PeriGen®

Empowering Clinicians. Advancing Perinatal Systems.

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The NaviCare® WatchChild® Solution
Obstetrical Data Management System

Release Notes

Contents

Overview

NaviCare® WatchChild® is intended to be used as a complete Obstetrical Data Management System, which has the ability to record, store, and display data from fetal and maternal vital signs monitors. It manages patient information from the initial prenatal care to post-delivery discharge. NaviCare® WatchChild® organizes clinical data that would normally be provided on paper records or other clinical systems and devices. This system also serves as a decision support tool and serves as an electronic medical record.

Resolved Issues

Issues Resolved in NWC 1.6.400 Release

Maternal

- Adjusted the following fields under the System Assessment fields under Obstetric Admitting Record and Flowsheet Records from single selection to allow multiple selection: HEENT, Extremities, Gastrointestinal, Neurological, Cardiovascular, Skin, Respiratory, Breasts, Abdomen, Urinary, Genitalia
- On the Outpatient Observation record, the EDD will auto calculate from the LMP.
- Gestational Age will auto-calculate and auto-populate on the Census and L&D Summary when entered in the Admission record or the Observation record.
- Pressing F3 (save) with an invalid GA weeks value, will not save the invalid value.
- Users will no longer be able to document in the future except for select fields. Currently, these fields are Estimated Delivery Date, Next Visit, and Expiration Date.
- The Multi-Surveillance and Chart floating window provides enhanced functionality and access to the following: Mark; Trend; Conflicts; Exam; Schedule; Strip Analysis; Fetal Assess; Admission; Alerts; Annotate; Chart; and Discharge.
- "Within Normal Limits will only display in empty fields when selected, User documentation will not be overwritten.
- The IP address in the lower left corner of the workstation can now be toggled between MAC address and IP address on demand.
- When WatchChild running an icon will appear in the task bar.

- Single Sign On
    - Independence Surveillance screen has a new Windows border which contains the Minimize, Maximize, and Exit buttons on the upper right corner.
        o Minimize will put the application on the task bar and remove it from view. Clicking on the icon on the task bar will re-display the view prior to being minimized.
        o Maximize enlarges the screen to the full size of the screen. (Users can also double click the top bar to Maximize the screen.)
        o Exit will close the NWC application.

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- o When user clicks on the WatchChild Icon in the upper left corner of the screen a menu is available with the following options: Minimize; Maximize; Move; Size; Restore; and Close.
- The Independent Surveillance window provides enhanced functionality and access to the following: Logout, Trend, Exam, Conflicts, Schedule, Strip Analysis, Fetal Assess, Admission, Alerts, Chart, Census, Maternal, and Discharge.
- There is a right arrow on the right side of the button area below the strip which will return the user to the Independent Surveillance when clicked.
- On the Independent Surveillance window users can right click the bar below the fetal strip to display all available functionality and screens.

Issues Resolved in NWC 1.6.202 and 1.6.302 Hotfix Release

Maternal:

- WatchChild will identify the patient visit if SSO launch message is received without a visit number and not display informational message to the user.

Issues Resolved in NWC 1.6.201 and 1.6.301 Hotfix Release

Maternal

- Many times the User ID used to identify the currently logged in user on the EMR is different than that ID used to log into WatchChild. Corrected Single Sign On launch problem when the EMR ID is different than the WatchChild User ID.

Issues Resolved in NWC 1.6.300 Release

Maternal

- When documenting annotation that include annotations from multiple categories of the three-tiered annotation screen, the originally selected date/time will be used for all annotations. Previously, when the category changed, the date/time changed to the current time.
- Uterine/Fetal Assessment record in Outpatient/Observation Flowsheet will now print both values for the Daily Weight in lbs. and kgs. (NOTE: Daily Weight in lbs. and kgs. are printed in Antepartum/Intrapartum Flowsheet.)
- "Flowsheet Display" values are defaulted appropriately when the flowsheet records are opened after visiting the Prenatal EDD Confirmation screen. Previously, if you opened the Prenatal EDD Confirmation screen, then selected the patient and Fetal Assess or Exam from the census or surveillance screen, the "Flowsheet Display" value would become mandatory (orange) with no default values in the drop down.
- Reference list values will display a tool tip if the mouse hovers over the dropdown values. And tooltip has been added for the single and multi-select fields. Note: tool tips are not available from single select dropdowns within a grid control e.g. Maternal Problems grid, Home Medications grid.

- The Valid flags for all Flowsheet records, are now two state valid (contains an 'X') or invalid (is blank). Previously, some flowsheet records allowed an unknown state ('?').
- Maternal Census has a Show Names/Hide Names button.
- Maternal Census screen will time out to initials when the *PatientIdentifierDisplay* is set to toggle and the User Timeout value is exceeded.
- The system does not allow a restricted user to chart on the fetal assessment from the single surveillance screen without immediate authorization.
- Duration, Intensity, and Rest Tone values in Strip Analysis will now be rounded to the nearest 0 or 5. When rounding with range the lower value rounds down and the higher value rounds up. When rounding a single number, the system will round to the nearest 0 or 5. If the user hovers over the rounded values in the Strip Analysis tool, a tool tip is displayed with the actual value from strip analysis.
- Vaginal Exam
    - Added three new fields Cervical Position, Consistency, and Presentation to the Vaginal Examination record.
    - Dilation now allows "0.5 Fingertip" and "9.5 Anterior Lip"
    - Added a restriction before saving a record, Station can't be documented without a dilation.
- Uterine Fetal Assessment
    - Added a new field Characteristics to Uterine Activity section.
    - Presentation, Fetal Categories, and Fetal Characteristics values are not defaulted from previous flowsheet record.
    - Uterine Activity Monitor value will be defaulted from the previous flowsheet record.
    - Fetal Assess Categories field will collapse after a value is selected (behaves like a regular single select field).
    - Fetal Assess Categories field is single select for all babies (A-J).
    - Next button now auto-populates the same fields like the OK button on the Uterine Fetal Assessment.
- Labor Curve
    - X-axis displays date and time.
    - If no data is available, the labor curve will not display.
    - Scrolling works without any pop-ups appearing.
    - Scroll bar no longer disappears after Zooming out and click to scroll.
    - Legend displayed in the application and printout.
    - 32-bit and 64-bit workstations can print the labor curve.

- o Personalize the Workstations setting to Windows Classic theme to display correctly. (Other themes display a black bar on the labor curve).
- Archive
  - o Archive Access - The system allows users with the "Archive Access – Review" role feature to reverse discharge a patient when the visit is in Review state.
  - o Patient visits, in the Review state, can be retrieved/reverse discharged multiple times without requiring the Archiving service to be run requests.
  - o The Archiving Service restarts successfully after an IIS Reset.
  - o Retrieving a visit to an out bed, discharging the visit, and then reverse discharging the same visit to the **same out bed** (and vice versa) now puts the visit in the correct mode (retrieved visit is in review mode, reverse discharged visit is in modifiable mode for all screens). Previously, the second access of the visit would have the properties of the first visit.
  - o When searching for a patient's visit that is already on the census, the visit will display on the Archive Retrieval screen with an ArchiveStatus of "OnCensus(bed number)"

Archive Retrieval					
Enter First Few Letters of Patient Name `exam` (last, first) or (last) or (,first)		Search	Search by	Patient Name ▼	
Patient Name	Exam, Ellen				
MR Number	113				
Occurrence		Admitted	Discharged	Visit Number	ArchiveStatus
Pregnancy admitted at 06/11/2016 05:22					
n/a		06/11/2016 05:22	n/a	1	On Census(LDR105)

- o The Archive Status of a visit is set to Pending on discharge. Previously, the Archive Status was set to Discharged and the service would move the status to pending.
- o Display setting with multiple monitors stacked vertically, the Archiving screens are displayed correctly, all information is screen accessible and visible.

