



NEONATAL REPORT DOCUMENT

Version 1.0

By
R.R.Mahendran

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1. REPORTS



Fig: Reports

1.1. NICU REPORT

1.1.1. Filter

- 1.1.1.1. Select the “¹start date” from the datepicker
- 1.1.1.2. Eg [²01/01/2015]
- 1.1.1.3. Select the “End date” from the datepicker
- 1.1.1.4. Eg [³1/12/2015]
- 1.1.1.5. Select “Sex” from drop down list
- 1.1.1.6. Eg [Male]
- 1.1.1.7. Select “Seen by” from drop down list
- 1.1.1.8. Eg [Doctor’s Name]
- 1.1.1.9. Select “Type of Care” from drop down list
- 1.1.1.10. Eg [Intensive care]
- 1.1.1.11. Select “Status” from drop down list menu
- 1.1.1.12. Eg [Discharged]
- 1.1.1.13. Click on “Filter” button
- 1.1.1.14. Following print preview page should display and check the steps accordingly
 - 1.1.1.14.1. Mr No, Name, wks(Gestation), B.wt, Sex, DOB these values should be generated from “Baby Registration” Module i.e., Registration -> Baby Registration

¹ “” :- Module name

² [:- Examples

- 1.1.1.14.2. DOA(Admission date) value should be generated from “NICU Admission” module i.e., NICU Admission -> Admission Form -> Basics -> Admission date
- 1.1.1.14.3. DOL, Status, D.Wt, DOD values should be generated from “NICU Admission” module i.e., NICU Admission -> NICU Discharge details -> Discharge details
- 1.1.1.14.4. These values should be displayed in table format

1.2. OP REPORT

1.2.1. Filter

- 1.2.1.1. Select the “start date” from the datepicker
- 1.2.1.2. Eg [01/01/2015]
- 1.2.1.3. Select the “End date” from the datepicker
- 1.2.1.4. Eg [31/12/2015]
- 1.2.1.5. Select “Sex” from drop down list
- 1.2.1.6. Eg [Male]
- 1.2.1.7. Select “Seen by” from drop down list
- 1.2.1.8. Eg [Doctor’s Name]
- 1.2.1.9. Select “Outcome” from drop down menu
- 1.2.1.10. Eg [Sent home]
- 1.2.1.11. Select “Appointment type” from drop down list
- 1.2.1.12. Eg [New Appointment]
- 1.2.1.13. Click on “Filter” button
- 1.2.1.14. Following print preview page should display and check the steps accordingly
 - 1.2.1.14.1. Date value should be generated from “OP Registration” module i.e., OP Registration -> OP Date
 - 1.2.1.14.2. Mr No, Name, wks(Gestation), Wt(birth wt), Sex, DOB these values should be generated from “Baby Registration” Module i.e., Registration -> Baby Registration
 - 1.2.1.14.3. OFC, L(Length) values should be generated from “OP Registration” module i.e., OP Registration -> Baby Details
 - 1.2.1.14.4. Type, Outcome value should be generated from “OP Registration” module i.e., OP Registration -> Medical details
 - 1.2.1.14.5. These values should be displayed in table format

1.3. Pediatric Report

1.4. Newborn Report

1.4.1. Filter

- 1.4.1.1. Select the “start date” from the datepicker
- 1.4.1.2. Eg [01/01/2015]
- 1.4.1.3. Select the “End date” from the datepicker
- 1.4.1.4. Eg [31/12/2015]
- 1.4.1.5. Select “Sex” from drop down list
- 1.4.1.6. Eg [Male]
- 1.4.1.7. Select “Seen by” from drop down list
- 1.4.1.8. Eg [Doctor’s Name]
- 1.4.1.9. Click on “Filter” button

- 1.4.1.10. Following print preview page should display and check the steps accordingly
- 1.4.1.11. Mr No, Name, Sex, DOB values should be generated from “Baby Registration” Module i.e., Registration -> Baby Registration
- 1.4.1.12. Status values should be generated from “Postnatal Admission” i.e., Postnatal Admission -> Postnatal Discharge Details -> Discharge Details -> Newborn Screen
- 1.4.1.13. These values should be displayed in table format

1.5. Culture Report

- 1.5.1. Select the “start date” from the datepicker
- 1.5.2. Eg [01/01/2015]
- 1.5.3. Select the “End date” from the datepicker
- 1.5.4. Eg [31/12/2015]
- 1.5.5. Select “Sex” from drop down list
- 1.5.6. Eg [Male]
- 1.5.7. Select “Seen by” from drop down list
- 1.5.8. Eg [Doctor’s Name]
- 1.5.9. Select Specimen from drop down list
- 1.5.10. Eg [Blood]
- 1.5.11. Select Isolate from drop down list
- 1.5.12. Eg [CONS]
- 1.5.13. Click on “Filter” button
- 1.5.14. Following print preview page should display and check the steps accordingly
- 1.5.15. Mr No, Name, wks(Gestation), Wt(birth wt), Sex, DOB values should be generated from “Baby Registration” Module i.e., Registration -> Baby Registration
- 1.5.16. Date of Collection, Nature of Specimen, Isolate values should be generated from “Culture Registry” Module i.e., Tests -> Culture Registry -> Basics
- 1.5.17. These values should be displayed in table format

1.6. Live Birth Report

- 1.6.1. Select the “start date” from the datepicker
- 1.6.2. Eg [01/01/2015]
- 1.6.3. Select the “End date” from the datepicker
- 1.6.4. Eg [31/12/2015]
- 1.6.5. Select “Sex” from drop down list
- 1.6.6. Eg [Male]
- 1.6.7. Select “Seen by” from drop down list
- 1.6.8. Eg [Doctor’s Name]
- 1.6.9. Select Status from drop down menu
- 1.6.10. Eg [Inpatient]
- 1.6.11. Click on “Filter” button
- 1.6.12. Following print preview page should display and check the steps accordingly
- 1.6.13. Mr No, Name, wks(Gestation), Wt(birth wt), Sex, DOB values should be generated from “Baby Registration” Module i.e., Registration -> Baby Registration

- 1.6.14. Conception value should be generated from “Neonatal Proforma” i.e., Neonatal Proforma -> Admission Form -> Pregnancy
- 1.6.15. Mode of Delivery value should be generated from “Neonatal Proforma” i.e., Neonatal Proforma -> Admission Form -> Delivery
- 1.6.16. D.Wt, DOD values should be generated from “NICU Admission” module i.e., NICU Admission -> NICU Discharge details -> Discharge details
- 1.6.17. Status values should be generated from “Postnatal Admission” i.e., Postnatal Admission -> Postnatal Discharge Details -> Discharge Details -> Newborn Screen
- 1.6.18. These values should be displayed in table format

1.7. Baby Tag Printing

1.8. Annual Report

- 1.8.1. Select the “start date” from the datepicker
- 1.8.2. Eg [01/01/2015]
- 1.8.3. Select the “End date” from the datepicker
- 1.8.4. Eg [31/12/2015]
- 1.8.5. **Period of Comparison Start date**
- 1.8.6. Select the “start date” from the datepicker
- 1.8.7. Eg [01/01/2015]
- 1.8.8. **Period of Comparison End date**
- 1.8.9. Select the “End date” from the datepicker
- 1.8.10. Eg [31/12/2015]
- 1.8.11. Period of Comparison is to compare two months value or between the selected date
- 1.8.12. If user requires to add more comparison date, then click on “Add More” button
- 1.8.13. Enter the “Presented by” Name i.e., The person who is likely generating the report
- 1.8.14. Click on “Print” button
- 1.8.15. Following print preview page should display and check the steps accordingly
 - 1.8.15.1. Following CONTENTS – LIST OF TABLES should display
 - 1.8.15.2. Table 1: Total Live Births
 - 1.8.15.3. Table 2: Sex Distribution
 - 1.8.15.4. Table 3: Mode Of Conception
 - 1.8.15.5. Table 4: Mode Of Delivery
 - 1.8.15.6. Table 5: Gestation At Birth
 - 1.8.15.7. Table 6: Birth Weight Distribution
 - 1.8.15.8. Table 7: NICU Admissions
 - 1.8.15.9. Table 8: NICU Admissions Category
 - 1.8.15.10. Table 9: Patient-Days Of NICU Admissions
 - 1.8.15.11. Table 10: Admissions By Gestation
 - 1.8.15.12. Table 11: Admissions By Birth Weight
 - 1.8.15.13. Table 12: Chronic Lung Disease
 - 1.8.15.14. Table 13: Types Of Respiratory Therapy
 - 1.8.15.15. Table 14: Indications For Surfactant Therapy

- 1.8.15.16.** Table 15: Cardiovascular Morbidites
- 1.8.15.17.** Table 16: Gastrointestinal Morbidity
- 1.8.15.18.** Table 17: Retinopathy Of Prematurity
- 1.8.15.19.** Table 18: Sepsis Organisms In Blood
- 1.8.15.20.** Table 19: Survival To Discharge By Gestation
- 1.8.15.21.** Table 20: Survival To Discharge By Birth Weight
- 1.8.15.22.** Table 21: Characteristics Of Babies Who Died
- 1.8.15.23.** Table 22: Procedures Performed
- 1.8.15.24.** Table 23: Outside Referrals By Gestation

1.8.16. Table 1: Total Live Births

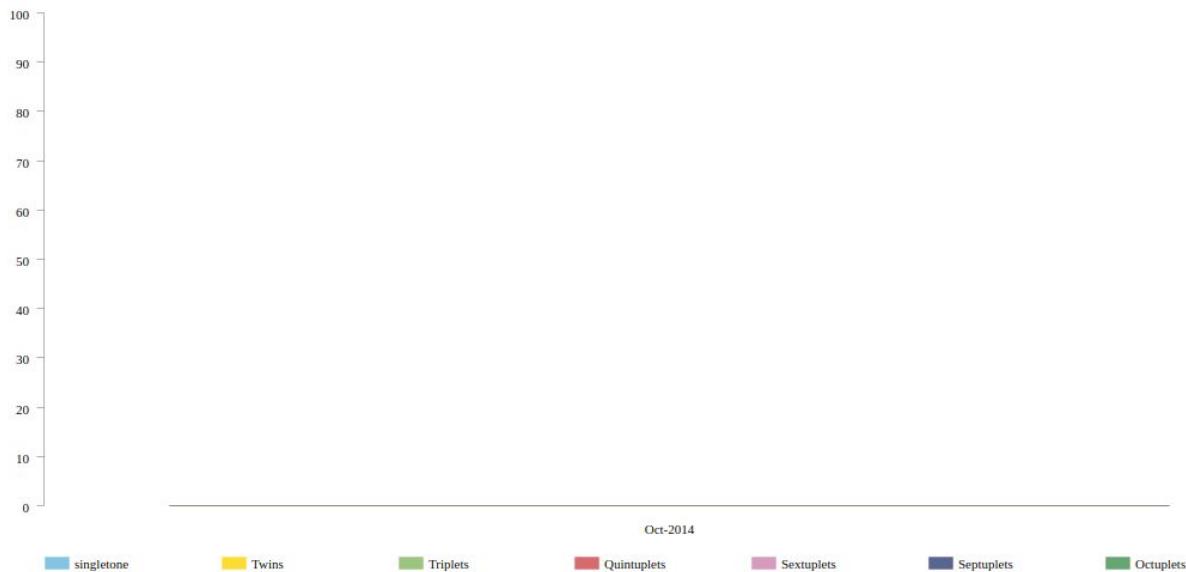
The screenshot shows the Neonatal software interface. The top navigation bar includes 'Neonatal', 'Dashboard', 'Masters', 'Settings', and a user account. The left sidebar has a dark background with white text and icons for various modules: REGISTRATION, Mother Registration, Baby Registration (highlighted by a red arrow), NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, NURSE DAILY ENTRY FORM, POSTNATAL ADMISSION, OP REGISTRATION, REPORTS, TESTS, CALCULATORS, and DELETE APPROVALS. The main content area is titled 'Baby Registration > Edit'. It contains fields for Mr No (123456789B), Baby Name (B/O Test Test), Birth Status (Inborn), DOB (26-02-2018), Birth Weight (1500 grams, 1.5 kilograms), Baby's Blood Group (AB Negative), and several dropdown menus for TOB (08, 01, AM), Multiple Pregnancy (Yes), Multiple Pregnancy Type (Twins), No. of babies admitted, Birth Order, Neonatal Consultant (Duty Doctor), and Paediatric Surgeon (Not Applicable). A 'Add More' button is also present.

Fig: Pregnancy Type

- 1.8.16.1.** Singleton, Twins, Triplets, Quadruplets, Quintuplets, Sextuplets, Septuplets, Octuplets should be generated from “Baby Registration” i.e., Registration -> Baby Registration -> Select Multiple pregnancy (Yes) -> Select Multiple Pregnancy Type
- 1.8.16.2.** Refer Fig: Pregnancy Type
- 1.8.16.3.** Live Birth table data will be generated based on the multiple pregnancy type entries from “Baby registration”
- 1.8.16.4.** Eg [If there are 10 Singleton entries in the database, then in Total Live Births table, total value of singleton entries (10) should display under Singleton]
- 1.8.16.5.** Refer **Fig: Table 1: Total Live Births**

Table 1: Total Live Births (Applies to inborn babies only)

Month	Singleton	Twins	Triplets	Quadruplets	Quintuplets	Sextuplets	Sextuplets	Octuplets	Total
Oct-2014	0	0	0	0	0	0	0	0	75

Figure 1: Total Live Births (Applies to inborn babies only)**Fig: Table 1: Total Live Births****1.8.17. Table 2: Sex Distribution**

- 1.8.17.1.** Male, Female, Indeterminate should be generated from “Baby Registration” i.e., Registration -> Baby Registration -> Sex
- 1.8.17.2.** Refer Fig: Sex
- 1.8.17.3.** Sex Distribution table data will be generated based on the Sex entries from “Baby registration”

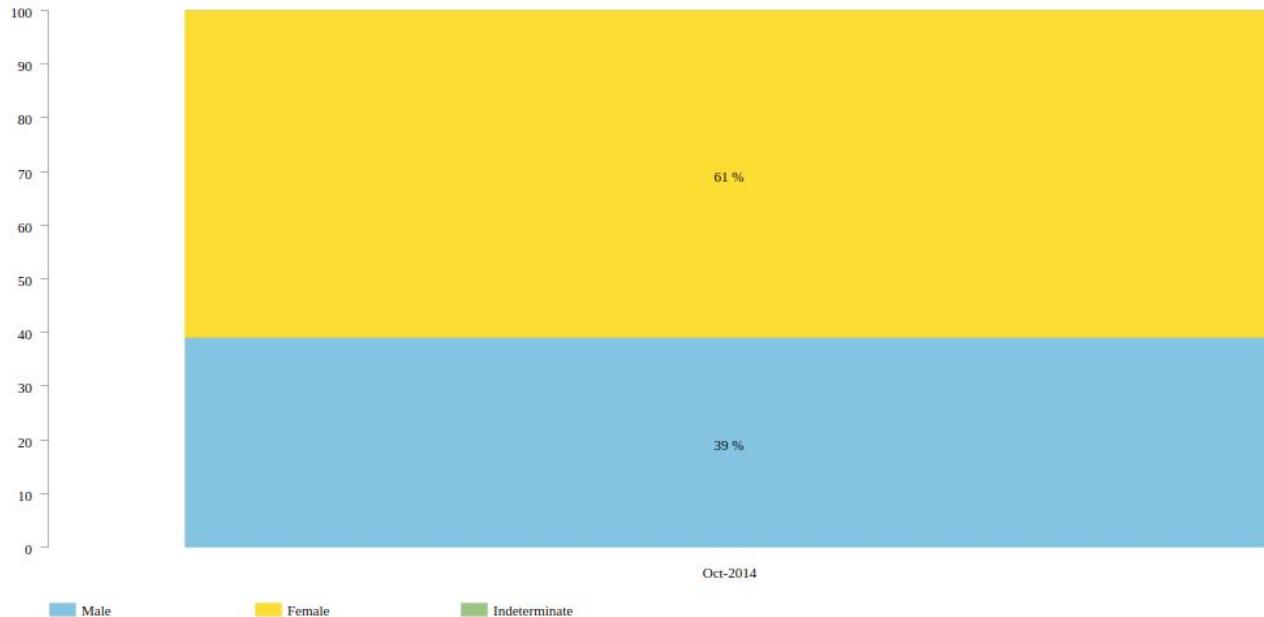
The screenshot shows the 'Baby Registration' page in the Neonatal software. The left sidebar has a dark background with white text and icons. Red arrows point to the 'Baby Registration' item and the 'Sex:' dropdown menu. The main area contains various input fields: Mr No (123456789B), Baby Name (B/O Test Test), Birth Status (Inborn), DOB (26-02-2018), Birth Weight (1500 grams), TOB (08:01 AM), Baby's Blood Group (AB Negative), Multiple Pregnancy (Yes), Multiple Pregnancy Type (Twins), No. of babies admitted (empty), Neonatal Consultant (Duty Doctor), Paediatric Surgeon (Not Applicable), Birth Order (--Select--), and Sex (Male).

