-partum Sterilization chosen
PPFP_Other	PPFP procedure Other chosen
Others for PPFP	If Other, please mention
Date when the Method was accepted	Date when the Method was accepted
Follow-up Date	Follow-up Date
Doctor Conducted the Delivery	Doctor Conducted the Delivery
Nurse Conducted the Delivery	Nurse Conducted the Delivery
Additional Details	Additional Details if any
code	same as facility code, storing it only for emergency use
Twins	If Twins, select the box.