Issues Resolved in NWC 1.6.200 Release

Maternal

- Added the FDA Global Trade Item Number (GTIN) on the About Navicare WatchChild screen
- All passwords are case sensitive.
- Password Change screen on an un-configured workstation, now displays before the Remote Login screen.
- Password encryption is implemented for the Maternal application.
- Password encryption is implemented in the SQL database.
- Password encryption is implemented when they are transmitted across a network.

- User Maintenance Screen tab order is now left to right and top to bottom.
- Single Sign-On Launch
  - o SSO Launch will no longer launch the start screen when the selected patient to be displayed has not been admitted on the census, the application is closed, and the "Not Found" message is displayed.
  - o When SSO Launch executes for a patient that has missing information (no MRN, visit number, or DOB) and has only **one** visit on the census, the integrated start screen will display and a message will also display stating that there was missing information for that visit.
  - o When SSO Launch executes for a patient that has missing information (no MRN, visit number, or DOB) and **multiple** visits on the census, a message displays stating that the system does not know which visit to select.
  - o When SSO is launched with the security screen displayed and "Start at Security" checked (in the System Parameters), the Security Screen will close and the Integrated Start Screen will display. Previously, the user would have to manually close the Security Screen and then relaunch through SSO.
  - o When SSO Launch executes and there are open charting screens (this also includes the open alert screen), a message displays stating that the charting screens need to be close before SSO can launch successfully.
  - o SSO Launch displays the correct bed when there are multiple visits for the same patient on the census. Previously, it launched the first bed found with the patient
  - o When executing SSO Launch with the *Integrated Start Screen* set to *Single Surveillance* and the *SecurityIdlePeriod* expires, the start screen (Surveillance, Census, or Maternal Census) will be displayed. Previously, the application remained on the Single Surveillance screen.
- User Maintenance Tool
  - o Release version must match the NaviCare WatchChild release version in order to operate.
  - o Restricts access to users with the role feature "Edit User Maintenance".
  - o NWC user IDs must have a minimum of 5 characters when adding a new user.
  - o Accepts only alphanumerical characters, hyphens, underscores, and periods for NWC user IDs.
  - o Added an Error column and Validate button to display any errors in the entered information prior to updating to the database.
  - o Added a read only Domain user ID column. This is used in conjunction with the Bulk Import feature when Active Directory is turned on.

Newborn

- Added the FDA Global Trade Item Number (GTIN) on the About NaviCare WatchChild screen.
- Password encryption is implemented for the Newborn application.

- Newborn application will now timeout.
  - Timeout value is dependent on the location that the credentials are entered.
  - If the credentials are entered in the Maternal application and Newborn is launched after the Maternal application, the timeout value is dependent on the "User timeout (SecurityIdleTime) setting in the Parameter configuration screen.
  - If the credentials are entered in the Newborn application and the maternal application is opened after the Newborn application, the timeout for the maternal application will use the Newborn timeout value (configurable by calling technical support).
  - The default timeout value for Newborn is 10 minutes. Contact Technical Support Services to modify the Newborn value.

General Sustaining Fixes

- SSO will display a message when the selected bed to launch is not listed in either of the Surveillance Bed List or the Census Bed List.
- Date of Birth prints in correct date time format on the header of the Newborn records for the following reports: Admitting Record, Apgar Record, Bereavement Record, Charting History Report, Daily Sheet, Delivery Record, Discharge Education Record, Discharge Education Summary, Flowsheet Records, Incomplete Documentation, Labor and Delivery Handoff, Newborn Problems Record, and Newborn Handoff.
- Removed AdmitPatient exception delays due to transferring patients to destination bed with strip running.
- Corrected issue when admitting new patients and an error displays stating "Error occurred while admitting the patient" for sites that have Data migration from WatchChild I.
- Added performance enhancements for AutoADT.

Issues Resolved in NWC 1.6.100 Release

- Migrated to Microsoft SQL Server 2014.
- Enhanced Single Sign On (SSO) feature to support Fully Qualified Machine name via configurations of Message Receiver and Message Dispatcher, so that they can communicate via Event Brokering Service (EBS).
- Surveillance views(s) with two wall plates will now display with continuous real-time strip tracing and not cause other tracings to be dropped

Newborn

- Newborn reports generated by Dynamic Data Distribution (DDD) corrected.

Issues Resolved in NWC 1.6.000 Release

Maternal

Alert Configuration

- To be able to acknowledge alerts, a user must be assigned a role that includes the "Acknowledge alerts" role feature.

- To be able to set alerts active or inactive for an individual patient using the Setup Patient Alerts popup, each user must be assigned a role that includes the "Inactivate alerts" role feature.

- Prior to upgrade, the "Re-Alert Delay Period" for FHR alerts (previously known as the "AlertWait") could be set to be less than 60 seconds. After upgrade to 1.6.000, if the Facility Group level (or lower) value is less than 60 seconds, it changes to 60 seconds automatically.

- On the Parameter Configurations screen on the System Parameter tab, the following field labels are updated to be more user-friendly:

    o AlertWait and AlertNoDataWait > Re-Alert Delay

    o AlertFHRWindowSize > Alert Window Period

    o AlertFHRPercent and AlertNoDataPercent > Alert FHR %

    o AlertFHRGap > Gap Tolerance

- On the Parameter Configurations screen on the System Parameter tab, each alert type (FHR Low, FHR High, and FHR No Data) allows configuration of unique values for the following parameters:

    o Alert Window Period

    o Alert FHR %

    o Re-Alert Delay

- On the Parameter Configurations screen on the System Parameter tab, added unique Maternal Re-Alert Delay parameter.

- On the Parameter Configurations screen on the System Parameter tab, upgraded defaults and parameter ranges for alert configuration settings (see the latest System Manual for details).

    o New customer installations: Newly installed customers will get the new System defaults.

    o Existing customers upgrading to 1.6.000 or later: At the time of upgrade, existing customers can choose to:

        ▪ Preserve the current System defaults. Custom alert settings do not change with the upgrade.

- Switch to the 1.6.000 System defaults. Custom alert settings do not change with the upgrade; however, any alert settings that are currently inherited from the System will update if the System value changes.

- Previously the alert counters for all active beds were reset to zero (0) when system parameter changes were saved at any level (facility, workstation group, bed group, workstation, bed, etc.). In 1.6.000, only alert-related system parameter changes will reset the alert counters for all active beds (see the latest System Manual for details).

- When adding or renaming a bed in the system configuration, the alert counters for all active beds are reset to zero (0). This resolves errors on the Census and surveillance views when beds are added or renamed.

- The alert counters for an individual patient reset to zero (0) if the patient is off monitor for 5 minutes or more.

  o If the patient is put back on the monitor prior to the 5-minute limit, the alert counters continue, taking into consideration strip recorded before the patient was taken off the monitor. o If the patient is put back on the monitor after 5 minutes or more, the alert counters are reset to zero (0) and previous strip data is considered "stale" and disregarded when triggering new alerts.

- On the Setup Patient Alerts popup window, the No Data FHR alert is now included as one of the FHR alerts affected for the patient if a WatchChild® user checks (activates) or unchecks (deactivates) FHR Alerts.

- On the Parameter Configuration screen on the Beds parameters tab, updated the System-level defaults for:

  o AutoAnnotateMaternalVitalOn to ON

  o MoveDeleteStripAutoAnnotateOn to OFF

  o AlertAutoAnnotateOn to OFF

Alert Management

- To help ensure users consciously acknowledge alerts and view the bed and alert event information prior to acknowledging an alert:

  o Workstations configured not to show popups will display the Alert Management popup with alert event details if the user left-clicks within the red blinking border area for an alerting bed on a single surveillance view.

  o When a user acknowledges an alert after left-clicking within the red blinking border area for an alerting bed on a single surveillance view, the Alert Management popup closes.