Fig: Sex

- 1.8.17.4.** Eg [If there are 10 Male entries in the database, then in Sex Distribution table, total value of male entries (10) should display under male]
- 1.8.17.5.** Refer **Fig: Table 2: Sex Distribution**

Table 2: Sex Distribution (Applies to inborn babies only)

Month	Male	Female	Indeterminate
Oct-2014	29 (39 %)	46 (61 %)	0 (0 %)

Figure 2: Sex Distribution (Applies to inborn babies only)**Fig: Table 2: Sex Distribution****1.8.18. Table 3: Mode Of Conception**

- 1.8.18.1.** Spontaneous, Medical ART, ART should be generated from “Neonatal Proforma” i.e., Neonatal Proforma -> Admission Form -> Pregnancy -> Conception
- 1.8.18.2.** Refer Fig: Conception
- 1.8.18.3.** IVF and ICSI should be generated from “Type of ART” i.e., Select any one Medical ART or ART from conception drop down menu, Type of ART drop down displays
- 1.8.18.4.** Refer Fig: IVF and ICSI

Dashboard > Neonatal Proforma > Edit For B/O vimala sampath (Jeevaneka) 1400005641

Baby Details Parental Details Obstetric History Pregnancy Pregnancy Contd Labour Delivery APGAR Resuscitation Details

Essential Details New Born Examination

Conception:

- N/A
- N/A**
- Not Known
- Spontaneous
- Medical ART
- ART

EDD by USG:

14-11-2014

EDD by Dates:

Mother's Blood Group:

O Negative

HIV:

Non-reactive Reactive Unknown

Booked: Yes

Place of Booking:

Supervised: Yes

Place of Supervision:

Womens Center

Adjusted Risk for Trisomies available:

No

Other Investigations:

Fig: Conception

Dashboard > Neonatal Proforma > Edit For B/O vimala sampath (Jeevaneka) 1400005641

Baby Details Parental Details Obstetric History Pregnancy Pregnancy Contd Labour Delivery APGAR Resuscitation Details

Essential Details New Born Examination

Conception:

ART

Type of ART:

- ICSI
- Not Known
- SO
- CC10**
- CC50
- CC100
- IUI
- SO/IUI
- IVF
- ICSI
- ICSI - DEP
- ICSI - DOP
- ICSI - Donor Sperm
- GIFT
- ZIFT

14-11-2014

EDD by Dates:

Mother's Blood Group:

O Negative

Booked: Yes

Place of Booking:

Supervised: Yes

Place of Supervision:

Womens Center

Adjusted Risk for Trisomies available:

No

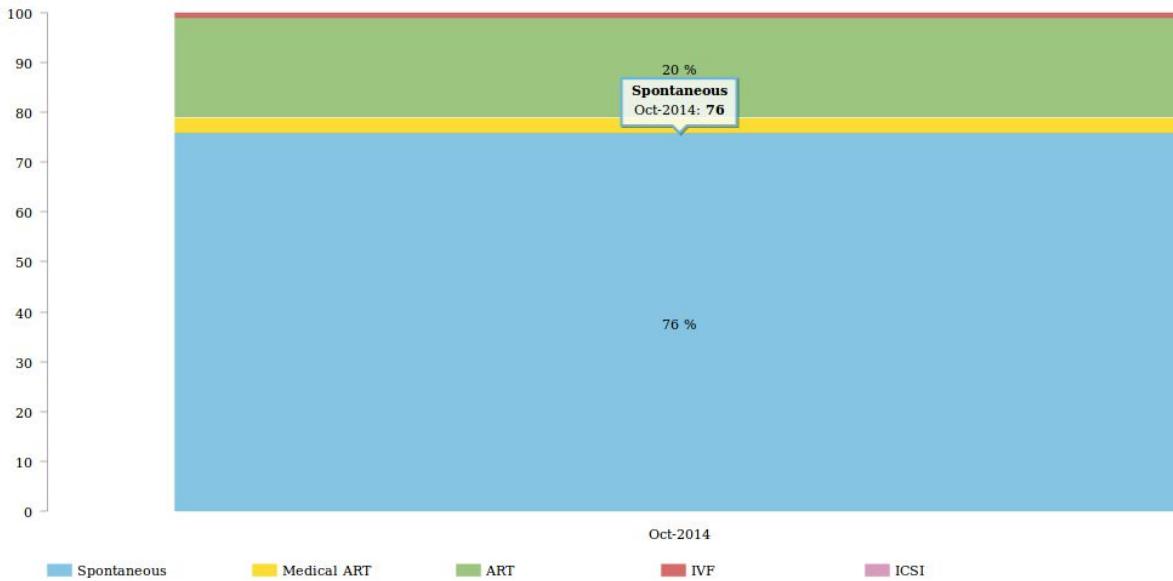
Other Investigations:

Fig: IVF and ICSI

- 1.8.18.5. Mode of Conception table data will be generated based on the entries from “Conception” and “Type of ART” drop down menu in “Pregnancy”

Table 3: Mode Of Conception (Applies to inborn babies only)

Month	Spontaneous	Medical ART	ART	IVF	ICSI
Oct-2014	57 (76 %)	2 (3 %)	15 (20 %)	4 (5 %)	N/A (N/A %)

Figure 3: Mode Of Conception (Applies to inborn babies only)**Fig: Table 3: Mode Of Conception**

- 1.8.18.6.** Eg [If there are 10 Spontaneous entries in the database, then in Mode of Conception table, total value of male entries (10) should display under male]
- 1.8.18.7.** The table values should also calculate the percentage and display
- 1.8.18.8.** Refer **Fig: Table 3: Mode Of Conception**

1.8.19. Table 4: Mode Of Delivery

- 1.8.19.1.** Vaginal, Cesarean Section, Instrumental(forceps + ventouse) should be generate from “Neonatal Proforma” i.e., Neonatal Proforma -> Admission Form -> Delivery -> Mode of Delivery
- 1.8.19.2.** Refer Fig: Mode of Delivery

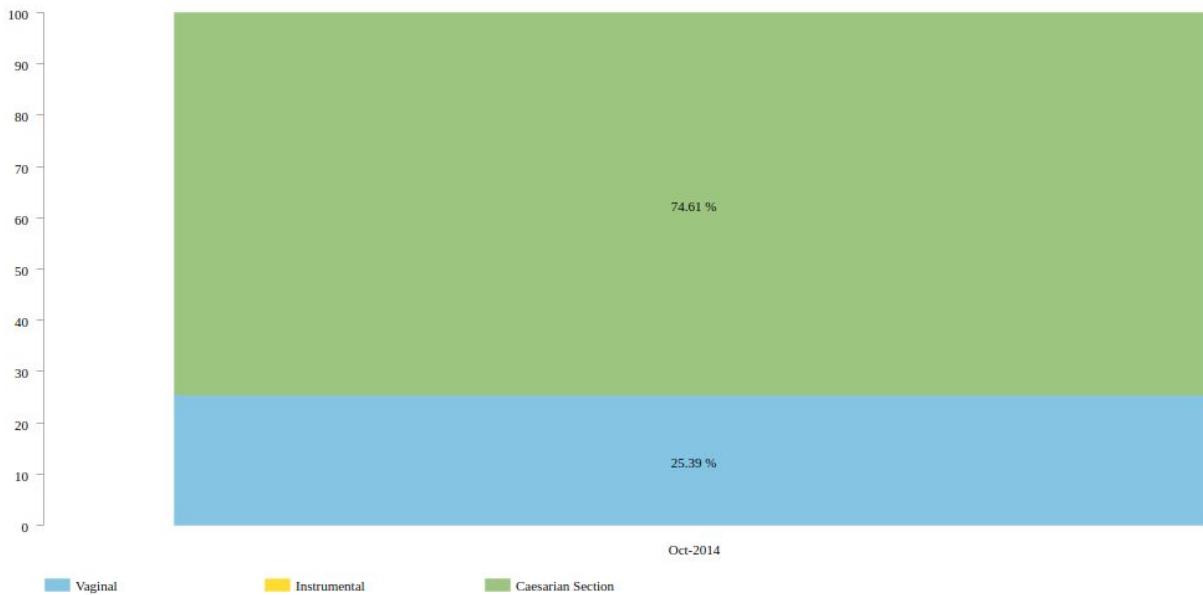
The screenshot shows the Neonatal software interface. The left sidebar has sections like REGISTRATION, NEONATE - BASIC ENTRY F..., Admission Form, NICU ADMISSION, NURSE DAILY ENTRY FORM, POSTNATAL ADMISSION, OP REGISTRATION, REPORTS, and TESTS. The main area shows a navigation path: Dashboard > Neonatal Proforma > Edit For B/O vimala sampath (Jeevaneka) 1400005641. The top navigation bar includes tabs for Baby Details, Parental Details, Obstetric History, Pregnancy, Pregnancy Contd, Labour, Delivery (which is highlighted with a red arrow), APGAR, and Resuscitation Details. Below these tabs are sub-sections for Essential Details and New Born Examination. On the right, there's a 'Type of Anesthesia:' section with buttons for Local, Spinal, Epidural, General, and None. Below that are fields for Apgars 1min (9), Apgars 5min (10), and Apgars 10min (10). The 'Mode Of Delivery' dropdown menu is open, showing options like Elective Caesarian, Normal Vaginal, Preterm Vaginal, Forceps, Ventouse, Assisted Breech, Emergency Caesarian, and Caesarian. The 'Elective Caesarian' option is selected and highlighted with a blue background.

Fig: Mode of Delivery

- 1.8.19.3.** Mode of Delivery table data will be generated based on the entries from “Mode of Delivery” drop down menu in “Delivery” module
- 1.8.19.4.** Eg [If there are 10 Vaginal entries in the database, then in Mode of Delivery table, total value of vaginal entries (10) should display under Vaginal]

Table 4: Mode Of Delivery (Applies to inborn babies only)

Month	Vaginal	Caesarian Section	Instrumental(forceps + ventouse)
Oct-2014	16 (25.39 %)	47 (74.61 %)	0 (0 %)

Figure 4: Mode Of Delivery (Applies to inborn babies only)**Fig: Table 4: Mode Of Delivery**

1.8.19.5. The table values should also calculate the percentage and display

1.8.19.6. Refer Fig: Table 4: Mode Of Delivery

1.8.20. Table 5: Gestation At Birth

1.8.20.1. Gestation (Weeks) should be generated from “Baby Registration” i.e., Registration -> Baby Registration -> Gestation weeks

1.8.20.2. Refer Fig: Gestation

The screenshot shows the Neonatal software interface. The left sidebar has a dark background with white icons and text. The 'BABY REGISTRATION' section is highlighted with a blue background and has a red arrow pointing to it. Below it, other sections like 'NICU ADMISSION', 'NURSE DAILY ENTRY FORM', etc., are visible. The main area is titled 'Baby Registration > Edit'. It contains various input fields: 'Mr No.' (123456789B), 'Baby Name.' (B/O Test Test), 'Birth Status.' (Inborn), 'DOB' (26-02-2018), 'TOB' (08:01 AM), 'Birth Weight (in grams)' (1500), 'Baby's Blood Group.' (AB Negative), 'Neonatal Consultant.' (Duty Doctor), 'Paediatric Surgeon.' (Not Applicable). There are dropdown menus for 'Multiple Pregnancy' (Yes), 'Multiple Pregnancy Type' (Twins), 'No. of babies admitted.', 'Birth Order' (--Select--), 'Sex' (Male), and 'Gestation' (Weeks: 39, Days: 5). A '+' Add More button is also present.

Fig: Gestation

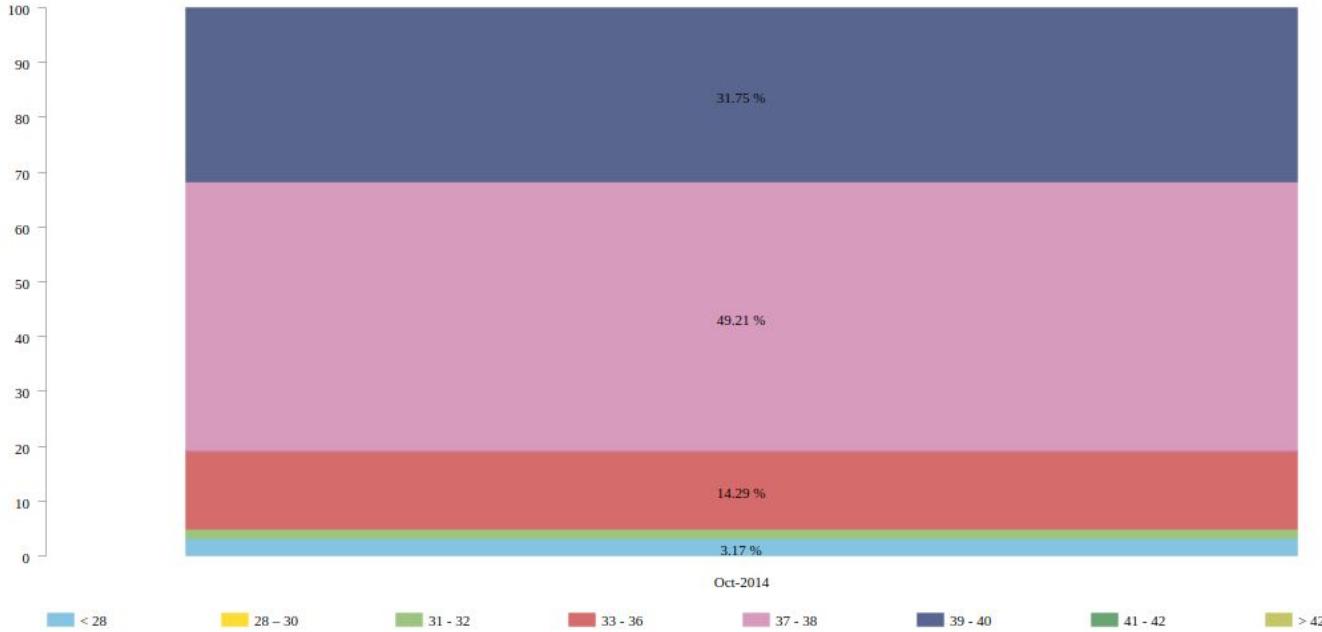
1.8.20.3. The Gestation values would be from 23 to 43

1.8.20.4. Gestation at birth table data will be generated based on the Gestation entries from “Baby Registration”

1.8.20.5. Eg [If there are 10 data entries from weeks 28 - 30 in database, then in Gestation at birth table, total value of weeks(10) Should display]

Table 5: Gestation At Birth (Applies to inborn babies only)

Month	< 28	28 – 30	31 - 32	33 - 36	37 - 38	39 - 40	41 - 42	> 42
Oct-2014	2 (3.17 %)	0 (0.00 %)	1 (1.59 %)	9 (14.29 %)	31 (49.21 %)	20 (31.75 %)	0 (0.00 %)	0 (0.00 %)

Figure 5: Gestation At Birth (Applies to inborn babies only)**Fig: Table 5: Gestation At Birth**

1.8.20.6. The table values should also calculate the percentage and display

1.8.20.7. Refer **Fig: Table 5: Gestation At Birth**

1.8.21. Table 6: Birth Weight Distribution

1.8.21.1. Birth Weight should be generated from “Baby Registration” i.e., Registration -> Baby Registration -> Birth Weight

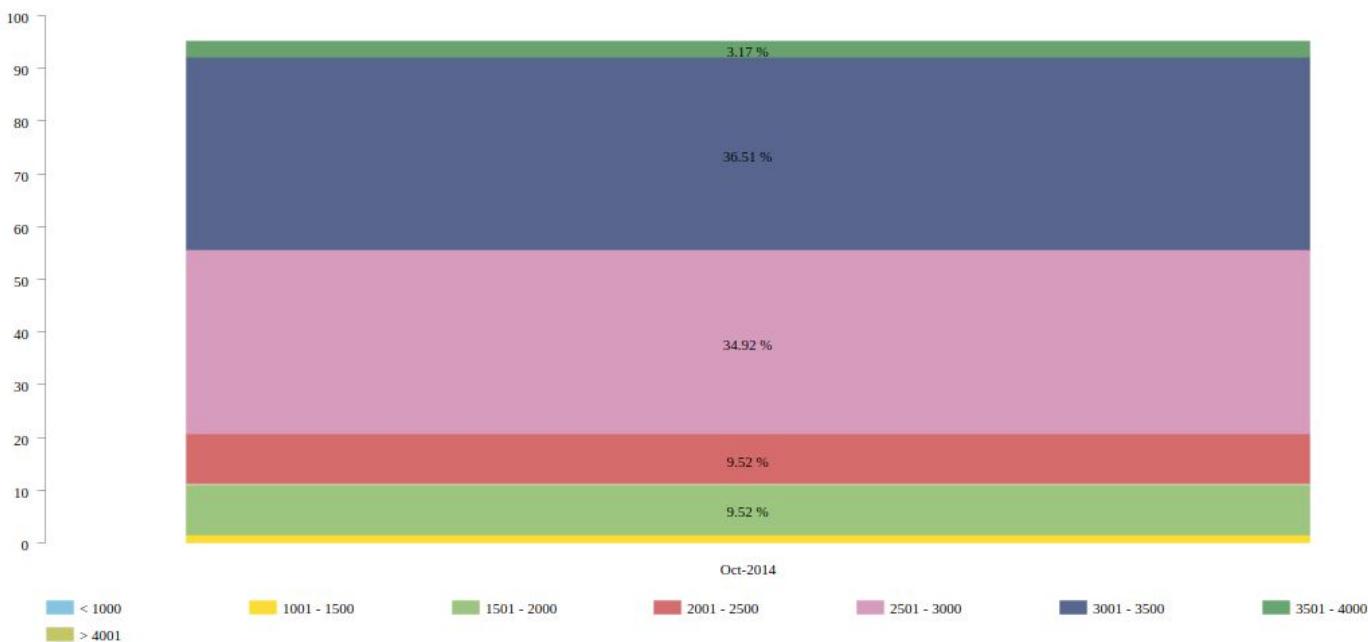
The screenshot shows the software's navigation bar with 'Neonatal' and various menu options like 'Dashboard', 'Masters', 'Settings', and 'manikandan'. The left sidebar has links for 'REGISTRATION', 'Mother Registration', 'Baby Registration' (which is highlighted with a red arrow), 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', and 'NURSE DAILY ENTRY FORM'. The main panel shows a form for 'Baby Registration' with fields for 'Mr No.', 'Baby Name' (highlighted with a red arrow), 'DOB' (13-10-2014), 'TOB' (N/A), 'Birth Status' (Inborn), 'Birth Weight (in grams)' (2700), 'Baby's Blood Group' (Not Known), and 'Birth Weight (in kilograms)' (2.7).

Fig: Birth Weight

- 1.8.21.2.** Refer Fig: Birth Weight
- 1.8.21.3.** The birth weight values would be in 4 digit whole number
- 1.8.21.4.** Birth Weight Distribution table data will be generated based on the “Birth Weight” entries from “Baby Registration”

Table 6: Birth Weight Distribution (Applies to inborn babies only)

Month	< 1000	1001 – 1500	1501 - 2000	2001 - 2500	2501 - 3000	3001 - 3500	3501 - 4000	≥ 4001
Oct-2014	2 (3.17 %)	1 (1.59 %)	6 (9.52 %)	6 (9.52 %)	22 (34.92 %)	23 (36.51 %)	2 (3.17 %)	1 (1.59 %)

Figure 6: Birth Weight Distribution (Applies to inborn babies only)**Fig: Table 6: Birth Weight Distribution**

- 1.8.21.5.** Eg [If there are 2 entries in 1250, 5 entries in 1300, then the value(7) should display in range 1001 to 1500 in Birth Weight Distribution]
- 1.8.21.6.** The table values should also calculate the percentage and display
- 1.8.21.7.** Refer **Fig: Table 6: Birth Weight Distribution**

1.8.22. **Table 7: NICU Admissions**

- 1.8.22.1.** Birth Status should be generated from “Baby Registration” i.e., Registration -> Baby Registration -> Birth Status
- 1.8.22.2.** Refer Fig: Birth Status

Dashboard > Baby Registration > Edit

Mr No: [REDACTED]

Baby Name: [REDACTED]

DOB: 13-10-2014

TOB: N/A N/A N/A

Birth Status: Inborn

Birth Weight (in grams) (in kilograms): 2700 2.7

Baby's Blood Group: Not Known

Fig: Birth Status

- 1.8.22.3.** NICU Admission table data will be generated based on the entries from “Birth Status” drop down menu in “Baby Registration”
- 1.8.22.4.** Eg [If the birth status is Inborn, then total no of Inborn(Count) in database should display in NICU Admission table]

Table 7: NICU Admissions (Applies to inborn & outborn babies.)

Month	Inborn	Outborn	Total
Oct-2014	18 (100 %)	0 (0 %)	18 (100 %)

Figure 7: NICU Admissions (Applies to inborn & outborn babies.)**Fig: Table 7: NICU Admissions**

- 1.8.22.5.** The table values should also calculate the percentage and display
1.8.22.6. Refer **Fig: Table 7: NICU Admissions**

1.8.23. Table 8: NICU Admissions Category

- 1.8.23.1.** Intensive Care, Special Care, High Dependency Care should be generated from “NICU Admission” i.e., NICU admission -> Admission Form -> Basics -> Type of Care
1.8.23.2. Refer Fig Type of Care)
1.8.23.3. NICU Admission Category table data will be generated based on the entries from “Type of Care” drop down menu in “NICU Admission”

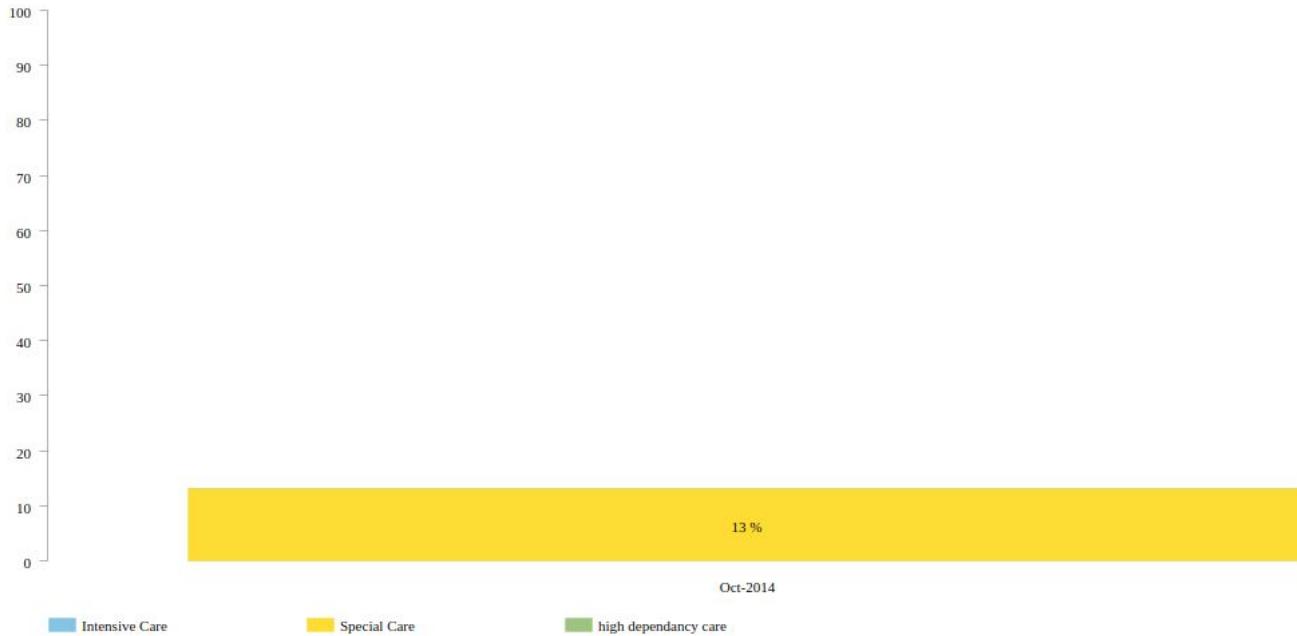
The screenshot shows the 'NICU ADMISSION' section of the Neonatal software. The 'Type Of Care' dropdown is open, showing options: Intensive Care, Special Care, Ward Admission, and High Dependency Care. The 'Intensive Care' option is highlighted with a blue background and white text. Other fields in the form include Baby Name, Mr No, DOB, Birth Weight, Birth Status, Gestation, Admission Time, Admission Date, Admission Weight, Age On Admission, and Surgeon.

Fig: Type of Care

- 1.8.23.4.** Eg [If the Type of Care is Intensive care, then total no of Intensive care(Count) Should display under Intensive Care in NICU Admission Category table]
1.8.23.5. The table values should also calculate the percentage and display
1.8.23.6. Refer **Fig: Table 8: NICU Admissions Category**

Table 8: NICU Admissions Category (Applies to inborn & outborn babies.)

Month	Intensive Care	Special Care	High Dependency Care	Total
Oct-2014	0 (0 %)	2 (13 %)	0 (0 %)	2 (13 %)

Figure 8: NICU Admissions Category (Applies to inborn & outborn babies.)**Fig: Table 8: NICU Admissions Category****1.8.24. Table 9: Patient-Days of NICU Admissions**

1.8.24.1. Patient Days is calculated based on the day care sheets entered in “NICU Admission” i.e., NICU Admission -> Doctors Daily Entry Form -> Admission -> Daycare

The screenshot shows the 'Neonatal' software interface. The left sidebar has menu items: REGISTRATION, NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, Admission Form, Doctors daily entry form (with a red arrow pointing to it), and NICU Discharge Details. The main area shows a 'Daycare Admission History' table with one record:

S.No.	Admissions	Ip Number	Date of Admission	Date of Discharge
1	Admission 1		2014-10-05	2014-10-19

At the bottom, it says 'Showing 1 to 1 of 1 entries'.

Fig: Doctors Daily Entry Form

1.8.24.2. Eg [Daily entries are entered in daycare sheet, then in Patient-Days of NICU Admission total no of Daycare sheets should display]

1.8.24.3. Refer **Fig: Daycare sheet** for entries

The screenshot shows a web application interface for managing daycare entries. At the top, there's a navigation bar with links: Dashboard > Daycare > Admission History of [redacted] > Admission 1. Below the navigation is a header bar with the title "Daycare" and a "Create New" button. A search bar with a magnifying glass icon and a dropdown menu for "records per page" (set to 100) are also present. The main content area is a table with the following data:

S.No.	Days	Date	Edit	Delete	Preview	Print
1	Day 1	2014-10-06	Edit	Delete	View	Print
2	Day 2	2014-10-07	Edit	Delete	View	Print
3	Day 3	2014-10-08	Edit	Delete	View	Print
4	Day 4	2014-10-09	Edit	Delete	View	Print
5	Day 5	2014-10-10	Edit	Delete	View	Print
6	Day 6	2014-10-11	Edit	Delete	View	Print
7	Day 7	2014-10-12	Edit	Delete	View	Print
8	Day 8	2014-10-13	Edit	Delete	View	Print
9	Day 9	2014-10-14	Edit	Delete	View	Print
10	Day 10	2014-10-15	Edit	Delete	View	Print

At the bottom left, it says "Showing 1 to 10 of 10 entries". On the right, there are navigation buttons: "← Previous", a blue "1" button, and "Next →".

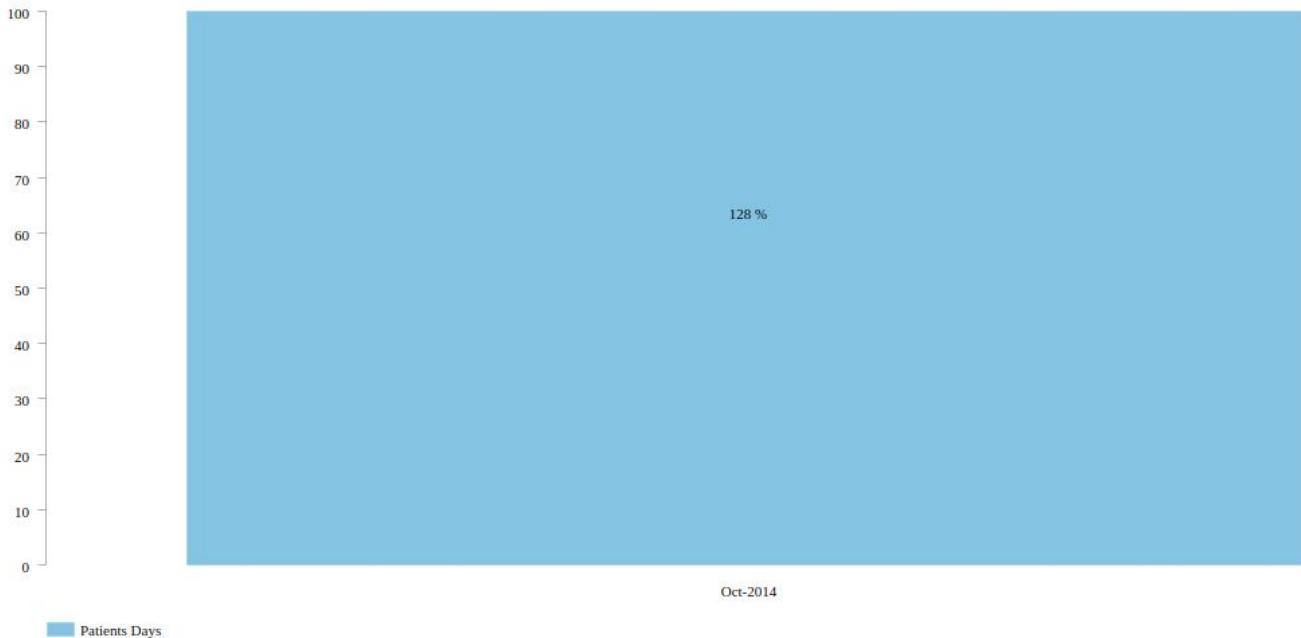
Fig: Daycare sheet

1.8.24.4. The table values should also calculate the percentage and display

1.8.24.5. Refer **Fig: Table 9: Patient-Days of NICU Admissions**

Table 9 : Patient-Days Of NICU Admissions (Applies to inborn & outborn babies.)

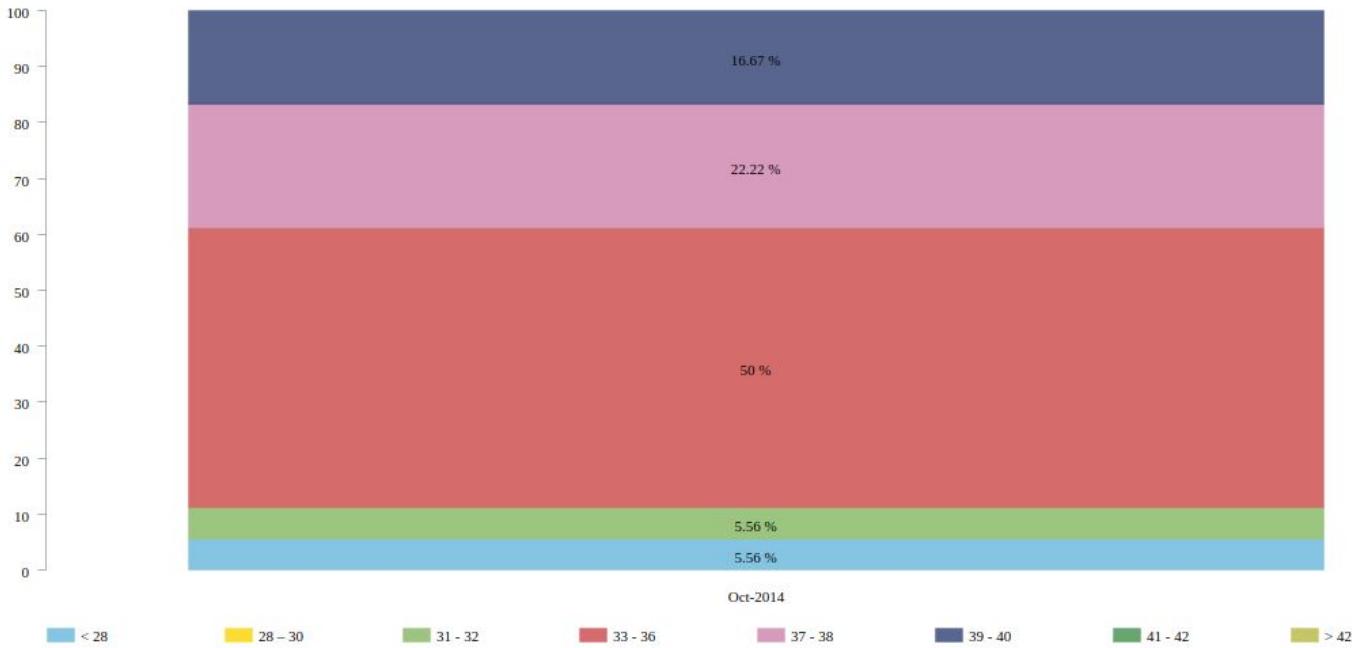
Month	Patient Days
Oct-2014	128

Figure 9: Patient-Days Of NICU Admissions (Applies to inborn & outborn babies.)**Fig: Table 9: Patient-Days of NICU Admissions****1.8.25. Table 10: Admissions by Gestation**

- 1.8.25.1.** Gestation (Weeks) should be generated from “Baby Registration” i.e., Registration -> Baby Registration -> Gestation weeks
- 1.8.25.2.** Refer **Table: 5 Fig: Gestation**
- 1.8.25.3.** The Gestation values would be from 23 to 43
- 1.8.25.4.** Admission by Gestation table data will be generated based on the “Gestation Weeks” entries from “Baby Registration” and should follow the condition below(**1.8.25.5**)
- 1.8.25.5.** Based on the condition that is Patient must be admitted in NICU Admission
- 1.8.25.6.** Eg [If there are 10 entries from weeks 28 - 30 in database, then in Gestation at birth table, total value of weeks(10) Should display]
- 1.8.25.7.** The table values should also calculate the percentage and display
- 1.8.25.8.** Refer **Fig: Table 10: Admissions By Gestation**