- o If there is an additional active alert for the bed, the strip continues to show a red blinking border. (The user can acknowledge another active alert for the bed by again left-clicking within the red blinking border area on single surveillance.)

- o Only authorized users can acknowledge alerts in NWC. In order to acknowledge an alert, a user must be:

  - ▪ Logged in to NWC. If the user is not logged in, a popup message appears prompting the user to log in.

  - ▪ Be assigned the "Acknowledge alerts" role feature. If the user is logged in but not assigned the correct role feature, a message popup message appears informing the user they are not authorized to acknowledge.

  - ▪ Note: No role feature is required to view Alert Management popups, close/hold single alerts, or close all alerts at a workstation.

- If a workstation is configured to allow popups, a user can open the Alert Management popup window on demand by clicking on the number of alerts shown in the bottom status bar in NWC Maternal. Clicking the number of active alerts:

  - o "Unholds" all currently held alerts on the workstation.

  - o Opens the Alert Management popup window, showing the next alert.

  - o Note: On workstations configured to not allow popups, if the user clicks the number of alerts shown in the bottom status bar in NWC Maternal, a notification message appears instead of the Alert Management popup window.

- The previous "Alert Popup" window has been updated as follows:

  - o Window title changed to "Alert Management."

  - o "X" added in upper right corner, replacing the Hold button. Clicking X holds the single alert the same as the Hold button did in previous releases.

  - o Removed the Hold button (replaced with "X" in upper right corner of the window).

  - o Removed "Name" in "Bed" and "Patient" field labels (UI change only).

  - o Added "Close All" button in bottom left of the Alert Management window. Clicking "Close All" closes the Alert Management window and holds all active alerts on the workstation.

General Sustaining Fixes

- In the bottom button bar, changed the "Configure" button to "View Strips."
- When the NICU module is turned on, on the Infant Data Page, values entered for the first baby for Cord, Cord Blood, and Assist do not auto-populate to the second baby when the user clicks Next.

- When merging a patient with strip to a patient without strip, no strip is lost and only one patient appears on the Census view.
- When transferring a patient with overlapping strip, the merge strip screen appears:
  - In NWC 1.5.100 and 1.5.200, the strip that you cannot select (up to the last 2 minutes) was automatically selected from the source bed (the first bed clicked in the transfer).
  - In NWC 1.6.000 and later, the strip that you cannot select (up to the last 2 minutes) is automatically selected from the destination bed (the second bed clicked in the transfer).
- On the Parameter Configuration System tab, removing a parameter and then adding and saving the parameter with the same value saves correctly.

Issues Resolved in NWC 1.5.200 Release

- For Active Directory:
  - When the user id in Active Directory changes and the auto account creation is enabled, the user is prompted with an appropriate message upon logging into NWC.
  - SSO with Active Directory, the NWC system launches without error when the 'Start Screen' is configured as Surveillance and the 'Integrated Start Screen' is configured as Independent Surveillance.
  - When an AD user logs in on an unconfigured workstation, the user id remains displayed on the status bar until the user times out or manually logs off the system.
  - Changing an unconfigured workstation to a configured workstation allows an AD user to sign on without an error message.
- For Single Sign-on:
  - Surveillance views switch when the integrated system launches NWC for a different patient/bed. SSO with Local user (NWC User), the NWC system launches without error when the 'Start Screen' is configured as Surveillance and the 'Integrated Start Screen' is configured as Independent Surveillance.
- New events are generated to notify the Electronic Medical Record (EMR) when strip is moved/deleted.

Issues Resolved in NWC 1.5.101 Hotfix Release

Maternal:

- NWC client releases any unused memory when navigating between surveillance and charting screens so the performance of the system and/or other applications is optimal.

Issues Resolved in NWC 1.5.100 Release

Maternal:

- Only Tech Support can configure the archive parameter for: **Export Directory**, **Archive Path** and **Archive Start Time**. Tech Support must be called to make any changes to these parameters.

- The maternal Notes record enhanced functionality includes: Categories for the phrase lists, Filtering for the phrase list, listing All note records from previous visits for the current pregnancy (Overview grid), Refreshing the Overview grid, Searching the Overview grid for any alphanumeric specific criteria, and Verifying other user notes.

- Updated ordering and Sql commands so the archiving processes complete without Sql timeout exceptions.

- A message displays informing a concurrent user when another user has made parameter configuration changes from another workstation; the parameter configurations save and display the last saved changes once the screen is refreshed.

- System Parameter Bed List shows only active beds.

- External speakers on Windows 7 64-bit workstations:
  - Are compatible with NaviCare WatchChild o audible alert notifications are enabled only when external speakers are configured and connected to the workstation.

- Auto ADT Transfer updates:
  - ADT AUTO Transfer annotations cannot be edited.
  - Conflict messages for patients in a verify state accurately inform users the reason the patient cannot be transferred.
  - Patients, with or without strip, are transferred by Auto ADT, to the correct destination bed.
  - Multi-surveillance view automatically refreshes with the updated patient display information with AUTO ADT Transfers.

- Multiple surveillance: o displays the entire strip without gaps for any refresh activity.
  - refreshes the surveillance views when strip is destroyed for a bed.

- MAC addresses accept only hexadecimal values: symbols 0–9 for values zero to nine, and A, B, C, D, E, F (or alternatively a–f) for values ten to fifteen.

- Adding a new Workstation Group only displays accurate messages when parameter configuration changes/updates are made.

- Parameter Configurations:
  - Comments' section accepts and saves special characters.
  - the confirmation change message displays only when configuration updates are made.

- o *Alert Presentation* configuration updates only when changes have been made by a system administrator.
- Facility, Facility Group (FG), Workstation Groups (WSG), Workstations (WS), Bed Groups (BG), and Bed Names (BN) updates allow users to:
  - o view and navigate to all active nodes from the left-side tree panel on the Parameter Configuration screen.
  - o add a new or edit an existing node automatically and the changes save (without selecting 'Save') when navigating to another node.
  - o navigate to another node and a message pop-up displays and prompts to accept/discard previous field(s) changes.
  - o use a forward slash (/) for the configuration nodes: WSG, WS, BG, & BN names. o delete nodes which remove the node from the left-side tree panel.
  - o save comments for a specific node and the comments only appear in the specific node; each node comment(s) are independent.
  - o view only 'System' node level configurations and comments. No edits permitted at the 'System' node level; edits only allowed from (including) 'Facility' and 'FG' node down.
  - o obtain an audit trail report (from Tech Support) for node deletions.
- Transferring a patient on the Census resumes the fetal tracing appropriately.
- Adding a new Workstation Group or Workstation, the Start Screen parameter auto populates the Integration Start Screen with the inherited value.
- Print Strip:
  - o displays a message pop-up box with the details for the estimated number of pages to print based on the amount of strip requested to print.
  - o the strip prints without tracing as long as annotations exist within the requested time range.
  - o annotations print in a respectful manner based on the time range requested.
- The 'Back' button returns the workstation back to the configured start screen (Surveillance, Census, or Maternal Census) after a maximum 4 surveillance view returns. Depending on the number of previous surveillance views, the start screen displays; if the workstation previously viewed 5 different surveillance views, on the 4th 'Back' button selection, the view returns to the configured start screen.

Newborn:

- The Ballard score graph:
  - o is properly labeled with the reference information: Fenton BMC Pediatrics 2003 3:13 doi:10.1186/1471-2431-3-13.

- o   prints with the Name and MRN information displayed. Newborn Education updates can be added or updated from the **Newborn Education Overview** screen.