Table 10: Admissions By Gestation

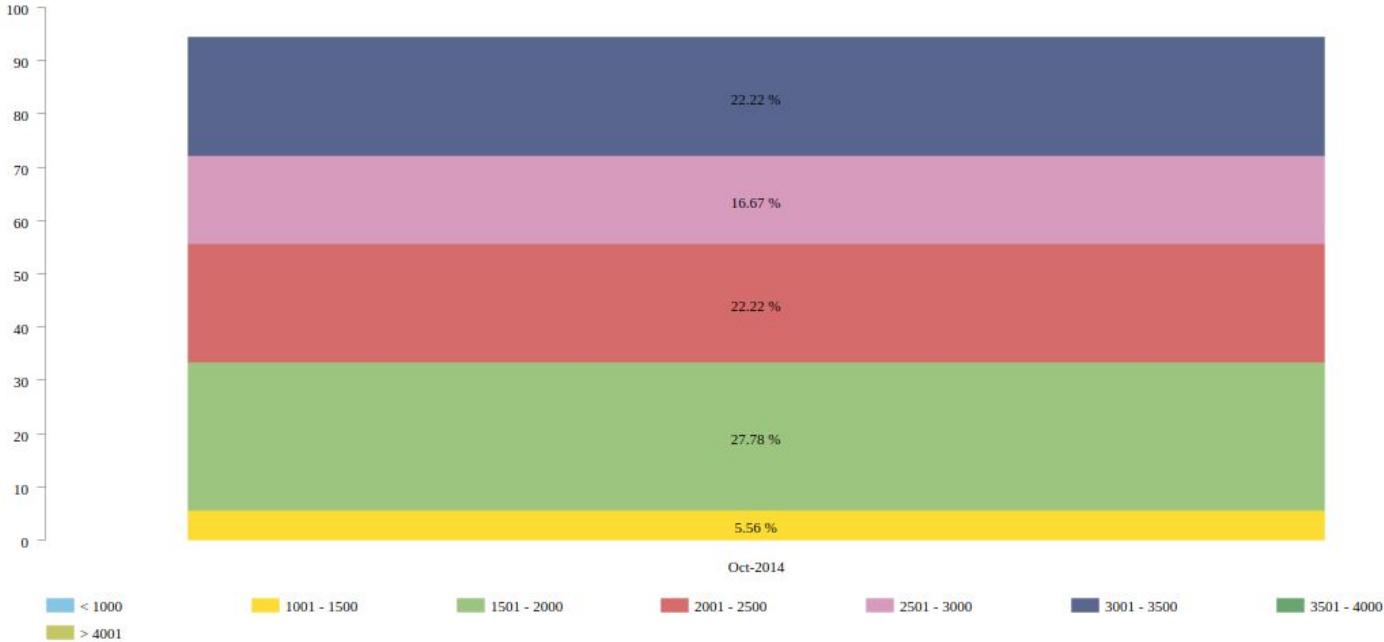
Month	< 28	28 - 30	31 - 32	33 - 36	37 - 38	39 - 40	41 - 42	> 42
Oct-2014	1 (5.56 %)	0 (0.00 %)	1 (5.56 %)	9 (50.00 %)	4 (22.22 %)	3 (16.67 %)	0 (0.00 %)	0 (0.00 %)

Figure 10: Admissions By Gestation**Fig: Table 10: Admissions By Gestation****1.8.26. Table 11: Admissions By Birth Weight**

- 1.8.26.1.** Birth Weight should be generated from “Baby Registration” i.e., Registration -> Baby Registration -> Birth Weight
- 1.8.26.2.** Refer **Table 6 Fig: Birth Weight**
- 1.8.26.3.** The birth weight values would be in 4 digit whole number
- 1.8.26.4.** Admission by Birth Weight table data will be generated based on the “Birth Weight” entries from “Baby Registration” and should follow the condition below(**1.8.26.5**)
- 1.8.26.5.** Based on the condition that is Patient must be admitted in NICU Admission
- 1.8.26.6.** Eg [If there are 2 entries in 1250, 5 entries in 1300, then the value(7) should display in range 1001 to 1500 in Birth Weight Distribution]
- 1.8.26.7.** The table values should also calculate the percentage and display
- 1.8.26.8.** Refer **Fig: Table 11: Admissions By Birth Weight**

Table 11: Admissions By Birth Weight

Month	< 1000	1001 - 1500	1501 - 2000	2001 - 2500	2501 - 3000	3001 - 3500	3501 - 4000	> 4001
Oct-2014	1 (5.56 %)	1 (5.56 %)	5 (27.78 %)	4 (22.22 %)	3 (16.67 %)	4 (22.22 %)	0 (0 %)	0 (0 %)

Figure 11: Admissions By Birth Weight**Fig: Table 11: Admissions By Birth Weight**

1.8.27. **Table 12: Chronic Lung Disease**

1.8.27.1. Following conditions should be followed for displaying O2 requirement at day 28, O2 requirement at 36 weeks corrected age, Home oxygen therapy

1.8.27.2. O2 requirement at day 28

1.8.27.2.1. The Gestation weeks entered in “Baby Registration” must be greater than 32

1.8.27.2.2. Spontaneous Ventilating in “Daycare” should be No

1.8.27.2.3. I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> Select Invasive Ventilation “NO” -> Select Ventilation choose as “Spontaneous Ventilating” -> Select Spontaneous Ventilating “No”

1.8.27.2.4. Refer Fig for Invasive Ventilation, Ventilation Choose, Spontaneously Ventilating

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System
Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Respiratory ICD:

Are there any positive examination findings ? **N/A** No Yes

Invasive Ventilation:

N/A **Yes** **No**

Ventilation Choose:

Type Of Blood Gas:
Venous

Last BG at:
01 00 AM

pH:

Fig: Invasive Ventilation

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System Renal, Fluid Balance & Bloods
Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes

Respiratory ICD:

Are there any positive examination findings ? **N/A** No Yes

Invasive Ventilation:

N/A **Yes** **No**

Ventilation Choose:

Type Of Blood Gas:
N/A

Lactate:

ET Tube:

N/A **Yes** **No**

PEEP

SaO₂ PostDuctal:

Fig: Ventilation Choose

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System
 Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Respiratory ICD:

Are there any positive examination findings?

Invasive Ventilation:

Type Of Blood Gas:

Venous

Last BG at:

01 00 AM

pH:

7.4

PaO₂:

44

PaCO₂:

35

Ventilation Choose:

Spontaneously ventilating

Spontaneously Ventilating:

Fig: Spontaneously Ventilating

1.8.27.2.5. Day of Life in “Daycare” should be greater than or equal to 28 (≥ 28)

1.8.27.2.6. I.e., NICU Admission -> Doctors Daily Entry Form -> General Information -> Day of Life

1.8.27.2.7. Refer Fig: Day of Life

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System
 Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Baby Name: B/O jyothi kirthi sangani

Date of Record: 06-10-2014

Mr No: 1400005224

Time of Record: N/A N/A PM

DOB: 05-10-2014

Current Problems:

Day Of Life: 1

Fig: Day of Life

1.8.27.2.8. FiO₂ in Daycare “Respiratory System” should be greater than 21(>21)

1.8.27.2.9. I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> FiO₂

1.8.27.2.10. Refer Fig: FiO2

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account for 'manikandan'. On the left, a vertical sidebar lists various modules: 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form', 'NICU Discharge Details', 'Discharge Summary', 'NURSE DAILY ENTRY FORM', 'POSTNATAL ADMISSION', 'OP REGISTRATION', 'REPORTS', 'TESTS', and 'CALCULATORS'. The 'Respiratory System' tab is highlighted in blue. Below it, other tabs include 'General Information', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. The main content area displays a 'Respiratory ICD:' field with a redacted value. A question 'Are there any positive examination findings?' has options 'N/A', 'No', and 'Yes', with 'Yes' being selected. A section for 'Invasive Ventilation' shows a slider with three positions: 'N/A' (blue), 'Yes' (red), and 'No' (green). Input fields for 'PIP', 'PEEP', 'MAP', and 'FiO2' are present. To the right, a 'Type Of Blood Gas:' dropdown is set to 'Venous', and blood gas values for 'Last BG at:', 'pH', 'PaO2', 'PaCO2', and 'HCO3:' are listed. A red arrow points to the 'FiO2:' input field, which contains the value '21'.

Fig: FiO2

1.8.27.2.11. Chronic Lung Diseases table data for O2 requirement at day 28 record, will be generated based on the above condition(O2 requirement at day 28)

1.8.27.2.12. Refer Fig: Table 12: Chronic Lung Disease

1.8.27.3. O2 requirement at 36 weeks corrected age

1.8.27.3.1. Chronic Lung Diseases in “Respiratory System” should be Yes

1.8.27.3.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Respiratory System -> Chronic Lung Diseases

1.8.27.3.3. Refer Fig : Respiratory System and Chronic Lung Diseases

General Information **Respiratory System** Cardiovascular System Gastrointestinal System Central Nervous System
 Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Respiratory ICD:

Are there any positive examination findings ?

Invasive Ventilation:

Type Of Blood Gas:

Fig: Respiratory System

Retractions:

Air entry:

Needle Thoracocentesis:

Intercostal Drain:

Chronic Lung Disease:

Fig: Chronic Lung Diseases

1.8.27.3.4. Chronic Lung Diseases table data for O₂ requirement at 36 weeks corrected age record, will be generated based on the above condition(O₂ requirement at 36 weeks corrected age)

1.8.27.3.5. Refer **Fig: Table 12: Chronic Lung Disease**

1.8.27.4. Home oxygen therapy

1.8.27.4.1. Home Oxygen in “NICU Discharge” should be Yes

1.8.27.4.2. I.e., NICU Admission -> NICU Discharge Details -> Checklist -> Home Oxygen

1.8.27.4.3. Refer Fig: Home Oxygen

The screenshot shows the Neonatal software interface. The left sidebar contains links for Registration, Neonate - Basic Entry, NICU Admission, Admission Form, Doctors daily entry form, NICU Discharge Details (highlighted by a red arrow), Discharge Summary, Nurse Daily Entry Form, Postnatal Admission, OP Registration, Reports, Tests, Calculators, and Delete Approvals. The main content area shows the 'Discharge Details' tab selected (highlighted by a red arrow). It includes fields for Hb(g/dl), PCV, DCT, Total Serum Bilirubin (mg/dl), Direct Bilirubin (mg/dl), Ca (mg/dl), Po4 (mg/dl), ALP (IU/L), Na (mmol/l), and Home Oxygen. The 'Home Oxygen' field has three options: N/A, Yes (highlighted by a red arrow), and No.

Fig: Home Oxygen

1.8.27.4.4. Chronic Lung Diseases table data for Home oxygen therapy record, will be generated based on the above condition(Home oxygen therapy)

1.8.27.4.5. Refer **Fig: Table 12: Chronic Lung Disease**

Table 12: Chronic Lung Disease (Applies to inborn & outborn babies.)

Month	O2 requirement at day 28	O2 requirement at 36 wks corrected age	Home oxygen therapy
Oct-2014	0	0	0

Figure 12: Chronic Lung Disease (Applies to inborn & outborn babies.)**Fig: Table 12: Chronic Lung Disease****1.8.28. Table 13: Types Of Respiratory Therapy**

1.8.28.1. Following Conditions should be followed for Surfactant, Invasive ventilation (days), CPAP (days), NIPPV (days), HHHFNC (days), Nasal Prongs O2 (days), Head Box O2 (days)

1.8.28.2. Surfactant

1.8.28.2.1. Surfactant therapy in the NICU in “Respiratory System” should be Yes

1.8.28.2.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Respiratory System -> Surfactant therapy in the NICU

1.8.28.2.3. Refer Fig: Respiratory System and Surfactant therapy

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. On the left, a sidebar lists 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form', and 'NICU Discharge Details'. The main content area has tabs for 'General Information', 'Respiratory System' (which is selected and highlighted in blue), 'Cardiovascular System', 'Gastrointestinal System', 'Central Nervous System', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. Below the tabs, there's a section for 'Respiratory ICD:' with an input field, a question 'Are there any positive examination findings?' with options 'N/A', 'No', and 'Yes', and a section for 'Invasive Ventilation' with 'N/A', 'Yes', and 'No' buttons. To the right, there's a dropdown for 'Type Of Blood Gas:' set to 'Venous'.

Fig: Respiratory System

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. On the left, a sidebar lists 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form', and 'NICU Discharge Details'. The main content area contains various input fields and buttons. In the center, there are fields for 'IT in sec:' (value 5), 'Flow (L/min):' (value 55), 'Respiratory Indication:', and 'Surfactant therapy in the NICU:' (with a 'Yes' button highlighted by a red arrow). To the right, there are buttons for 'Needle Thoracocentesis:' (No), 'Intercostal Drain:' (No), and 'Chronic Lung Disease:' (No).

Fig: Surfactant Therapy

1.8.28.2.4. Types Of Respiratory Therapy table data for Surfactant record, will be generated based on the above condition(Surfactant)

1.8.28.2.5. Refer Fig: Table 13: Types Of Respiratory Therapy

1.8.28.3. Invasive ventilation (days)

1.8.28.3.1. Invasive Ventilation in “Daycare” should be Yes

1.8.28.3.2. I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> Invasive Ventilation

1.8.28.3.3. Refer Fig: Invasive Ventilation

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Neonatal', 'Dashboard', 'Masters', 'Settings', and 'manikandan'. The left sidebar has sections for 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form', 'NICU Discharge Details', 'Discharge Summary', and 'NURSE DAILY ENTRY FORM'. The main content area shows the 'Respiratory System' tab selected. It includes fields for 'Respiratory ICD:', 'Are there any positive examination findings? (N/A, No, Yes)', 'Invasive Ventilation' (with a slider from 'N/A' to 'Yes' where 'Yes' is highlighted in red), 'Type Of Blood Gas', 'Lactate', and 'ET Tube'. A red arrow from the sidebar points to the 'Respiratory System' tab, and another red arrow points to the 'Yes' button on the ventilation slider.

Fig: Invasive Ventilation

1.8.28.3.4. Types Of Respiratory Therapy table data for Invasive Ventilation(days) record, will be generated based on the above condition(Invasive Ventilation(days))

1.8.28.3.5. Refer **Fig: Table 13: Types Of Respiratory Therapy**

1.8.28.4. CPAP (days)

1.8.28.4.1. CPAP in “Non - Invasive Ventilation” should be Yes

1.8.28.4.2. I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> Invasive Ventilation (No) -> Ventilation Choose (Non Invasive Ventilation) -> CPAP

1.8.28.4.3. Refer Fig: CPAP

1.8.28.4.4. Types Of Respiratory Therapy table data for CPAP(days) record, will be generated based on the above condition(CPAP(days))

1.8.28.4.5. Refer **Fig: Table 13: Types Of Respiratory Therapy**

The screenshot shows the Neonatal software interface. The left sidebar has sections like REGISTRATION, NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, etc. The main area shows the 'Respiratory System' tab selected. Under 'Respiratory ICD:', there's a text input field. Below it, a question 'Are there any positive examination findings?' has options N/A, No, and Yes. A red arrow points to the 'General Information' tab in the top navigation bar. In the 'Invasive Ventilation' section, there are three buttons: N/A (grey), Yes (red), and No (green). A red arrow points to the 'No' button. In the 'Ventilation Choose' section, a dropdown menu shows 'NonInvasive Ventilation'. Below it, under 'Non-Invasive Ventilation', there are three buttons: N/A (grey), CPAP (blue), and NIMV/NIPPV/HHFNC (grey). A red arrow points to the 'CPAP' button. To the right, there are sections for Type Of Blood Gas, Lactate, ET Tube, and SaO2 PostDuctal, each with a text input field.

Fig: CPAP

1.8.28.5. NIPPV (days)

- 1.8.28.5.1. NIPPV in “Non - Invasive Ventilation” should be Yes
- 1.8.28.5.2. I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> Invasive Ventilation (No) -> Ventilation Choose (Non Invasive Ventilation) -> NIPPV
- 1.8.28.5.3. Refer Fig: NIPPV
- 1.8.28.5.4. Types Of Respiratory Therapy table data for NIPPV(days) record, will be generated based on the above condition(NIPPV(days))
- 1.8.28.5.5. Refer **Fig: Table 13: Types Of Respiratory Therapy**

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Neonatal', 'Dashboard', 'Masters', 'Settings', and a user account. The left sidebar has links for 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form', 'NICU Discharge Details' (highlighted with a red arrow), 'Discharge Summary', 'NURSE DAILY ENTRY FORM', 'POSTNATAL ADMISSION', 'OP REGISTRATION', 'REPORTS', and 'TESTS'. The main content area is titled 'Edit Form' and shows the 'Respiratory System' tab selected. Other tabs include 'General Information', 'Cardiovascular System', 'Gastrointestinal System', and 'Central Nervous System'. Sub-tabs under 'Respiratory System' are 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. A section for 'Respiratory ICD:' has a text input field. Below it, a question 'Are there any positive examination findings?' has options 'N/A', 'No', and 'Yes'. A section for 'Invasive Ventilation' has three buttons: 'N/A' (grey), 'Yes' (red), and 'No' (green). A red arrow points from the 'NICU Discharge Details' link in the sidebar to the 'Yes' button. A section for 'Type Of Blood Gas:' has a dropdown set to 'N/A'. A section for 'Lactate:' has a text input field. A section for 'ET Tube:' has three buttons: 'N/A' (grey), 'Yes' (red), and 'No' (green). A red arrow points from the 'Ventilation Choose' dropdown in the sidebar to the 'Yes' button. A section for 'SaO2 PostDuctal:' has a text input field. A section for 'Non-Invasive Ventilation' has three buttons: 'N/A' (grey), 'CPAP' (blue), and 'NIMV/NIPPV' (blue). A red arrow points from the 'Non-Invasive Ventilation' dropdown in the sidebar to the 'NIMV/NIPPV' button.

Fig: NIPPV

1.8.28.6. HHHFNC (days)

- 1.8.28.6.1. HHHFNC in “Non - Invasive Ventilation” should be Yes
- 1.8.28.6.2. I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> Invasive Ventilation (No) -> Ventilation Choose (Non Invasive Ventilation) -> HHHFNC
- 1.8.28.6.3. Refer Fig: HHHFNC
- 1.8.28.6.4. Types Of Respiratory Therapy table data for HHHFNC(days) record, will be generated based on the above condition(HHHFNC(days))
- 1.8.28.6.5. Refer Fig: Table 13: Types Of Respiratory Therapy

The screenshot shows the Neonatal software interface. On the left sidebar, under 'REGISTRATION', there is a 'Doctors daily entry form' option. The main content area is titled 'Respiratory System'. It includes fields for 'Respiratory ICD:', 'Are there any positive examination findings? (N/A, No, Yes)', 'Invasive Ventilation' (with 'Yes' selected), 'Type Of Blood Gas', 'Lactate', 'ET Tube' (with 'Yes' selected), and 'SaO2 PostDuctal'. There are three horizontal sliders: one for 'Invasive Ventilation' (green circle at 'No'), one for 'Ventilation Choose' (blue circle at 'NonInvasive Ventilation'), and one for 'Non-Invasive Ventilation' (blue circle at 'HHHFNC'). Red arrows highlight the 'Doctors daily entry form' menu item, the 'Yes' selection in the 'Invasive Ventilation' slider, and the 'HHHFNC' selection in the 'Non-Invasive Ventilation' slider.

Fig: HHHFNC**1.8.28.7. Nasal Prongs O₂ (days)**

1.8.28.7.1. NPO₂ in “Non - Invasive Ventilation” should be Yes

1.8.28.7.2. I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> Invasive Ventilation (No) -> Ventilation Choose (Other Respiratory Support) -> NPO₂

1.8.28.7.3. Refer Fig: NPO₂

1.8.28.7.4. Types Of Respiratory Therapy table data for NPO₂(days) record, will be generated based on the above condition(NPO₂(days))

1.8.28.7.5. Refer Fig: **Table 13: Types Of Respiratory Therapy**

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. The left sidebar lists various modules: REGISTRATION, NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, Admission Form, Doctors daily entry form (highlighted with a red arrow), NICU Discharge Details, Discharge Summary, NURSE DAILY ENTRY FORM, POSTNATAL ADMISSION, OP REGISTRATION, REPORTS, and TESTS. The main content area is titled 'Edit For [redacted]'. It shows tabs for General Information, Respiratory System (selected), Cardiovascular System, Gastrointestinal System, Central Nervous System, Renal, Fluid Balance & Bloods, Sepsis & Drugs, Invasive Lines, Skin, ROP & Plan, Notes, and Reassessment Sheet. Under the Respiratory System tab, there are sections for Respiratory ICD, examination findings (N/A, No, Yes), invasive ventilation (N/A, Yes, No), type of blood gas, lactate, ET tube, and SaO2 PostDuctal. A 'Ventilation Choose' dropdown is set to 'Other Respiratory Support', and a 'Other Respiratory Support' section shows options for N/A, NPO2 (highlighted with a red arrow), HBO2, and Face mask oxygen.

Fig: NPO2**1.8.28.8. Head Box O2 (days)**

- 1.8.28.8.1.** HBO2 in “Non - Invasive Ventilation” should be Yes
- 1.8.28.8.2.** I.e., NICU Admission -> Doctor’s Daily Entry Form -> Respiratory System -> Invasive Ventilation (No) -> Ventilation Choose (Other Respiratory Support) -> HBO2
- 1.8.28.8.3.** Refer Fig: HBO2
- 1.8.28.8.4.** Types Of Respiratory Therapy table data for HBO2(days) record, will be generated based on the above condition(HBO2(days))
- 1.8.28.8.5.** Refer **Fig: Table 13: Types Of Respiratory Therapy**

Neonatal Dashboard Masters ▾ Settings ▾ manikandan ▾

REGISTRATION

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

Admission Form

Doctors daily entry form (arrow)

NICU Discharge Details

Discharge Summary

NURSE DAILY ENTRY FORM

POSTNATAL ADMISSION

OP REGISTRATION

REPORTS

TESTS

Dashboard > Daycare > Edit For [REDACTED]

General Information **Respiratory System** Cardiovascular System Gastrointestinal System Central Nervous System

Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Respiratory ICD:

Are there any positive examination findings? N/A No Yes

Invasive Ventilation:

N/A Yes No (arrow)

Ventilation Choose: OtherRespiratory Support

Other Respiratory Support:

N/A NPO2 HBO2 Face mask oxygen (arrow)

Type Of Blood Gas:

N/A

Lactate:

ET Tube:

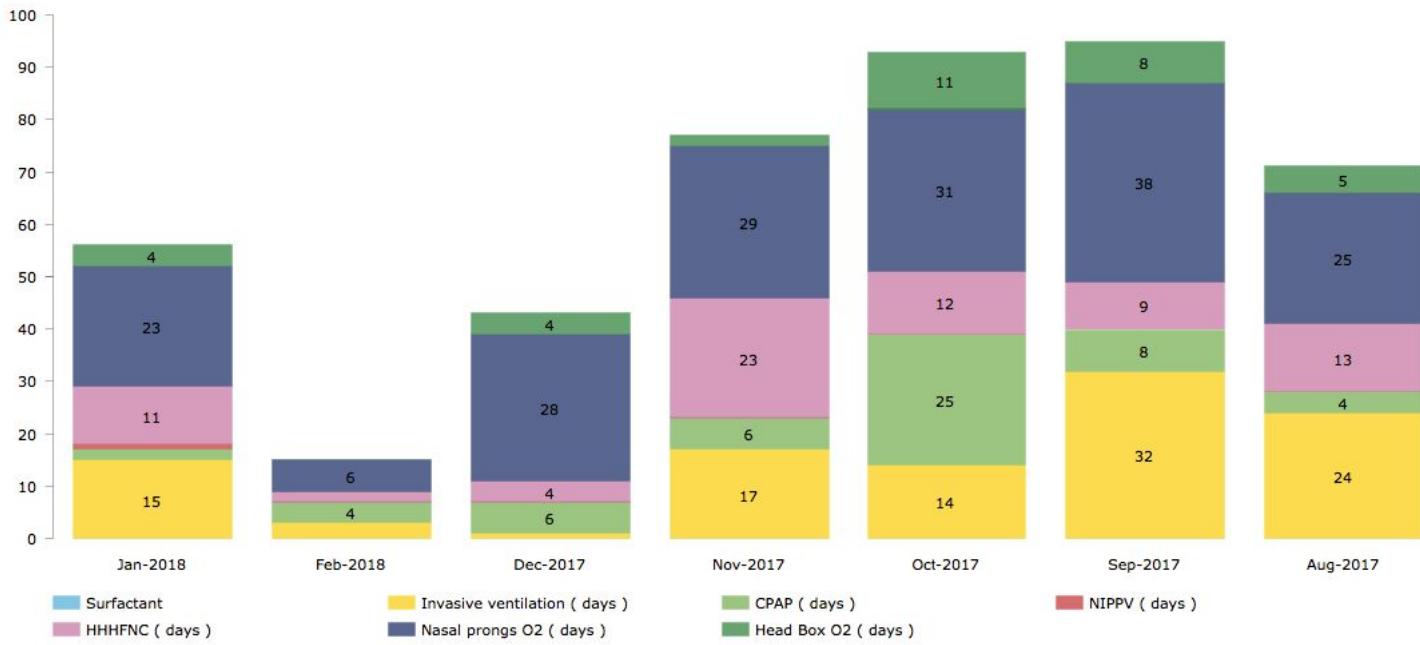
N/A Yes No

SaO2 PostDuctal:

Fig: HBO2

Table 13: Types Of Respiratory Therapy (Applies to inborn & outborn babies.)

Month	Surfactant	Invasive ventilation (days)	CPAP (days)	NIPPV (days)	HFFNC (days)	Nasal Prongs O2 (days)	Head Box O2 (days)
Jan-2018	0	15	2	1	11	23	4
Feb-2018	0	3	4	0	2	6	0
Dec-2017	0	1	6	0	4	28	4
Nov-2017	0	17	6	0	23	29	2
Oct-2017	0	14	25	0	12	31	11
Sep-2017	0	32	8	0	9	38	8
Aug-2017	0	24	4	0	13	25	5

Figure 13: Types Of Respiratory Therapy (Applies to inborn & outborn babies.)**Fig: Table 13: Types Of Respiratory Therapy****1.8.28.9. Table 14: Indications For Surfactant Therapy**

1.8.28.9.1. Surfactant therapy in the NICU in “Respiratory System” should be Yes

1.8.28.9.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Respiratory System -> Surfactant therapy in the NICU -> Indication for Surfactant

General Information **Respiratory System** Cardiovascular System Gastrointestinal System Central Nervous System
 Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Respiratory ICD:

Are there any positive examination findings ? **Yes**

Invasive Ventilation:

N/A	Yes	No
-----	-----	----

Type Of Blood Gas:

Venous	▼
--------	---

Fig: Respiratory System

Respiratory Indication:

Surfactant therapy in the NICU:

Yes	No
------------	----

Indication For Surfactant:

CDH	MAS	Preterm RDS	Term RDS	
N/A	No	Mild	Moderate	Severe

Other RS Findings:

Needle Thoracocentesis:

No

Intercostal Drain:

No

Chronic Lung Disease:

No

Fig: Surfactant Therapy

- 1.8.28.9.3. Refer Fig: Respiratory System and Surfactant therapy
- 1.8.28.9.4. Surfactant Therapy table data will be generated based on the Induction for Surfactant entries from “Respiratory System”
- 1.8.28.9.5. Refer Fig: Table 14: Indications For Surfactant Therapy

1.8.28.10. Table 15: Cardiovascular Morbidites

- 1.8.28.10.1. Following Conditions should be followed for Hypotension(Inotropes), PDA Treatment Medical, PDA Treatment Surgical, PPHN
- 1.8.28.10.2. Hypotension
 - 1.8.28.10.2.1. Hypotension(Inotropes) in “Cardiovascular System” should be Yes
 - 1.8.28.10.2.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Cardiovascular System -> Inotropes
 - 1.8.28.10.2.3. Refer Fig: Inotropes

The screenshot shows the Neonatal software interface. On the left, there's a dark sidebar with various menu items like Registration, NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, etc. A red arrow points from this sidebar to the 'Cardiovascular System' tab in the main header. The main content area has tabs for General Information, Respiratory System, Cardiovascular System (which is selected and highlighted in blue), Gastrointestinal System, Central Nervous System, Renal, Fluid Balance & Bloods, Sepsis & Drugs, Invasive Lines, Skin, ROP & Plan, Notes, and Reassessment Sheet. Below these tabs, there's a section for 'Cardiovascular ICD:' with a text input field. Then, there are several input fields for vital signs: HR, CFT, Systolic BP, Diastolic BP, Mean BP, Pulse Pressure, Central Temperature, Peripheral Temperature, Color, Central Pulses, Peripheral Pulses, and Inotropes. The 'Inotropes' section features a horizontal slider with three circles. The first circle is blue and labeled 'N/A'. The second circle is grey and labeled 'Normal'. The third circle is grey and labeled 'Wide'. To the right of the slider, there are color-coded labels: 'Pale' (grey), 'Pink' (light red), 'Acral Cyanosis' (red), and 'Central Cyanosis' (dark red). A red arrow points to the third circle ('Wide') in the inotropes section, where the word 'Yes' is written in green.

Fig: Inotropes

1.8.28.10.2.4. Cardiovascular Morbidites table data for Hypotension record, will be generated based on the “Inotropes” entries from “Cardiovascular System”

1.8.28.10.2.5. Refer Fig: Table 15: Cardiovascular Morbidites

1.8.28.10.3. PDA Treatment Medical

1.8.28.10.3.1. PDA Treatment in “Cardiovascular System” should be Medical

1.8.28.10.3.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Cardiovascular System -> ECHO (Yes) -> PDA Treatment (Medical)

1.8.28.10.3.3. Refer Fig: PDA Treatment Medical

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. The left sidebar has links for 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', and 'Doctors daily entry form'. The main content area shows tabs for 'General Information', 'Respiratory System', 'Cardiovascular System' (which is selected and highlighted in blue), 'Gastrointestinal System', 'Central Nervous System', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. Below these tabs is a section for 'Cardiovascular ICD' with a text input field. Underneath is a question 'Are there any positive examination findings?' with options 'N/A', 'No', and 'Yes'. A red arrow points from the left sidebar to the 'Doctors daily entry form' link.

Fig: Cardiovascular System

The screenshot shows the Neonatal software interface. The left sidebar includes 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form' (with a red arrow pointing to it), 'NICU Discharge Details', 'Discharge Summary', 'NURSE DAILY ENTRY FORM', 'POSTNATAL ADMISSION', 'OP REGISTRATION', 'REPORTS', 'TESTS', and 'CALCULATORS'. The main content area contains sections for 'Peripheral Pulses' (N/A), 'Femoral Pulses' (N/A), 'Precordial Activity' (N/A, Present, Absent), 'S1S2' (N/A, Normal, Abnormal), 'Murmur' (N/A, Present, Absent), and 'Other CVS Findings' (empty text input field). To the right, there are three horizontal sliders for 'ECHO' (N/A, No, Yes, with 'Yes' highlighted in blue and a red arrow pointing to it), 'PDA' (N/A, Yes, No), and 'PDA Treatment' (N/A, None, Medical, Surgical, with 'Medical' highlighted in blue and a red arrow pointing to it). A 'PAH' section is also present.

Fig: PDA Treatment Medical

1.8.28.10.3.4. Cardiovascular Morbidites table data for PDA Treatment Medical record, will be generated based on the “PDA Treatment” entries from “Cardiovascular System”

1.8.28.10.3.5. Refer Fig: Table 15: Cardiovascular Morbidites

1.8.28.10.4. PDA Treatment Surgical

1.8.28.10.4.1. PDA Treatment in “Cardiovascular System” should be Surgical

1.8.28.10.4.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Cardiovascular System -> ECHO (Yes) -> PDA Treatment (Surgical)

1.8.28.10.4.3. Refer Fig: PDA Treatment Surgical

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Neonatal', 'Dashboard', 'Masters', 'Settings', and a user account. The left sidebar has links for 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', and 'Doctors daily entry form'. The main content area shows a breadcrumb path: 'Dashboard > Daycare > Edit For [REDACTED]'. Below this are tabs for 'General Information', 'Respiratory System', 'Cardiovascular System' (which is highlighted with a red arrow), 'Gastrointestinal System', 'Central Nervous System', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. A section titled 'Cardiovascular ICD:' contains a text input field. Below it is a question 'Are there any positive examination findings?' with options 'N/A', 'No', and 'Yes'.

Fig: Cardiovascular System

The screenshot shows the Neonatal software interface. The left sidebar includes 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form' (highlighted with a red arrow), 'NICU Discharge Details', 'Discharge Summary', 'NURSE DAILY ENTRY FORM', 'POSTNATAL ADMISSION', 'OP REGISTRATION', 'REPORTS', 'TESTS', and 'CALCULATORS'. The main content area displays various cardiovascular findings with three-state selection buttons (blue, grey, or red). These include 'Peripheral Pulses', 'Femoral Pulses', 'Precordial Activity', 'S1S2', 'Murmur', 'Other CVS Findings', 'ECHO' (with 'N/A', 'No', and 'Yes' options), 'ECHO Report' (with a large text input field), 'PDA' (with 'N/A', 'Yes', and 'No' options), 'PDA Treatment' (with 'N/A', 'None', 'Medical', and 'Surgical' options), and 'PAH' (with a large text input field). Red arrows point from the sidebar link 'Doctors daily entry form' to the 'Doctors daily entry form' link in the breadcrumb, and from the 'Doctors daily entry form' link in the breadcrumb to the 'ECHO' section.