- The [**OK**] and [**Print**] buttons are always visible on the newborn graphs without requiring scrolling up/down on the screen.

- Discharge Education Overview allows the records to expand when selecting the (+) sign for education records so all additional documented education can be viewed.

Issues Resolved in NWC 1.5.011 Hotfix Release

Maternal:

- NWC client releases any unused memory when navigating between surveillance and charting screens so the performance of the system and/or other applications is optimal.

Issues Resolved in NWC 1.5.000 and 1.5.010 Hotfix Release

Maternal:

- Multi-surveillance screen view will display monitored beds with continuous real-time strip tracings.
- Archiving will occur when there is a large backlog of records that are eligible for archiving.
- User accounts will remain activated in NaviCare® WatchChild® if there are Active Directory issues.
- Biphasic values and STAN events received from the STAN monitor will not create annotations.
- Transfer messages received from the registration system are processed correctly and the patient is transferred to the new bed appropriately.

Newborn:

- Newborn Education updates can be added or updated from the Newborn Education Overview screen.

Issues Resolved in NWC 1.5.010

Maternal:

- When a workstation configures the 'User Timeout to Startup Screen' to 'On', user sessions which are idle beyond the configured idle time will be automatically logged out and the workstation display will change display to configured screen. All unsaved documentation is discarded and cannot be retrieved.

- Epic read-only annotations are supported in NaviCare® WatchChild®. Users may enter annotations in Epic which appear in NaviCare WatchChild as read-only.

- Strips viewed in Trend mode will automatically revert back to the real-time strip view once the configured idle time (no activity) has been exceeded.
- All charting fields with numeric values print as the numeric values entered and displayed on the screen.
- Infant temperature values print on the Infant Data pg. 3 for systems when NICU = 'Off'.

Newborn:

- Newborn Discharge Education filter functions regardless of the button selection sequence used for 'Print' or 'Ok'.

Issues Resolved in NWC 1.5.000

Maternal:

- Improved performance of stored procedures used to calculate gestational age, write archive records, and for transferring patients between beds on the census
- Updated the prenatal flowsheets to allow for documentation of pain scoring, skin integrity assessments, falls risks, care plans, and care plan updates.
- Added the ability to view documents exported from legacy OB Data Management systems within the WatchChild application
- Improved the communications between the WatchChild server and DAS units ▫ Corrected misspellings in several reports

Newborn:

- Revised discharge education workflow to allow for documentation of multiple patient education events

Issues Resolved in NWC 1.4.203
Maternal:

- Integrated systems are able to retrieve migrated patients.
- Enhanced performance of the client with large volumes of patients in the database.
- Enhanced performance of the server when clients attempt to reconnect

Issues Resolved in NWC 1.4.300

Maternal:

- Transferring patients to a bed being actively monitored creates a transfer annotation

- Intake/Output entry records display IV 'Dose' and 'Unit' fields

- Birth weight Summary Report displays the correct C-Section rate

- Phrase lists dropdowns for 'Notes' and 'Pain - Plan for management' show the phrase options for all selected flowsheets

- Postpartum lactation charting documents for the current, rather than previous, baby

- Report printing occurs without failures when a large number of users exist in the database

- Patient name case match is not required for merging patient visits

- A system restart is not required for Gravida or Para updated values to display on single surveillance

- Uterine/Fetal Assessment records determine the baby count for 'Birth Order of' from the current visit forward from previous entries

- The tab order on the postpartum exam screen follows top, down, left to right ordering

- The User View report displays the login ID and the user's full name

- When attempting to print strip for patients without strip data or annotations, a notification message pop appears with this fact and the printing is terminated The Labor and Delivery Handoff printed record(s) match the documentation displayed in the application when two fetal assessment records are entered in the same minute

- Home Medication entries are not duplicated on the printouts

- Home Medication F6 History includes 'Purpose' and 'Last taken'

- The login security window remains visible when an alert pop-up window appears

- Pre-Op Assessment screen navigation exits without multiple 'Cancel' attempts

- Multi-Surveillance screen configured to show active beds only, updates all workstations automatically

- Social Security Numbers documented on admission are masked on the screen

- 'Notes' can be accessed from within the 'I/O Entry' screen

- Uterine/Fetal assessment records with a different number of babies than on the Infant Data record display all fetal assessment records for the babies on the flowsheet display

- Annotations can be edited in NaviCare WatchChild and/or an integrated EMR system regardless of where the annotation was originally created

- Maternal 'Problems' record added to assist with Meaningful Use compliance

- NIBP data displayed on the single surveillance view will be up-to-date on all workstations

- The Corometrics 250cx series temperature probes are supported

- Increased the font size on the single surveillance screen
- The vaginal delivery count allows for a second signature and enables documentation for multiple counts

Newborn:

- Reports generated by DDD containing large flowsheet records will print.
- Apnea/Bradycardia values for Car Seat testing print "Yes", "No", or blank
- Newborn 'Problems' record added to assist with Meaningful Use compliance
- 'Delivery Data' screen added the field- 'Time since ROM'

Issues Resolved in NWC 1.4.201

Maternal:

- Documentation of decimal values enabled for Celsius temperature values with the uterine fetal analysis, postpartum, and recovery exam screens.
- Philips monitor support has been enhanced to ensure complete capture of data from internal probes.
- The performance of the application during receipt of HL7 interface messages was improved.

Issues Resolved in NWC 1.4.200

Maternal:

- NaviCare® WatchChild® User Manual (LAB00197) has been updated.
- NaviCare® WatchChild® System Administrator Manual (LAB00196) has been updated.
- Whenever possible the complete bed name will be displayed. The multi-surveillance screen will not wrap bed names when the maximum length of 12 characters is exceeded. The complete bed name is always available on multi-surveillance screen by a hovering tooltip. When trending, on the multi-surveillance screen, the trending arrow and cancel buttons are always visible. The space allocated for the display of the bed names is reduced to provide the space needed to display the trending arrow and cancel buttons. When there is not enough space for the complete bed name, an ellipsis (...) will be used.
- Decimal dilation values will display on the lower portion of single surveillance screen with the effacement and station values. The strip will display the decimal dilation value without an extra space.
- 'Anesthesiologist' and 'Surgeon' dropdown lists will display values on the PACU screen, even if the 'Intraoperative screen 2' has not been documented on. The Anesthesiologist dropdown list will have users configured as 'Type'-Doctor and 'Specialty'- Anesth or CRNA OR 'Type' -Nurse and 'Specialty'-

Anesth, CRNA or no specialty specified. The 'Surgeon' dropdown list will have users configured as 'Type'-Doctor and 'Specialty'- Obstetrician, Family Practice or CNM.

****Note: Flowsheet records are not designed to retain 'Other' values when new records are opened. For the PACU record, if 'Other' is used (to choose a name not in the dropdown list), the value is saved for that record, but when a new PACU record is opened, any previous 'Other' values will not show in the dropdown list.

- Patients can be transferred from one bed to another without the patient's name disappearing from the Census.

- The Phillips Avalon FM50 triplet monitor is supported by the NWC system. ***Note: When using the Phillips Avalon FM50 triplet monitor, regardless of the number of fetal tracings (single, twin, or triplet), the secondary wallplate (if applicable) will only monitor maternal physiological data; if another fetal monitor is connected to the secondary wallplate, there will not be any fetal data monitored. If a quad gestation needs to be monitored, (2) twin monitors must be used with (2) wallplates (primary and secondary). See NaviCare® WatchChild® User Manual (LAB00197) for more detailed information and instructions.

- When navigating from/to other screens from the Multi-surveillance screen, all (user-configured) beds will remain displayed and not slowly disappear, unless the user chooses to manually remove beds.

- With SCM, Single Sign On for multiple mapped visits will launch the surveillance screen for the correct visit.