Fig: PDA Treatment Surgical

1.8.28.10.4.4. Cardiovascular Morbidites table data for PDA Treatment Surgical record, will be generated based on the “PDA Treatment” entries from “Cardiovascular System”

1.8.28.10.4.5. Refer Fig: Table 15: Cardiovascular Morbidites

1.8.28.10.5. PPHN

1.8.28.10.5.1. I.e., NICU Admission -> Doctors Daily Entry Form -> Cardiovascular System -> ECHO (Yes) -> PAH (Yes)

1.8.28.10.5.2. Refer Fig: PAH

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. The left sidebar has links for 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', and 'Doctors daily entry form'. The main content area shows tabs for 'General Information', 'Respiratory System', 'Cardiovascular System' (which is selected and highlighted in blue), 'Gastrointestinal System', 'Central Nervous System', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. Below these tabs is a section for 'Cardiovascular ICD' with a text input field. Underneath is a question 'Are there any positive examination findings?' with options 'N/A', 'No', and 'Yes'. A red arrow points from the sidebar to the 'Doctors daily entry form' link.

Fig: Cardiovascular System

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. The left sidebar has links for 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form', 'NICU Discharge Details' (which is selected and highlighted in blue), 'Discharge Summary', 'NURSE DAILY ENTRY FORM', 'POSTNATAL ADMISSION', 'OP REGISTRATION', 'REPORTS', 'TESTS', 'CALCULATORS', and 'DELETE APPROVALS'. The main content area displays various clinical findings with three-way selection buttons (blue, grey, red) and dropdown menus. These include 'Femoral Pulses', 'Precordial Activity', 'S1S2', 'Murmur', 'Other CVS Findings', 'ECHO', 'PDA', 'PDA Treatment', and 'PAH'. A red arrow points from the sidebar to the 'NICU Discharge Details' link.

Fig: PAH

- 1.8.28.10.5.3.** Cardiovascular Morbidites table data for PPAH record, will be generated based on the “PAH” entries from “Cardiovascular System”
- 1.8.28.10.5.4.** Refer Fig: Table 15: Cardiovascular Morbidites

Table 15: Cardiovascular Morbidites (Applies to inborn & outborn babies.)

Month	Hypotension	PDA Treatment Medical	PDA Treatment Surgical	PPHN
Jan-2018	12	0	0	7
Feb-2018	0	0	0	4
Dec-2017	7	0	0	0
Nov-2017	9	1	0	0
Oct-2017	12	3	0	0
Sep-2017	12	0	0	0
Aug-2017	25	0	0	0

Fig: Table 15: Cardiovascular Morbidites**1.8.28.11. Table 16: Gastrointestinal Morbidity**

- 1.8.28.11.1.** Following conditions should be followed for NEC and TPN
- 1.8.28.11.2.** NEC and TPN should be Yes in “Gastrointestinal System”
- 1.8.28.11.3.** I.e., NICU Admission -> Doctors Daily Entry Form -> Gastrointestinal System -> NEC (Yes) -> TPN (Yes)
- 1.8.28.11.4.** Refer Fig: NEC, Fig: TPN

The screenshot shows the Neonatal software interface. The left sidebar has links for Registration, Neonate - Basic Entry Form, NICU Admission, Admission Form, and Doctors daily entry form. The main area shows a navigation bar with Dashboard, Daycare, and Edit Form (redacted). Below is a tabbed menu: General Information, Respiratory System, Cardiovascular System, Gastrointestinal System (highlighted in blue), Central Nervous System, Renal, Fluid Balance & Bloods, Sepsis & Drugs, Invasive Lines, Skin, ROP & Plan, Notes, and Reassessment Sheet. A red arrow points from the sidebar to the 'Doctors daily entry form' link. Another red arrow points from the header to the 'Gastrointestinal System' tab.

Fig: Gastrointestinal System

REGISTRATION

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

Admission Form

Doctors daily entry form

NICU Discharge Details

Discharge Summary

NURSE DAILY ENTRY FORM

Other Drugs ml/day:

IV fluids +/- PN ml/kg/d:

TPN:

N/A No Yes

Carbohydrates (g/kg/day)

Amino Acid (g/kg/day)

Baby's Blood Group: Not Known

Mother Blood Group: Not Known

AXR Findings:

Ultrasound Abdominal: No

Fig: TPN

REGISTRATION

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

Admission Form

Doctors daily entry form

NICU Discharge Details

Discharge Summary

NURSE DAILY ENTRY FORM

POSTNATAL ADMISSION

OP REGISTRATION

REPORTS

Bowel Sounds:

N/A Normal Scaphoid Distended

Abdominal Girth:

Other PA Findings:

NEC:

N/A Yes No

Fig: NEC

1.8.28.11.5. Gastrointestinal Morbidites table data for NEC and TPN records, will be generated based on the NEC, TPN entries from “Gastrointestinal System”

1.8.28.11.6. Refer Fig: Table 16: Gastrointestinal Morbidity

Table 16: Gastrointestinal Morbidity (Applies to inborn & outborn babies)

Month	Necrotizing Enterocolitis	TPN days
Jan-2018	0	0
Feb-2018	0	0
Dec-2017	0	0
Nov-2017	0	0
Oct-2017	0	0
Sep-2017	0	0
Aug-2017	0	0

Fig: Table 16: Gastrointestinal Morbidity**1.8.28.12. Table 17: Retinopathy of Prematurity****1.8.28.12.1. ROP Screening**

1.8.28.12.2. ROP list value “performed” should be selected in ROP Screening to display the ROP Screening status in table

1.8.28.12.3. I.e., NICU Admission -> NICU Discharge Details -> Checklist -> ROP Screening(Performed)

1.8.28.12.4. Refer Fig: ROP Screening

1.8.28.12.5. Refer **Fig: Table 17: Retinopathy Of Prematurity**

Fig: ROP Screening**1.8.28.12.6. ROP**

1.8.28.12.7. For displaying the ROP status, the drop down value should be selected any one among these Stage1 ROP, Stage2 ROP, Stage3 ROP, Stage4 ROP, Aggressive Posterior ROP, Plus disease

1.8.28.12.8. I.e., NICU Admission -> NICU Discharge Details -> Checklist -> ROP Screening(Performed) -> ROP

1.8.28.12.9. Refer ROP Screening Result

The screenshot shows the 'NICU Discharge Details' section of the software. On the left sidebar, under 'NICU ADMISSION', there are links for 'Admission Form', 'Doctors daily entry form', 'NICU Discharge Details', and 'Discharge Summary'. The main area has tabs for 'Discharge Details' and 'Checklist'. Under 'Discharge Details', there are fields for Hb(g/dl), PCV, DCT, Total Serum Bilirubin (mg/dl), Direct Bilirubin (mg/dl), and Ca (mg/dl). To the right, there is a 'ROP Screening' section with a dropdown menu. A red arrow points to the 'N/A' option in this menu. Other options include 'Performed', 'No ROP, Immature Retina', 'No ROP, Mature Retina', 'Stage1 ROP', 'Stage2 ROP', 'Stage3 ROP', 'Stage4 ROP', 'Aggressive Posterior ROP', and 'Plus disease'. Below the dropdown is a 'Type of Treatment' field and a '+ Add More' button. At the bottom is a 'ROP Follow Up' section.

Fig: ROP Screening Result

- 1.8.28.12.10.** Total no of ROP entries(Count) will calculate and display under ROP in Retinopathy of Prematurity table
- 1.8.28.12.11.** Refer **Fig: Table 17: Retinopathy Of Prematurity**
- 1.8.28.12.12.** **ROP Treatment**
- 1.8.28.12.13.** For displaying ROP Treatment status value in table, then the ROP Treatment in “NICU Discharge Details” should be Yes
- 1.8.28.12.14.** I.e., I.e., NICU Admission -> NICU Discharge Details -> Checklist -> ROP Screening(Performed) -> ROP Treatment(Yes)
- 1.8.28.12.15.** Refer Fig: ROP Treatment

The screenshot shows the 'NICU Discharge Details' section of the software. The left sidebar is identical to the previous screenshot. The main area has tabs for 'Discharge Details' and 'Checklist'. Under 'Discharge Details', there are fields for Hb(g/dl), PCV, DCT, Total Serum Bilirubin (mg/dl), Direct Bilirubin (mg/dl), and Ca (mg/dl). To the right, there is a 'ROP Screening' section with a dropdown menu. A red arrow points to the 'Performed' option in this menu. Below the dropdown is a 'ROP Treatment' section. A red arrow points to the 'Yes' button in this section. A third red arrow points to the 'Type of Treatment' field, which contains a 'No' button (green) and a 'Yes' button (red). A large red circle highlights the 'Yes' button.

Fig: ROP Treatment

1.8.28.12.16. Total no of Yes entries(Count) will calculate and display under ROP Treatment in Retinopathy of Prematurity table

1.8.28.12.17. Refer Fig: Table 17: Retinopathy Of Prematurity

Table 17: Retinopathy Of Prematurity (Applies to inborn & outborn babies.)

Month	ROP Screening	ROP	ROP Treatment
Jan-2018	0	0	0
Feb-2018	0	0	0
Dec-2017	0	0	0
Nov-2017	0	0	0
Oct-2017	0	0	0
Sep-2017	1	0	1
Aug-2017	2	0	0

Fig: Table 17: Retinopathy Of Prematurity

1.8.28.13. Table 18: Sepsis Organisms in Blood

1.8.28.13.1. Based on the list values from Sepsis Organism, each list value entries would be calculated separately and display in the Sepsis Organism in Blood table

1.8.28.13.2. I.e., NICU Admission -> Sepsis and Drugs -> Organisms

1.8.28.13.3. Refer Fig: Sepsis Organism

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. Below the dashboard, there are tabs for General Information, Respiratory System, Cardiovascular System, Gastrointestinal System, Central Nervous System, Renal, Fluid Balance & Bloods, Sepsis & Drugs (which is currently selected), Invasive Lines, Skin, ROP & Plan, Notes, and Reassessment Sheet. On the left sidebar, there are links for Registration, Neonate - Basic Entry Form, NICU Admission, Admission Form, Doctors daily entry form, NICU Discharge Details, Discharge Summary, Nurse Daily Entry Form, Postnatal Admission, OP Registration, Reports, Tests, Calculators, and Delete Approvals. The main content area displays fields for Sepsis ICD, SEPSIS status (Suspect), Antibiotic (N/A), Day, Other Drugs, Blood Culture status (N/A, Not sent, Awaited, Negative, Positive), CRP mg per L, TLC per cu.mm, Percentage N, ANC per cu.mm, Platelets per cu.mm, and an Organism dropdown menu. The Organism dropdown is open, showing a list of organisms: N/A, E.coli, Klebsiella, Pseudomonas, Enterobacter, Citrobacter, Acinetobacter, CONS, MSSA, MRSA, VRSA, Streptococcus, Enterococcus, Yeast, NLFGNB, NFGNB, and Burkholderia. A red arrow points from the 'Organism' dropdown to the list of organisms.

Fig: Sepsis Organism

1.8.28.13.4. Refer Fig: Table 18: Sepsis Organisms in Blood

1.8.28.14. Table 19: Survival to Discharge by Gestation

- 1.8.28.14.1. Table value would be displayed based on the Baby Registration “Gestation weeks” and NiCU discharge status except died or died OCR i.e., Inpatient, Discharged, Discharge at Request, Discharge Against Medical Advice, Transferred any one of these must be selected
- 1.8.28.14.2. I.e., Registration -> Baby Registration -> Gestation Weeks and NICU Admission -> NICU Discharge Details -> Discharge details -> Status
- 1.8.28.14.3. Refer Fig: Gestation, Fig: Discharge Status

Dashboard > Baby Registration > Edit

Mr No: 123456789B

Baby Name: B/O Test Test

Birth Status: Inborn

DOB: 26-02-2018

TOB: 08 01 AM

Birth Weight (in grams) (in kilograms): 1500 1.5

Multiple Pregnancy: Yes

Baby's Blood Group: AB Negative

Neonatal Consultant: Duty Doctor

Paediatric Surgeon: Not Applicable

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

NURSE DAILY ENTRY FORM

POSTNATAL ADMISSION

OP REGISTRATION

REPORTS

TESTS

CALCULATORS

DELETE APPROVALS

Gestation: Weeks: 39 Days: 5

Fig: Gestation

Dashboard > Discharge Details > Edit For [REDACTED]

Discharge Details Checklist

Status: Inpatient

Corrected Gestation: Weeks: 38 Days: 1

Newborn Screen:

N/A	Sent	Not Sent	Normal	Abnormal
-----	------	----------	--------	----------

Hearing Screening:

N/A	At 3 mths	Not Indicated
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NEONATAL PROFORMA

NICU ADMISSION

Admission Form

Doctors Day Care Sheet

NICU Discharge Details

Discharge Summary

NURSES DAILY ENTRY FORM

Inpatient

Discharged

Discharge at Request

Discharge Against Medical Advice

Transferred

Died

Died (OCNR)

DOL at Discharge: 11

OFC in cm: 31.5

Fig: Discharge Status

1.8.28.14.4. Survival to Discharge by Gestation table data will be generated based on the above(**1.8.28.14.1**) condition

1.8.28.14.5. Refer Fig: Table 19: Survival To Discharge By Gestation

Table 19: Survival To Discharge By Gestation (Applies to inborn & outborn babies.)

Month	< 28	28 - 30	31 - 32	33 - 36	37 - 38	39 - 40	41 - 42	> 42
Jan-2018	0 (0 %)	0 (0 %)	2 (100.00 %)	6 (100.00 %)	7 (100.00 %)	6 (100.00 %)	0 (0 %)	0 (0 %)
Feb-2018	0 (0 %)	1 (50.00 %)	4 (100.00 %)	6 (100.00 %)	2 (100.00 %)	6 (100.00 %)	0 (0 %)	1 (0 %)
Dec-2017	0 (0 %)	0 (0 %)	3 (100.00 %)	11 (100.00 %)	5 (100.00 %)	12 (100.00 %)	0 (0 %)	0 (0 %)
Nov-2017	0 (0 %)	1 (100.00 %)	2 (100.00 %)	6 (100.00 %)	6 (100.00 %)	12 (100.00 %)	0 (0 %)	0 (0 %)
Oct-2017	0 (0 %)	3 (100.00 %)	3 (100.00 %)	5 (100.00 %)	9 (100.00 %)	12 (100.00 %)	0 (0 %)	0 (0 %)
Sep-2017	0 (0.00 %)	0 (0 %)	2 (100.00 %)	10 (100.00 %)	9 (100.00 %)	18 (100.00 %)	0 (0 %)	1 (0 %)
Aug-2017	0 (0 %)	0 (0 %)	1 (100.00 %)	15 (100.00 %)	9 (100.00 %)	13 (100.00 %)	0 (0 %)	0 (0 %)

Fig: Table 19: Survival To Discharge By Gestation

1.8.28.15. Table 20: Survival to Discharge by Birth Weight

1.8.28.15.1. Table value would be displayed based on the Baby Registration “Birth Weight” and NiCU discharge status except died or died OCR i.e., Inpatient, Discharged, Discharge at Request, Discharge Against Medical Advice, Transferred any one of these must be selected

1.8.28.15.2. I.e., Registration -> Baby Registration -> Birth Weight and NICU Admission -> NICU Discharge Details -> Discharge details -> Status

1.8.28.15.3. Refer Fig: Birth Weight, Fig: Discharge Status

The screenshot shows the Neonatal software dashboard. The left sidebar has buttons for REGISTRATION, Mother Registration, Baby Registration (highlighted with a red arrow), NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, and NURSE DAILY ENTRY FORM. The main panel shows the Baby Registration screen with fields for Mr No, Baby Name, DOB, Birth Status (Inborn), Birth Weight (in grams) (2700), and Baby's Blood Group (Not Known). Arrows point from the text descriptions to the corresponding form fields.

Fig: Birth Weight

1.8.28.15.4. Survival to Discharge by Birth Weight table data will be generated based on the above(1.8.28.14.1) condition

1.8.28.15.5. Refer Fig: Table 20: Survival to Discharge by Birth Weight

Discharge Details Checklist

Status: Inpatient

DOL at Discharge: 11

Corrected Gestation: Weeks: 38 Days: 1

Newborn Screen: N/A Sent Not Sent Normal Abnormal

Hearing Screening: N/A At 3 mths Not Indicated

Fig: Discharge Status

Table 20: Survival To Discharge By Birth Weight (Applies to inborn & outborn babies.)