- The font size increased for: Alert messages, Bed name labels and Bed name.

- When 'Multiple Gestation' is checked on screen 4 of 10 of Admission- System Assessment, the' Fetal Assess' screen is auto-populated with the value the first time. Once the record is saved, auto populating will cease to occur.

  ***Note: If the System Assessment screen (screen 4) edits the 'Multiple Gestation' field after a Fetal Assess record has been saved, the edited value will not update the Fetal Assess record(s). If a Fetal Assess record has never been saved prior to any edits, the Fetal Assess record will auto populate with the latest value.

- The 'Yes/No' field on Genetics screen is coupled with the 'FragileX' question.

- Urine Type' (Intake/Output Entry record) 'Edit Reference' option is enabled for System Admins to edit the reference list for the dropdown values.

- The 'Next' button on Flowsheet records populates 'Entered by' with the logged in username.

- A new parameter configuration, 'Disregard MHR from MECG', has been added to provide the capability to ignore maternal heart rate (MHR) vitals received from an MECG probe. The parameter is disabled by default. When enabled, received MHR vitals will not be: plotted on the Surveillance screen, validated against MHR alarm thresholds, stored within an annotation or stored as part of the maternal census data. Ignored maternal heart rates will continue to be stored within the NWC database. Maternal heart rate vitals received from any other probe types will continue to be plotted by the NWC client. See the

NaviCare® WatchChild® System Administrator Manual (LAB00196) for more detailed information and instructions.

- For printing a desired portion of the strip, a date/time range selection is available. 'Beginning Date/Time to print' and 'End Date/Time to print' fields are displayed after choosing the 'Start' button; buttons (Beginning & End) are available to quickly populate beginning and end time fields of the strip. See NaviCare® WatchChild® User Manual (LAB00197) for more detailed information and instructions.

- The Charting History report provides the 'Birth Order' for all baby related fields, including Newborn related screens and fields with NICU OFF for multiple gestations.

- Maternal 'Admission/Discharge report rounds the 'Length of stay' to the next hour when 30 or more minutes of an hour have elapsed.

- The 'Oligohydramnios' value printout matches the screen documentation.

- The Admission Record auto populates following fields from visit to visit for the same pregnancy: Address fields:• City• State• Zip code• Phone Number 1• Phone Number 2• Race/ethnicity• Religion• Language• Medical Record Number• Date of Birth• Name• Social Security Number• Marital Status • Hearing• Vision• Verbal• Comments• Partner Involved• Other Children• Child Age and associated sex• Patient cares for• Patient receives help from• Living situation• Living arrangements• Facility type/name living in• Other• Other text box• Medicaid/MI• Health Dept• Nursing/Home care• Social Services• Religious Organization• Maternal Assistance Program• Other.

- Depression and Suicide Risk Assessment' on Psychosocial Data 2 (screen 9 of 10) should not auto populate from visit to visit for the same pregnancy.

- The Admitting Record-Patient Care auto populates from visit to visit for the same pregnancy:• Smoking Status • Cigarettes/Day• Exposure to Second-hand Smoke• Smoking Cessation Info Offered• Information From• Prefer To Get Information By• Alcohol/Drug Use• Substances/Amount per Day/Last Used• Support Person Present• Anesthesia /Sedation• Personal Requests• Breast feed• Bottle feed• Bottle feed text• Adoption• Contact with Infant• Contact• Tubal Ligation and associated Authorization Signed• Organ donation and associated Authorization Signed• Circumcision and associated Authorization Signed• Advanced Directive • Advanced Directive Location.

- The 'Admission-Patient Search' screen has been reordered and updated. The 'Last Name' is the first textbox, then 'First Name' is the next textbox. If the return key is pressed on last name, first name, MRN or DOB textboxes, the search is performed. If the search is unsuccessful, the focus returns to the last textbox the return key was pressed on.

- The User View Report added a column for MRN to help uniquely identify patients on the report.

- Special characters: double quotes (") and apostrophes (') are allowed.

- The generation of custom report can be configured to delay 'x' number of hours after the specific generation trigger event to allow users time to complete charting. Contact NWC Technical Support to configure the delay.

- When a patient with modified alert settings (from the 'Alerts' button on single surveillance) is transferred to another monitored bed location, the alert settings will be maintained for the new monitored bed

location. If multiple visits exist on the census for the patient, each visit acquires the modified alert setting.

- The 'Date/Time' fields can be configured as desired. See the NaviCare® WatchChild® System Administrator Manual (LAB00196) for more detailed information and instruction.

Newborn:

- The following fields have been added to the Newborn Discharge Summary as read only: o all valid 'Hearing' records with Date/Time, Right ear result and Left ear result, o the last valid 'Car Seat Testing' result date/Time, Testing Outcome and Comments, and o 'Jaundice' fields- TcB result, TcB date/time, TsB result, and TsB date/time

- The Left-side Navigation bar consists of a variable amount of user-configurable navigation layouts. The layouts are associated with users by user type (Nurse, Provider, or Other), or directly configured as the default navigation layout. See the NaviCare® WatchChild® Newborn User Manual (LAB00691) for more detailed information and instructions.

- The print function has been added for the Newborn Daily Sheet.   The Daily Sheet will print as the display is configured: 'Minute View' or 'Hour View'.

- Each field's health level displays and is visible, based on the health level of the infant. Health Level is color coded based on the level: yellow-toned color for 'Intermediate' fields and a red-toned color for 'Advanced' fields. See the NaviCare® WatchChild® Newborn User Manual (LAB00691) for more detailed information and instructions.

- A new NAS tool has been added, FNA

- S, to reflect   'Increased Muscle Tone' score of 2.

- The modified Infant Pain Scale (MIPS) has been added to the application.

- The Newborn Discharge Summary- Weight Analysis/Feeding- 'Feeding Amount' field allows for alphanumeric values with a limit of 20 characters.

- The Newborn Discharge Summary screen displays and prints only the configured pain tool(s) with/without documentation. Pain tools configured to be hidden and without documentation are not displayed or printed. Pain tools will be displayed and printed, if the record:
    - o contains documentation (valid/invalid) and the record is configured to be hidden, or o contains NO documentation <u>and</u> the record is NOT configured to be hidden.

- A Lactation module has been added and the 'Feeding' record enhanced to support Lactation services and Lactation Consultant documentation. The module is:
    - o accessible from the newborn application and/or the maternal application- Recovery/Postpartum flowsheet,

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- o a flowsheet record, which allows for multiple assessments for the baby and/or mom, and o

  able to document for 'Alternate Feeders', which would be someone other than the birth

  mother

  See the NaviCare® WatchChild® Newborn User Manual (LAB00691) for more detailed information and instructions.

- The 'Newborn Profile' prints the fields: 'Breast feed', 'Bottle Feed', 'list formula', and 'Infant Care Provider'.

- The format for the 'Date/Time' fields can be configured as desired. See the NaviCare® WatchChild® Newborn User Manual (LAB00691) for more detailed information and instructions.

- Flowsheet records are signed and locked only when the user enters the correct password.

- The I/'O Totals' time intervals' ending time of one column is not the starting time of the next column. The column ranges have been updated to hh:00-hh:59, which prevents overlapping time ranges for the time intervals.

- The L&D Handoff opens after documenting and saving 'Add HR' on the 'Delivery' record. The application does not freeze.

- For Windows 64 bit, printing issues can be resolved after applying a KB. Contact WatchChild Tech Support for the KB to be applied to the system.

Issues Resolved in NWC 1.4.110

Maternal:

- Added a new field, Digital copy of instructions requested/provided, on the Antepartum Discharge Instructions and the Postpartum Discharge screens to allow users to document if an electronic copy of the discharge instructions has been requested by the patient or provided to the patient.

Newborn:

- Added a new field, Digital copy of instructions requested/provided, on the Newborn Discharge Education screen to allow users to document if an electronic copy of the discharge instructions has been requested by the patient or provided to the patient.

Issues Resolved in NWC 1.4.100

Maternal:

- Users with only 'View' rights cannot print records. 'Print' rights must be assigned to the user to allow printing.

- All question marks (?) for the checkboxes are removed when the 'Clear' button is used on the Obstetric Admitting Record-Patient Care screen, including: 'Tubal Ligation'/ 'Authorization Signed', 'Organ Donation'/ 'Authorization Signed', and 'Circumcision'/ 'Authorization Signed'.

- The 'Archive' screen allows access to 'Retrieved' patients, which displays each pregnancy episode with the associated visits separately for each pregnancy.

- The Obstetric Admitting Record 'Reason for Admission' and the Outpatient/Observation Record 'Reason for Visit' have separate, independent reference list.

- 'Interface' functionality is accessible from the Outpatient/Observation Record.

- The Obstetric Admitting Record -Initial Exam screen provides the 'No Known Allergies' choice without entering the 'Allergies and Sensitivities' screen. This documentation populates in the 'Allergies' textbox.

- The Home Meds screen label changed to Home Meds/Medication Reconciliation. The screen re-design includes:

  - purpose column, which allows for multi-select documentation o signatures -displayed as user name, user type, date/time,

  - ability to invalidate a row,

  - ability to 'Recall meds from previous visits' within a pregnancy episode,

  - ability to 'Import meds from this visit', which can populate medications and IV Add Meds to the medication grid. Blood Administrations will not display or populate to the medication grid if given during the visit,

  - an alphanumeric 'Start Date' field,

  - accessibility from the' Chart' screen, and

  - ability to edit the record from Admission-Patient Care, Chart screen, Rec/PP Profile, Outpatient/Observation- Discharge Instructions and Postpartum-DC/Ed.

- The Interface Lookup Screen provides an option to accept or ignore updates for the patient name, medical record number, and visit number. The screen generates a message box which displays the specific patient record updates that differ from the HL7 message to be applied; choose 'ok' to accept the updates or 'Cancel ' to reject the updates. 'Cancel' exits the screen without saving data.

- Signature fields display and print the user's full name and credentials, if formatted as such in User Maintenance.

- Users with 'Edit Recovery/Postpartum' and/or 'Edit Newborn' privileges can access DC/Ed from the Recovery/Postpartum flowsheet or Newborn flowsheet (when NICU=False). The record can be viewed, edited and printed from either Recovery/Postpartum or Newborn flowsheet.

- Census columns automatically update when chart values are updated, edited and/or deleted.

- The 'Reference Range' for 'Blood Glucose' on the Meds/IV screen is configurable by users with appropriate system admin rights.

- 'Medications/IV 'screen updates include:

  o IV 'Add med' entries can be sent to the 'Del Med Summary',

  o 'Site assess' dropdown is multi-select, o 'Lot Expiration' and 'LIB' fields clear as new

  records are created using 'Next',

  o 'Annotate Meds to the Delivery Summary' label changed to 'Send Meds to Delivery

  Summary' and o 'Send IVs to Delivery Summary' option added

- Font size has increased from 10 to 12 for all multi-line textboxes, Notes and Annotations.
          Records are displayed as configured for the 'Flowsheet Display' Parameter
Configuration by default or as the user selects. Flowsheet display options are 'Prenatal',
'Outpatient/Triage', 'Ante/Intrapartum', and 'Recovery/Postpartum'. The 'Flowsheet Display' field
is a mandatory field for all flowsheet records. By default, all documentation for
Outpatient/Triage and
Ante/Intrapartum will be shared. The flowsheet display option will not display a flowsheet option
if the record does not exist within that flowsheet. By default, flowsheet records within a specific
flowsheet automatically display to that flowsheet unless the user manually changes the
flowsheet display choice. Records accessed from a non-flowsheet path (i.e. 'Fetal Assess' and
'Exam' from the Census) will default to 'Outpatient /Triage and Ante/Intrapartum', unless
configured differently by the user. 'Print' function from the 'Chart' screen will print all flowsheets
containing documentation for the specific flowsheet(s) chosen.

- When an active user enters an incorrect password in the maternal application, the system will clear the incorrect password entry to allow the user to enter the correct password.

- When discharging a patient while another user is charting on the same patient, transfer or discharge does not forcibly close the patient record if the System Parameter, 'Open Charting Defers Discharge', is 'On'. The discharge initiator receives a message bar on the 'Discharge Patient' screen, 'Another user is currently charting on this patient'; the discharge process can be completed on that workstation, and the patient will be transferred to an Outbed. A second message appears, 'The following user (user name) has open charting for (patient name); (user name) on workstation (name). This patient will not be discharged, but will be moved to an Outbed and discharged when all charting is closed. Do you want to continue? Yes or No'. The charting user remains in the documentation screen and a message appears: 'Another user is attempting to discharge this visit. Please save and close your charting. OK.' If the parameter is 'Off', discharging a patient while another user is charting on the same patient, the transfer or

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discharge will close the patient record. The documentation on the other workstation when the discharge occurred will not be saved.

- When transferring a patient, bed labels remain accurate for the patient after a transfer occurs. Patient transfers, which involve patient merges, close charting, resulting in possible data loss. If the System Parameter configuration, 'Open Charting Defers Discharge', is 'On', the discharge initiator receives a message bar on the 'Discharge Patient' screen, 'Another user is currently charting on this patient'; the discharge process can be completed on that workstation, and the patient will be transferred to an Outbed. A second message appears, 'The following user (user name) has open charting for (patient name); (user name) on workstation (name). This patient will not be discharged, but will be moved to an Outbed and discharged when all charting is closed. Do you want to continue? Yes or No'. The charting user remains in the documentation screen and a message appears: 'Another user is attempting to discharge this visit. Please save and close your charting. OK.' The patient appears in an Outbed on all other workstations. When the documentation is completed the patient is automatically discharged from the census. Once the discharge has been initiated with an open documentation chart, the discharge is pending waiting for the documentation to be closed; at that point, the discharge cannot be cancelled.

- Delivery and APGAR screens are accessible from the maternal application, L&D Summary, Infant Data pg. 1. The documentation autopopulates to the Newborn module from the maternal screen and/or to the maternal screens from the Newborn module.

- When any facility/workstation is renamed, the before & after configuration parameters are saved correctly. When navigating through parameter configurations, best practice is to choose 'Save' after each configuration change. If the message: 'Configuration Information has changed, press OK to update' appears, but NO configurations have been changed, choose 'Cancel'.

- Documentation will merge from source bed to destination bed without losing data. Any new fields created with an upgrade, display appropriately for the screens for patients that exist in the midst of the upgrade. The new fields will be blank and allow for documentation to be entered. For archived patients from prior versions before the upgrade and the introduction of new fields,

  the new fields will allow for documentation, if the record is within the allowed timeframe for the record to be edited. Users have the ability to edit newly created fields once the patient has been merged with another patient where the new fields exist. Grid data will create additional data when merged with another grid for the patient, i.e. Home Meds. When merging any field(s) containing different data, the values of the destination bed will be displayed; all other documentation will be included in the charting history.

- 'Lot Expiration Date/Time' and 'LIB' fields on the Meds/IV screen will print with the Rec/PP and Outpatient/Triage flowsheets.

- Date of Birth (DOB) updates correctly throughout the application if changed manually or by the interface.

- A new checkbox 'Prior Patient Name' on the Admit Lookup screen allows a search to locate a patient admitted previously using another name. If the checkbox is checked, the system searches for all legal name changes. Once the patient is admitted, the patient record displays the most current legal name.