Month	< 1000	1001 - 1500	1501 - 2000	2001 - 2500	2501 - 3000	3001 - 3500	3501 - 4000	> 4001
Jan-2018	0 (0 %)	1 (100 %)	3 (100 %)	5 (100 %)	4 (100 %)	6 (100 %)	1 (100 %)	1 (100 %)
Feb-2018	0 (0 %)	2 (67 %)	7 (100 %)	2 (100 %)	5 (100 %)	2 (100 %)	1 (100 %)	0 (0 %)
Dec-2017	0 (0 %)	5 (100 %)	5 (100 %)	7 (100 %)	7 (100 %)	6 (100 %)	1 (100 %)	0 (0 %)
Nov-2017	0 (0 %)	1 (100 %)	6 (100 %)	6 (100 %)	9 (100 %)	5 (100 %)	0 (0 %)	0 (0 %)
Oct-2017	1 (100 %)	6 (100 %)	4 (100 %)	2 (100 %)	10 (100 %)	7 (100 %)	0 (0 %)	1 (100 %)
Sep-2017	0 (0 %)	3 (100 %)	5 (100 %)	8 (100 %)	14 (100 %)	7 (100 %)	0 (0 %)	2 (100 %)
Aug-2017	0 (0 %)	3 (100 %)	3 (100 %)	15 (100 %)	8 (100 %)	6 (100 %)	3 (100 %)	0 (0 %)

Fig: Table 20: Survival to Discharge by Birth Weight

1.8.28.16. Table 21: Characteristics of Babies Who Died

- 1.8.28.16.1.** Status should be either died or died(ONCR) in “Discharge details”
- 1.8.28.16.2.** I.e., NICU Admission -> NICU Discharge Details -> Discharge details -> Status
- 1.8.28.16.3.** Refer Fig: Discharge Status
- 1.8.28.16.4.** Based on the status selected as in above(**1.8.28.16.1**) condition, the total no of entries(count) will calculate and display in Characteristics of Babies who died table
- 1.8.28.16.5.** Refer

Discharge Details Checklist

Status:

- Inpatient
- Inpatient
- Discharged
- Discharge at Request
- Discharge Against Medical Advice
- Transferred
- Died
- Died (OCNR)

DOL at Discharge:

11

OFC in cm:

31.5

Corrected Gestation:

Weeks: 38 Days: + 1

Newborn Screen:

N/A	Sent	Not Sent	Normal	Abnormal
-----	------	----------	--------	----------

Hearing Screening:

N/A	At 3 mths	Not Indicated
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Fig: Discharge Status**1.8.28.17. Table 22: Procedures Performed****1.8.28.17.1. Endotracheal intubation**

- 1.8.28.17.1.1.** Invasive and ET Tube should be Yes in “Respiratory System”
- 1.8.28.17.1.2.** I.e., NICU Admission -> Doctors Daily Entry Form -> Respiratory System -> Invasive Ventilation (Yes) -> ET Tube (Yes)
- 1.8.28.17.1.3.** Refer Fig: Endotracheal intubation
- 1.8.28.17.1.4.** Procedures Performed table data for Endotracheal intubation, will be generated based on the Invasive and ET Tube entries from “Respiratory System”
- 1.8.28.17.1.5.** Refer **Fig: Table 22: Procedures Performed**

General Information **Respiratory System** Cardiovascular System Gastrointestinal System Central Nervous System
 Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Respiratory ICD:

Are there any positive examination findings? **N/A** No Yes

Invasive Ventilation:

N/A **Yes** **No**

Invasive Ventilation Type: CMV

PIP: 5

PEEP: 5

Type Of Blood Gas:

Lactate:

ET Tube:

N/A **Yes** **No**

Size in cm: None

Fig: Endotracheal intubation**1.8.28.17.2. Intercostal tube insertion****1.8.28.17.2.1.** Intercostal Drain in “Respiratory system” should be Yes**1.8.28.17.2.2.** I.e., NICU Admission -> Doctors Daily Entry Form -> Respiratory System -> Intercostal Drain(Yes)**1.8.28.17.2.3.** Refer Fig: Respiratory System, Fig: Intercostal Drain

General Information **Respiratory System** Cardiovascular System Gastrointestinal System Central Nervous System
 Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Respiratory ICD:

Are there any positive examination findings? **N/A** No Yes

Invasive Ventilation:

N/A **Yes** **No**

Type Of Blood Gas:

Fig: Respiratory System

REGISTRATION

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

Admission Form

Doctors daily entry form (highlighted)

NICU Discharge Details

Ventilator Rate:

Frequency (Hz):

IT in sec:

Flow (L/min):

Needle Thoracocentesis:

No

Intercostal Drain:

Yes (highlighted)

Chronic Lung Disease:

No

Fig: Intercostal Drain

1.8.28.17.2.4. Procedures Performed table data for Intercostal tube insertion, will be generated based on the Intercostal Drain entries from “Respiratory System”

1.8.28.17.2.5. Refer Fig: Table 22: Procedures Performed

1.8.28.17.3. Lumbar puncture

1.8.28.17.3.1. Lumbar puncture in “Sepsis & Drugs” should be Yes

1.8.28.17.3.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Sepsis & Drugs -> Lumbar puncture(Yes)

1.8.28.17.3.3. Refer Fig: Lumbar puncture

REGISTRATION

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

Admission Form

Doctors daily entry form (highlighted)

NICU Discharge Details

Discharge Summary

NURSE DAILY ENTRY FORM

POSTNATAL ADMISSION

OP REGISTRATION

REPORTS

TESTS

CALCULATORS

Dashboard > Daycare > Edit For B/O Test 123231212

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System

Renal, Fluid Balance & Bloods **Sepsis & Drugs** (highlighted) Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Sepsis ICD:

SEPSIS:

Other Drugs

Organism:

Lumbar puncture:

Performed

Not Performed

Not Indicated

Fig: Lumbar puncture

1.8.28.17.3.4. Procedures Performed table data for Lumbar puncture, will be generated based on the Lumbar puncture entries from “Sepsis & Drugs”

1.8.28.17.3.5. Refer Fig: **Table 22: Procedures Performed**

1.8.28.17.4. Umbilical arterial catheterization

1.8.28.17.4.1. Umbilical arterial catheterization(UAC) in “Invasive Lines” should be Yes

1.8.28.17.4.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Invasive Lines -> UAC(Yes)

1.8.28.17.4.3. Refer Fig: UAC

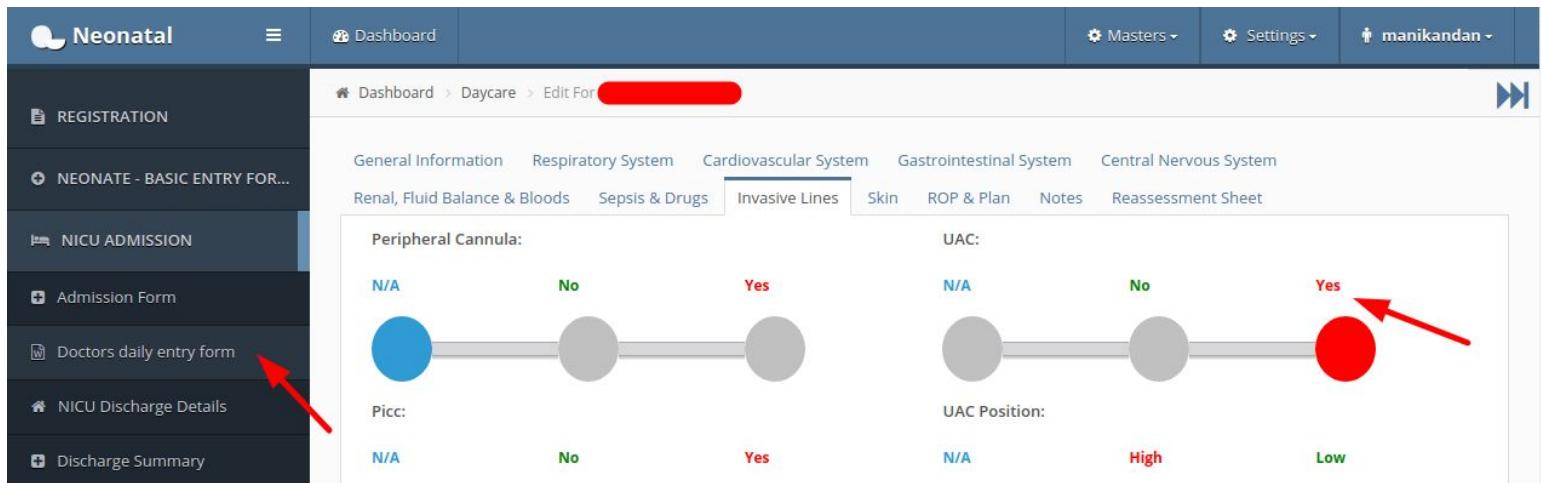


Fig: UAC

1.8.28.17.4.4. Procedures Performed table data for Umbilical arterial catheterization (UAC) , will be generated based on the UAC entries from “Invasive Lines”

1.8.28.17.4.5. Refer Fig: **Table 22: Procedures Performed**

1.8.28.17.5. Umbilical venous catheterization

1.8.28.17.5.1. Umbilical venous catheterization(UVC) in “Invasive Lines” should be Yes

1.8.28.17.5.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Invasive Lines -> UVC(Yes)

1.8.28.17.5.3. Refer Fig: UVC

1.8.28.17.5.4. Procedures Performed table data for Umbilical venous catheterization (UVC) , will be generated based on the UVC entries from “Invasive Lines”

1.8.28.17.5.5. Refer Fig: **Table 22: Procedures Performed**

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account for 'manikandan'. The left sidebar has sections for 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form', 'Doctors daily entry form' (highlighted with a red arrow), 'NICU Discharge Details', 'Discharge Summary', 'NURSE DAILY ENTRY FORM', 'POSTNATAL ADMISSION', 'OP REGISTRATION', and 'REPORTS'. The main content area shows tabs for 'General Information', 'Respiratory System', 'Cardiovascular System', 'Gastrointestinal System', 'Central Nervous System', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines' (highlighted with a red arrow), 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. Under the 'Invasive Lines' tab, there are three rows of sliders. The first row is for 'Peripheral Cannula' (Yes is selected), 'UAC' (No is selected), and 'UAC Position' (High is selected). The second row is for 'Picc' (Yes is selected) and 'UVC' (No is selected). The third row is for 'UVC' (Yes is selected). Sliders are represented by a blue circle on the far left, a grey middle circle, and a red circle on the far right.

Fig: UVC**1.8.28.17.6. Peripheral arterial catheterization**

- 1.8.28.17.6.1.** Peripheral arterial catheterization(PAC) in “Invasive Lines” should be Yes
- 1.8.28.17.6.2.** I.e., NICU Admission -> Doctors Daily Entry Form -> Invasive Lines -> PAC(Yes)
- 1.8.28.17.6.3.** Refer Fig: PAC
- 1.8.28.17.6.4.** Procedures Performed table data for Peripheral arterial catheterization (PAC) , will be generated based on the PAC entries from “Invasive Lines”
- 1.8.28.17.6.5.** Refer Fig: Table 22: Procedures Performed

The screenshot shows the Neonatal software interface. The left sidebar contains various menu items: REGISTRATION, NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, Admission Form, Doctors daily entry form (highlighted with a red arrow), NICU Discharge Details, Discharge Summary, NURSE DAILY ENTRY FORM, POSTNATAL ADMISSION, OP REGISTRATION, REPORTS, TESTS, CALCULATORS, and DELETE APPROVALS. The main content area shows a dashboard for a patient with ID 123231212. The 'Invasive Lines' tab is selected in the top navigation bar. Below it, there are sections for Peripheral Cannula, UAC, Picc, UAC Position, UVC, UAC Day, UVC Position, UAC Complication, PAC, and another UAC Position section. Each section has three buttons: 'N/A' (blue circle), 'No' (grey circle), and 'Yes' (red circle). In the 'UAC Position' section, the 'Yes' button is highlighted with a red arrow. In the second 'UAC Position' section, the 'Yes' button is also highlighted with a red arrow.

Fig: PAC

1.8.28.17.7. Percutaneously insert central venous catheter

- 1.8.28.17.7.1. Percutaneously insert central venous catheter(PICC) in “Invasive Lines” should be Yes
- 1.8.28.17.7.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Invasive Lines -> PICC(Yes)
- 1.8.28.17.7.3. Refer Fig: PICC
- 1.8.28.17.7.4. Procedures Performed table data for Percutaneously insert central venous catheter (PICC), will be generated based on the PICC entries from “Invasive Lines”
- 1.8.28.17.7.5. Refer Fig: Table 22: Procedures Performed

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System
Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Peripheral Cannula:

N/A	No	Yes

UAC:

N/A	No	Yes

Picc:

N/A	No	Yes

UAC Position:

N/A	High	Low

Fig: PICC**1.8.28.17.8. USG abdomen**

- 1.8.28.17.8.1.** Ultrasound Abdominal in “Gastrointestinal System” should be Yes
- 1.8.28.17.8.2.** I.e., NICU Admission -> Doctors Daily Entry Form -> Gastrointestinal System -> Ultrasound Abdominal (Yes)
- 1.8.28.17.8.3.** Refer Fig: Gastrointestinal, Fig: Ultrasound

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System
Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Gastrointestinal ICD:

Are there any positive examination findings ?

Directly breast feed ?

Umbilicus:

Fig: Gastrointestinal

REGISTRATION
NEONATE - BASIC ENTRY FOR...
NICU ADMISSION
Admission Form
Doctors daily entry form
NICU Discharge Details

Aspirate Volume:
Aspirate Nature:
Stools: Bowels not opened
Abdomen: N/A Normal Scaphoid Distended

AXR Findings:
Ultrasound Abdominal: Yes
Key Findings:

Fig: Ultrasound Abdominal

1.8.28.17.8.4. Procedures Performed table data for USG abdomen, will be generated based on the Ultrasound Abdominal entries from “Gastrointestinal System”

1.8.28.17.8.5. Refer Fig: **Table 22: Procedures Performed**

1.8.28.17.9. USG KUB

1.8.28.17.9.1. Renal Ultrasound in “Renal, Fluid Balance & Bloods” should be Yes

1.8.28.17.9.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Renal, Fluid Balance & Bloods -> Renal Ultrasound

1.8.28.17.9.3. Refer Fig: Renal, Fluid Balance & Bloods, Fig: Renal Ultrasound

REGISTRATION
NEONATE - BASIC ENTRY FOR...
NICU ADMISSION
Admission Form
Doctors daily entry form
NICU Discharge Details
Discharge Summary

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System
Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan Notes Reassessment Sheet

Fluid Balance ICD:
Total Fluid ml/kg/d:
Previous Weight:
RBS:
Glucose & Electrolyte Abnormalities:
Hypoglycemia: No

Fig; Renal, Fluid Balance & Bloods

The screenshot shows the Neonatal software interface. On the left sidebar, under the 'NICU ADMISSION' section, the 'NICU Discharge Details' option is highlighted with a red arrow. In the main content area, there is a section for 'Renal Ultrasound'. Below the 'Renal Ultrasound:' label is a blue button with the word 'Yes'. A red arrow points from this button down to the 'Key Findings:' input field.

Fig: Renal Ultrasound

1.8.28.17.9.4. Procedures Performed table data for USG KUB, will be generated based on the Renal Ultrasound entries from “Renal, Fluid Balance & Bloods”

1.8.28.17.9.5. Refer Fig: **Table 22: Procedures Performed**

1.8.28.17.10. USG Spine

1.8.28.17.10.1. Ultrasound Spine in “Central Nervous System” should be Performed

1.8.28.17.10.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Central Nervous System -> Ultrasound Spine

1.8.28.17.10.3. Refer Fig: Ultrasound Spine

The screenshot shows the Neonatal software interface. On the left, there's a vertical sidebar with various menu items: REGISTRATION, NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, Admission Form, Doctors daily entry form (which has a red arrow pointing to it), NICU Discharge Details, Discharge Summary, NURSE DAILY ENTRY FORM, POSTNATAL ADMISSION, OP REGISTRATION, REPORTS, TESTS, CALCULATORS, and DELETE APPROVALS. The main area shows a navigation path: Dashboard > Daycare > Edit For [REDACTED]. Below this, there are tabs for General Information, Respiratory System, Cardiovascular System, Gastrointestinal System, Central Nervous System (which is highlighted with a red border and has a red arrow pointing to it), Renal, Fluid Balance & Bloods, Sepsis & Drugs, Invasive Lines, Skin, ROP & Plan, Notes, and Reassessment Sheet. The 'Central Nervous System' tab is active. The 'Notes' tab is also highlighted with a red border. The main content area includes fields for Central Nervous ICD, examination findings (positive or no), influence of sedation/paralysis (N/A, No, Yes), therapeutic hypothermia (N/A, No, Yes), neonatal reflexes (N/A dropdown), other CNS findings (text area), neuro sonogram (Not performed dropdown), ultrasound spine (performed button, highlighted with a red arrow), and ultrasound spine report (text area). There are also sections for pupils, anterior fontanelle (Normal, Depressed, Bulging), and activity (N/A dropdown).

Fig: Ultrasound Spine

1.8.28.17.10.4. Procedures Performed table data for USG Spine, will be generated based on the Ultrasound Spine entries from “Central Nervous System”

1.8.28.17.10.5. Refer Fig: Table 22: Procedures Performed

1.8.28.17.11. Echocardiogram

1.8.28.17.11.1. Echo in “Cardiovascular System” should be Yes

1.8.28.17.11.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Cardiovascular System -> Echo (Yes)

1.8.28.17.11.3. Refer Fig: Cardiovascular System, Fig: Echo

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. Below the navigation bar, a secondary menu has tabs for 'General Information', 'Respiratory System', 'Cardiovascular System' (which is highlighted in blue), 'Gastrointestinal System', 'Central Nervous System', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin', 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. On the left, a sidebar lists 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION' (selected), 'Admission Form', 'Doctors daily entry form', 'NICU Discharge Details', 'Discharge Summary', and 'NURSE DAILY ENTRY FORM'. A red arrow points from the sidebar to the 'NICU ADMISSION' tab in the top navigation.

Fig: Cardiovascular System

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Dashboard', 'Masters', 'Settings', and a user account. Below the navigation bar, a secondary menu has tabs for 'Peripheral Pulses', 'Femoral Pulses', 'Precordial Activity', 'CFT', 'S1S2', 'ECHO', and 'ECHO Report' (which is highlighted in blue). On the left, a sidebar lists 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION' (selected), 'Admission Form', 'Doctors daily entry form', 'NICU Discharge Details', and 'Discharge Summary'. A red arrow points from the sidebar to the 'NICU ADMISSION' tab in the top navigation.

Fig: ECHO

1.8.28.17.11.4. Procedures Performed table data for Echocardiogram, will be generated based on the Echo entries from “Cardiovascular System”

1.8.28.17.11.5. Refer Fig: Table 22: Procedures Performed

1.8.28.17.12. EEG

1.8.28.17.12.1. EEG in “Central Nervous System” should display Performed

1.8.28.17.12.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Central Nervous System -> EEG

1.8.28.17.12.3. Refer Fig: EEG

The screenshot shows the Neonatal software interface. The left sidebar contains links for Registration, Neonate - Basic Entry Form, NICU Admission, Admission Form, Doctors daily entry form (highlighted by a red arrow), NICU Discharge Details, Discharge Summary, Nurse Daily Entry Form, Postnatal Admission, OP Registration, Reports, Tests, Calculators, and Delete Approvals. The main content area shows a navigation path: Dashboard > Daycare > Edit For [REDACTED]. Below this is a tab bar with General Information, Respiratory System, Cardiovascular System, Gastrointestinal System, Central Nervous System (selected and highlighted by a red arrow), Notes, and Reassessment Sheet. The Central Nervous System section contains fields for Central Nervous ICD, examination findings, sedation/paralysis, therapeutic hypothermia, neonatal reflexes, other CNS findings, neuro sonogram, ultrasound spine, ultrasound spine report, MRI/CT Brain, and EEG/CFM. The EEG/CFM field is highlighted with a red arrow and shows the status 'Performed'.

Fig: EEG

1.8.28.17.12.4. Procedures Performed table data for EEG, will be generated based on the EEG entries from “Central Nervous System”

1.8.28.17.12.5. Refer Fig: Table 22: Procedures Performed

1.8.28.17.13. Double volume exchange transfusion

1.8.28.17.13.1. NNJ Treatment in “Gastrointestinal System” should display Exchange R

1.8.28.17.13.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Gastrointestinal System -> Exchange R

1.8.28.17.13.3. Refer Fig: NNJ Treatment

The screenshot shows the Neonatal software interface. The top navigation bar includes 'Neonatal', 'Dashboard', 'Masters', 'Settings', and a user account. Below the dashboard, tabs for 'General Information', 'Respiratory System', 'Cardiovascular System', 'Gastrointestinal System' (highlighted with a red arrow), 'Central Nervous System', 'Renal, Fluid Balance & Bloods', 'Sepsis & Drugs', 'Invasive Lines', 'Skin' (highlighted with a red arrow), 'ROP & Plan', 'Notes', and 'Reassessment Sheet'. The left sidebar lists 'REGISTRATION', 'NEONATE - BASIC ENTRY FOR...', 'NICU ADMISSION', 'Admission Form' (highlighted with a red arrow), 'Doctors daily entry form' (highlighted with a red arrow), 'NICU Discharge Details', 'Discharge Summary', 'NURSE DAILY ENTRY FORM', 'POSTNATAL ADMISSION', 'OP REGISTRATION', 'REPORTS', 'TESTS', 'CALCULATORS', and 'DELETE APPROVALS'. The main content area contains sections for 'Gastrointestinal ICD:', 'Are there any positive examination findings?' (with 'N/A' selected), 'Directly breast feed?' (with 'No' selected), 'Other Type Of Feeds?' (with 'No' selected), 'Volume' (input field), 'Frequency' (dropdown menu), 'Working Weight' (input field), 'Feeds ml/kg/d' (input field), 'Type of Feeds' (dropdown menu), 'Full Enteral Feeds' (radio buttons: 'N/A', 'Reached', 'Not Reached'), 'IV fluids +/- PN ml/hour' (input field) and 'ml/day' (input field), 'Drug Infusions ml/hour' (input field) and 'ml/day' (input field). To the right, there are sections for 'Umbilicus' (dropdown menu), 'Hepatomegaly' (radio buttons: 'N/A', 'No', 'Yes'), 'Splenomegaly' (radio buttons: 'N/A', 'No', 'Yes'), 'Hernia' (dropdown menu), 'Genitalia' (input field), 'Maximum Bilirubin (in last 24 hours)' (input field), and 'NNJ Treatment' (radio buttons: 'N/A', 'None', 'Photo Rx', 'Exchange Rx', with 'Exchange Rx' highlighted with a red arrow).

Fig: NNJ Treatment

1.8.28.17.13.4. Procedures Performed table data for Double volume exchange transfusion, will be generated based on the NNJ Treatment entries from “Central Nervous System”

1.8.28.17.13.5. Refer Fig: **Table 22: Procedures Performed**

1.8.28.17.14. Chest and Abdominal X ray

1.8.28.17.14.1. Initial X-rays in “Procedures” should display Performed

1.8.28.17.14.2. I.e., NICU Admission -> Admission Form -> Procedures -> Initial X-rays

1.8.28.17.14.3. Refer Fig: Initial X-rays

REGISTRATION

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

Admission Form

Doctors daily entry form

NICU Discharge Details

Discharge Summary

Dashboard

Basics **Medical History** **Pregnancy** **Baby Details** **Admission Details** **Procedures** **CRIB II** **SNAPPE II** **Diagnosis**

Initial X ray: **SepsisScreen:**

Chest X ray findings: right sided hazziness present

Abdominal X Ray findings: 9 hours

Indications: lethargic poor sucking temp diff >2 F

IV Antibiotic: Ampicillin + Cloxacillin
Amikacin

UAC:

Fig: Initial X ray

1.8.28.17.14.4. Procedures Performed table data for Chest and Abdominal X ray, will be generated based on the Initial X ray entries from “NICU Admission”

1.8.28.17.14.5. Refer Fig: Table 22: Procedures Performed

1.8.28.17.15. Pericardiocentesis

1.8.28.17.15.1. Needle Thoracocentesis in “Respiratory System” should be Yes

1.8.28.17.15.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Respiratory System -> Needle Thoracocentesis

1.8.28.17.15.3. Refer Fig: Respiratory System, Fig: Needle Thoracocentesis

REGISTRATION

NEONATE - BASIC ENTRY FOR...

NICU ADMISSION

Admission Form

Doctors daily entry form

NICU Discharge Details

Dashboard

General Information **Respiratory System** **Cardiovascular System** **Gastrointestinal System** **Central Nervous System**

Renal, Fluid Balance & Bloods **Sepsis & Drugs** **Invasive Lines** **Skin** **ROP & Plan** **Notes** **Reassessment Sheet**

Respiratory ICD:

Are there any positive examination findings ?

Invasive Ventilation:

Type Of Blood Gas:

Fig: Respiratory System

Surfactant therapy in the NICU: Yes

Indication For Surfactant:

Baby's Respiratory Rate: 56

Retractions: N/A No Mild Moderate Severe

Air entry: N/A Equal Reduced Bilateral Reduced Right Reduced Left

AaDO₂: -79

Other RS Findings: Nil

Needle Thoracocentesis: Yes

Intercostal Drain: Yes

Chronic Lung Disease: No

Fig: Needle Thoracocentesis

1.8.28.17.15.4. Procedures Performed table data for Pericardiocentesis, will be generated based on the Needle Thoracocentesis entries from “Respiratory System”

1.8.28.17.15.5. Refer Fig: Table 22: Procedures Performed

1.8.28.17.16. MRI

1.8.28.17.16.1. MRI in “Central Nervous System” should display Yes

1.8.28.17.16.2. I.e., NICU Admission -> Doctors Daily Entry Form -> Central Nervous System -> MRI

1.8.28.17.16.3. Refer Fig: Central Nervous System, Fig: MRI

General Information Respiratory System Cardiovascular System Gastrointestinal System Central Nervous System

Renal, Fluid Balance & Bloods Sepsis & Drugs Invasive Lines Skin ROP & Plan None Reassessment Sheet

Central Nervous ICD:

Are there any positive examination findings? N/A No Yes

Is the baby under the influence of sedation/Paralysis? N/A No Yes

Therapeutic Hypothermia: N/A No Yes

Neonatal Reflexes: Normal

Fig: Central Nervous System

The screenshot shows the Neonatal software interface. On the left, a vertical sidebar lists various patient entry forms: REGISTRATION, NEONATE - BASIC ENTRY FOR..., NICU ADMISSION, Admission Form, Doctors daily entry form, NICU Discharge Details, Discharge Summary, NURSE DAILY ENTRY FORM, POSTNATAL ADMISSION, OP REGISTRATION, and REPORTS. An arrow points from the 'Doctors daily entry form' option to the main content area. The main content area displays the following information:

- Anterior Fontanelle:** A scale with four options: N/A (light blue), Normal (green), Depressed (orange), and Bulging (red). The 'Normal' option is selected.
- Activity:** A dropdown menu showing 'Normal'.
- Tone:** A dropdown menu showing 'Normal'.
- Cry:** A dropdown menu showing 'Normal consolable'.
- Seizures:** A scale with three options: N/A (light blue), No (green), and Yes (red). The 'No' option is selected.
- Procedures Performed:**
 - Neuro Sonogram:** Status: performed. Report: ND.
 - Ultrasound Spine:** Status: performed. Report: (empty box).
 - MRI/CT Brain:** Status: Yes. Report: (empty box).
- Key Findings:** (Empty box)

Fig: MRI

- 1.8.28.17.16.4.** Procedures Performed table data for MRI, will be generated based on the MRI entries from “Central Nervous System”
- 1.8.28.17.16.5.** Refer **Fig: Table 22: Procedures Performed**

Table 22: Procedures Performed (Applies to inborn & outborn babies.)

Month	Jan-2018	Feb-2018	Dec-2017	Nov-2017	Oct-2017	Sep-2017	Aug-2017
Endotracheal intubation	6	8	9	14	17	26	36
Intercostal tube insertion	1	2	2	2	3	8	9
Lumbar puncture	0	0	0	0	0	0	0
Umbilical arterial catheterization	0	0	1	4	7	11	15
Umbilical venous catheterization	0	0	1	4	7	11	15
Peripheral arterial catheterization	0	0	0	0	0	0	0
Percutaneously inserts central venous catheter	3	5	9	11	17	20	23
USG abdomen	1	0	0	0	1	2	2
USG KUB	1	0	0	0	3	8	1
USG Spine	1	0	1	0	0	0	0
Echocardiogram	9	5	6	10	23	14	1
EEG	1	0	0	0	0	0	0
Double volume exchange transfusion	0	0	0	0	1	0	0
Chest and Abdominal X ray	10	5	0	6	6	6	26
Pericardiocentesis	1	2	0	0	0	1	1
MRI	2	0	2	1	1	0	1

Total No. Of Outside Referrals : 163

Fig: Table 22: Procedures Performed**1.8.28.18. Table 23: Outside Referrals by Gestation****1.8.28.18.1.** Birth Status must be “Outborn” in “Baby Registration”**1.8.28.18.2.** I.e., Registration -> Baby Registration -> Birth Status -> Gestation Weeks**1.8.28.18.3.** Refer Fig: Outborn

Dashboard > Baby Registration > Edit

Mr No: [REDACTED]

Baby Name: [REDACTED]

DOB: 15-02-2018

TOB: 05 18 PM

Multiple Pregnancy: Yes

Multiple Pregnancy Type: Twins

No. of babies admitted: 2

Birth Order:

Sex: Male

Gestation:

Weeks: 38 Days: + 1

Birth Status: Outborn

Birth Weight (in grams) (in kilograms): 2956 2.956

Baby's Blood Group: A Positive

Neonatal Consultant: Dr Karthik Balasubramanian

+ Add More

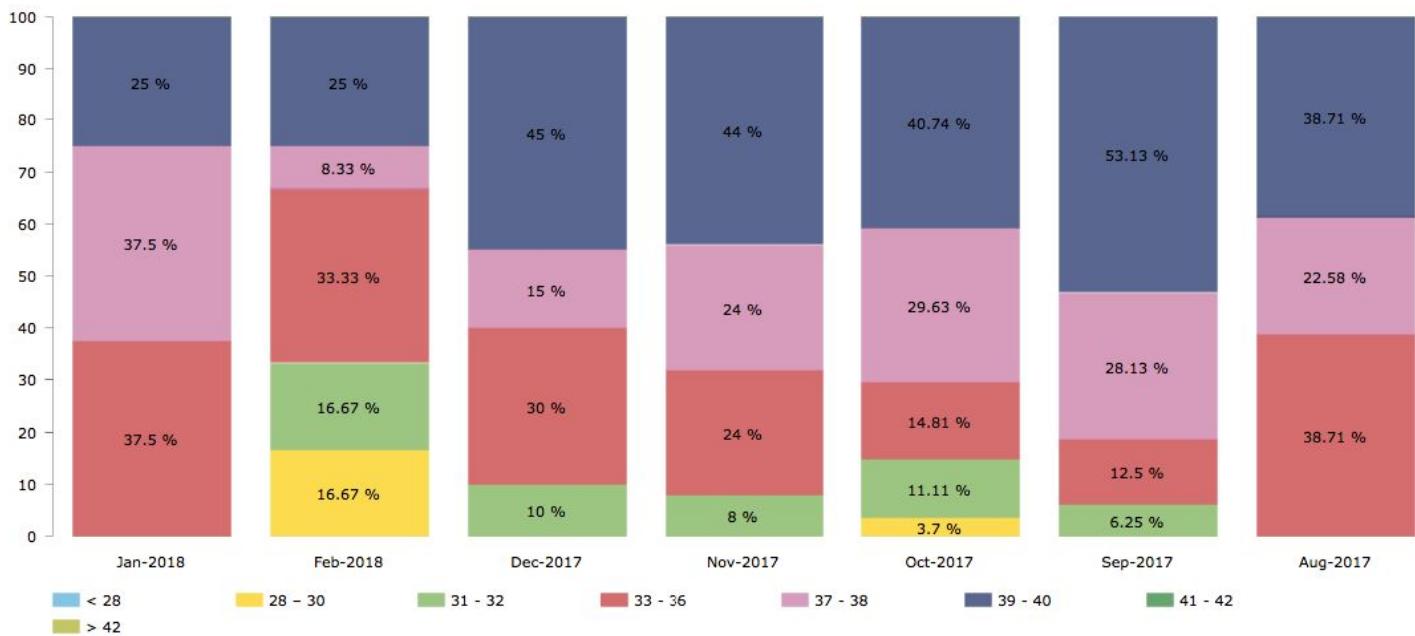
Paediatric Surgeon: N/A

Fig: Outborn

- 1.8.28.18.4.** Outside Referrals by Gestation table data will be generated based on “Outborn” babies for Gestation weeks entries from “Baby Registration”
- 1.8.28.18.5.** Refer Fig: Table 23: Outside Referrals by Gestation

Table 23: Outside Referrals By Gestation (Applies to inborn & outborn babies.)

Month	< 28	28 - 30	31 - 32	33 - 36	37 - 38	39 - 40	41 - 42	> 42
Jan-2018	0 (0.00 %)	0 (0.00 %)	0 (0.00 %)	6 (37.50 %)	6 (37.50 %)	4 (25.00 %)	0 (0.00 %)	0 (0.00 %)
Feb-2018	0 (0.00 %)	2 (16.67 %)	2 (16.67 %)	4 (33.33 %)	1 (8.33 %)	3 (25.00 %)	0 (0.00 %)	0 (0.00 %)
Dec-2017	0 (0.00 %)	0 (0.00 %)	2 (10.00 %)	6 (30.00 %)	3 (15.00 %)	9 (45.00 %)	0 (0.00 %)	0 (0.00 %)
Nov-2017	0 (0.00 %)	0 (0.00 %)	2 (8.00 %)	6 (24.00 %)	6 (24.00 %)	11 (44.00 %)	0 (0.00 %)	0 (0.00 %)
Oct-2017	0 (0.00 %)	1 (3.70 %)	3 (11.11 %)	4 (14.81 %)	8 (29.63 %)	11 (40.74 %)	0 (0.00 %)	0 (0.00 %)
Sep-2017	0 (0.00 %)	0 (0.00 %)	2 (6.25 %)	4 (12.50 %)	9 (28.13 %)	17 (53.13 %)	0 (0.00 %)	0 (0.00 %)
Aug-2017	0 (0.00 %)	0 (0.00 %)	0 (0.00 %)	12 (38.71 %)	7 (22.58 %)	12 (38.71 %)	0 (0.00 %)	0 (0.00 %)

Figure 17: Outside Referrals By Gestation (Applies to inborn & outborn babies.)**Fig: Table 23: Outside Referrals by Gestation****1.8.28.18.6.**