- Auto ADT: Automatic Admission, Automatic Transfer and Automatic Discharges functionalities exist. The automation for processing- admission, discharge, or transfer occurs when the demographics, MRN and the Visit Number match the HL7 message for the patient.

- By default, 15 Training beds are configured and named: XXX05-XXX19 to help differentiate between the Training and Production (Live) environment.

- FHR maximum high limit alert increased to 240bpm.

- 'EDD by Ultrasound' and 'Gest by Ultrasound' fields have been added to the Labor & Delivery Summary page 1. The fields autopopulate documentation from the Obstetric Admitting Record or can be edited on the Summary pg. 1.

- When printing maternal flowsheet records, Month & Day appears with each entry.

- The documentation for 'Incision' on the Infant Data page 1 autopopulates to the Rec/PP Profile.

- 'Transfer' on the Census is enabled for all active users. 'Edit Observation/Ante/Intrapartum' is not required for access to the transfer button.

- Admission and Discharge report accurately calculates 'Length of Stay'.

- Allergies print with all the records autopopulated from Admission. For merged patients, the detailed report will only display the patient as a single entry.

- Autopopulated fields throughout the maternal application display as disabled and darkened fields. These fields are read only and cannot be documented and/or edited.

- The context menu ('Enable/Disable', 'Mandatory/Optional' and 'Edit Reference') is not accessible for read-only fields.

- Flowsheet records display date/time to the second precision (hh:mm:ss) when the system parameter 'Seconds on Flowsheets' is selected for the specific record. If the seconds are not configured to display, the seconds are stored in the database, but not displayed on the flowsheet record. Flowsheet records are displayed and printed in chronological order to the second precision (the seconds will not display on the flowsheet display or the printouts). When seconds are enabled, users have the ability to manually enter seconds. For any late charting, the date/time will be hh:mm:00, unless edited otherwise.

- Time Out screen updates include:
  - increased window size for the 'User' list
  - 'Flowsheet Display' field added.

- o 'Filter' function allows the ability to search for Users by entering a few characters of the name (first or last), all matches meeting the typed criteria for the specific 'Specialty/Type' will appear. Once the names appear in the User list, the choice is multi-select.

- o 'Recall Participants' option allows the ability to quickly recall all the participants for the same patient from the previous Time-Out. When the participants have been selected, 'Select All' allows the ability to quickly delete all selected participants.   This list can be single-select with a single mouse click, multi-select when dragging the mouse, or using the 'Ctrl' key to multi-select participants not in sequential order. The verification process only provides the 'Select' option to answer all the verify entries.

- The Visit Number can be viewed if the value exceeds 12 characters.

- 'Within Normal Limits' button added to the Functional Assessment. Using the button will populate the text for the fields: 'Hearing', 'Vision', 'Verbal', and 'Developmental Status'; all other fields will be blank to allow documentation selected from the dropdown options and/or free text.

- Annotation phrase lists are categorized. The category titles can be edited by a system administrator.

- From Single Surveillance, Annotations can be accessed by right clicking the mouse.

- Printing strip for a patient with no strip and Annotations, displays a message "Patient has no strip data", instead of printing empty pages.

- With Epic, a message, 'The requested patient was not found on the census' will occur when a patient is requested that is not on the NWC census. NWC startup screen (Census, Surveillance, or Maternal Census) will open.

- The Obstetric Admitting Record reference lists for 'Race/Ethnicity' and 'Religion' can be edited by a user with system admin privileges.

- The Obstetric Outpatient Record -Antepartum Testing record prints the documentation for the 'Indications' fields.

- Acknowledged alerts are removed from the fetal strip.

- The 'MVU' field on the Uterine/Fetal Assessment record changed to a numeric only text box.

- The context menu ('Enable/Disable', 'Mandatory/Optional' and 'Edit Reference') for the field, 'Plan for management' on the 'Pain' record can be edited by a system admin when right-clicking in the field. The 'Flowsheet Display' can only have a single entry for the display to access the context menu. If the 'Flowsheet Display' is set for multiple flowsheets, the dropdown entries for 'Plan for Management' will combine the lists according to the flowsheet display choice(s).

- Flowsheet access is dependent on the roles assigned to a user. 'View' rights are needed for any user granted 'edit' and/or 'print' rights. For records that do not follow a flowsheet path, ('Fetal Assess' or 'Exam' from 'Census', single surveillance, or 'Chart' screens), the user must be granted rights to the Observation/Ante-Intrapartum records to access these records.

- The strip trends correctly when there are gaps in the strip.

- NWC supports STAN monitor annotations on the surveillance, Flowsheet and Maternal Trend.
- Existing annotations may be edited from the strip.

Newborn

- When NICU=True, all charting reports for the newborn are within the Newborn module. The Maternal application does not contain any Newborn chart reports. A 'Print' option exists within the newborn's 'Chart' screen, listing all the available reports with Print & PDF export options.
- %Weight gain/loss field is available on the Newborn Physical Exam.
- When fields are disabled and the 'Within Normal Limits' option is available, the text will not populate into the disabled fields.
- If a print job fails, a message is displayed on the Newborn System.
- The 'Notes' Phrase lists are separate for Nurse, Consult & Provider. If the lists have been edited (prior to the upgrade), the list will be migrated to the Nurse list as part of the upgrade.
- Delivery 'Add HR' grid fields are configurable for single select or multi-select fields. By default, Skin Color and Behavior State are multi-select.

Issues Resolved in NWC 1.4.010

Maternal

- Updates to non-Annotation flowsheet records can now be sent to an Integrated EMR system. ☐ Inbound annotations to NWC from an integrated EMR system can now be automatically 'locked' down i.e. made read-only.

- When a portion of a strip that has Annotations documented, is deleted, the annotations are now invalidated instead of getting deleted from the system.

Issues Resolved in NWC 1.4.000

Maternal

- Maternal Heart Rate on the Single Patient Surveillance screen displays a numeric value for the heart rate reading.

- The Smoking fields have been reordered on the Admitting Record- Patient Care screen for enhanced workflow.

Migrated data from WatchChild I® is correctly displayed and printed in NaviCare® WatchChild®

- Migrated records can be searched in Archive by Medical Record Number (MRN).

- Retrieved migrated WatchChild I® patients can be discharged from the NaviCare® WatchChild® System without a visit number.

- An archive search can be done for patients migrated over from WatchChild I® whether visits exist or not for past pregnancies.

- There are no longer limits or time constraints on accessing Retrieved active patients and/or migrated patients. Once the Retrieved patient has been retrieved and discharged, users will not have to wait for the cleanup routine to run at the configured time to access the patient again during the same day. The record can be retrieved again by another user or the same user again on the same day.

- A configuration flag, FilterTOCOAnnotations, (off by default) is available for the archiving service which would exclude the annotation phrase(s) TOCO IN or TOCO OUT from archiving. The configurable flag, when "on", prevents the archiving of TOCO system annotations. The configuration can only be enabled by WatchChild® Tech Support. The 'Out of Memory' message pop-up should not appear when archiving or retrieving data.

- If the Retrieve process exceeds the Security Idle Time, the chart will open as 'read only'.

- A Care Plan link has been added to the Fall & Skin Assessments on the Maternal chart.

- Membrane status auto-populates to the U/F assessment and the L&D Summary pg 2 from Admission pg 2, Initial Exam.

- When Retrieved, archived records will no longer continue to calculate the gestational age.

- Flipping the flowsheet display from horizontal to vertical will maintain the color scheme for the flowsheet(s) being displayed.

- Prenatal Record Screen-1- the 'OK' button functions on subsequent views regardless if new data has been added.

  Plan for Management documentation displays on the Pain flowsheet for Ante/Intra and PP Flowsheets.

- Gestational Age ceases to continue calculating after delivery on the Labor and Delivery Summary.

- Password configuration allows special characters.

- Read-only auto populated fields are darkened to reflect that the data comes from another location in the application.

- L&D Summary Screen F6 Charting history for Gravida/Para fields update to the logged in user when 'OK' is clicked. When clicking 'OK' on the Summary screen, the logged in user is

accepting the documented information as correct; therefore, the system credits the information to the user logged in when 'OK' is clicked, even though the original documentation was done on the Admission pg 1 by another user.

- A colon is not needed when entering the time on the Discharge screen.

- When in the Parameter Configuration screen, the pop-up message box "Configuration information has changed, Press OK to update" will not appear when changes have not been made for any configuration(s) or if the facility/workstation name(s) are changed. If any change is done, the system will generate the same pop-up message if the user clicks 'Exit' before saving the changes. Clicking 'Ok' will save the changes made and will not reset any configuration to the original default setting.

- The Admission Name Lookup screen can perform a patient lookup by first name, last name alphanumeric MRN, and/or date of birth.

- When searching for a patient name for admission by name and/or DOB only and the patient name is not found, the 'Update Patient Information' screen will perform another search if the MRN is entered. If the MRN exists for another patient, the system will notify the user if the patient already exists. After verifying the correct patient, the user will have to choose if the visit is for the same pregnancy or a new pregnancy. If the MRN is not entered until after the admission is completed, the user will be notified the MRN already exists. The patient will have to be discharged and Patient Pregnancy Visit Administration must be used to move the visit to the correct patient. Patient Pregnancy Visit Administration is a role assigned to a user id; all users may not have this capability and a system administrator must be contacted.

- The patient identifiers: Patient name, MRNumber, and DOB are displayed as a header on all screen pages of the maternal chart.

- Strip Analysis (additional optional module) enhancements have been added, to include, but not limited to, color coding for Category classifications, Display Period configuration ☐   A new Fetal Assessment Schedule screen is added:

- Accessed from Single surveillance, Multi-patient surveillance, the Chart screen from the floating window, which must be resized to display the button, Outpatient/Observation flowsheet, or the Ante/Intrapartum flowsheet

  Displays a schedule for each baby when multiple gestations have been indicated from the documentation on the Uterine Fetal Assessment.

- Will display rows within the defined period with or without documentation. User can configure to display with or without documentation.

- Displays in descending order with the following information:

    o assessment count

    o documentation for: contraction frequency, FHR, and Category for each baby (if multiples exist)

- Right clicking any row for a specific time period can create a uterine fetal assessment, perform a strip analysis (when enabled), or view the date/time and user (if documentation exists).

- Floating surveillance window will display patient initials or full name, the Strip Analysis button (if enabled), and the Schedule button. The display is configured based on the sizing of the floating window.

- Maternal vitals are accepted and displayed in the Maternal Trend when received from the second wall plate id.

- Birth Weight report for the maternal chart will allow the option to include the display of Birth weights for manually admitted babies, if the Newborn module is turned on. If the NB module is off, all birth weights are displayed in the report.

- Invalid MHR value (160) will no longer appear in the Maternal Trend screen.

- Maternal Trend prints the current display on the screen. The trend data options for NIBP and Sat are now checkbox options and are relocated to the top of the grid display. The checkbox options are independent.

- When adding a new workstation group or workstation, the Start Screen parameter auto populates the Integration Start Screen with the inherited value entered above

Newborn

- Charting History report will print when the 'End date' is entered.
- Birth Weight Report will allow the option to include the display of Birth weights for manually admitted babies.
- Screens that are shared between records, but may not contain all of the fields on both records, such as Delivery-Medication section and the Medication record, can be saved if a field is mandatory on one record, but does not exist on the other record (such as Medication Expiration date, which only exists on the Medication record, but not on the Delivery-Medication section).
- Mandatory fields are allowed for grids within a record. The fields of the grid are displayed in orange after the 'Add row' button is clicked. For example, in the Delivery record, if any field on the grid is mandatory, the user will see the orange indicator once the 'Add HR' button is clicked.

  Records with conditional fields that are mandatory can be saved when the condition is met and the other fields, which may also be mandatory, are no longer displayed. For example, NB Assessment- Abdomen/Genitourinary, when gender is selected, only the chosen gender fields remain, the other gender fields disappear. If any of the fields that disappeared are mandatory, the record can still be saved.

- NB Admission Record- Maternal Data- EDD field accepts future dates.
- A link to the Incomplete Documentation Report has been added to the NB Discharge screen from the census.

Known Issues

The known issues listed here have been evaluated and deemed to have no major impact on the system operation, functionality or product safety when the product is used according to the NaviCare WatchChild Solution System Administrator Manual (LAB00196) and the NaviCare WatchChild Solution User Manual (LAB00197).

Intended use for the Integration Start Screen

Using dual monitors is the intended set-up when configuring the Integration Start Screen to be Single Surveillance. When using a single monitor set-up, the recommended configuration for the Integration Start Screen is the Independent Surveillance (the top 1/3 surveillance view).

Server restart required after adding or modifying wall plate data

Adding or modifying a bed involves adding or modifying the wall plate ID for the wall plate(s) associated with a specific bed. Adding a wall plate or modifying wall plate identification or configuration data requires a restart the NaviCare WatchChild Solution server at the conclusion of any additions or changes. The restart is necessary to ensure that all additions and changes are applied to the correct physical bed.

Alerts label 2nd fetus as 3rd when two monitors used for twins

In the case of twin fetuses, a single fetal monitor attached to the primary wall plate can normally monitor both fetuses, with the first fetus' tracing color being yellow and the second fetus' tracing being green. In the case of triplets, a second monitor, attached to the secondary wall plate, must also be used. The third fetus' tracing color will be orange. If a fetal alert is triggered for any of the fetuses, the labeling and color of the tracing on the alert pop-up will be correct. However, your location may at times choose to monitor twins by using two monitors, one attached to the primary wall plate and the other attached to the secondary wall plate. When the second monitor is used to monitor the second fetus, the tracing color on an alert pop-up will be orange and the alert message label will indicate that it is for a third fetus even though only two fetal tracings are displayed.

Numeric keypad quirk on Prenatal Record - Screen 1 Page 2

On the Prenatal Record – Screen 1 Page 2 screen, the numeric keypad takes three Cancel clicks to close the keypad if the keypad was opened for two specific fields. The first click closes the keypad and opens another instance. Click Cancel on that one and it closes, then opens another instance. Click Cancel on that 3rd keypad and the keypad finally closes. This happens only if the numeric keypad is opened for the Frequency or the Age of Onset fields. This problem will be fixed in a future release or service pack.

Monitor can take two minutes after power on to display data

When a fetal monitor is plugged into a wallplate that uses a different NaviCare WatchChild supported protocol than the monitor used previously in the room, it can take as long as two minutes for that monitor to be recognized by the Data Acquisition System (DAS).

Example: A patient is monitored with a Philips FM20 electronic fetal monitor. Later, the patient is transferred to a different room and a new patient is admitted. The new patient is monitored using a Corometric 118. In this case, the protocol has changed and it may take two minutes for the monitor to be recognized by the NaviCare WatchChild Solution and begin displaying data in the system.

NaviCare WatchChild Supported Protocols

Monitor	Part Number	Comment
Corometric 120 Software 1.3	11301AA-000, 11301B-00 Addendum 120SER-003 April 24, 1998	Used for older Corometric monitors such as the Corometric 115
Philips Digital Interface Protocol Specifications Programming Guide	M1350-9074S March 2002	Used for HP, Agilent, and Philips monitors. HP 1350 series, 50 XM, Philips FM series, and Corometric 120, 170, and 250 series monitors
DIAP Communication Protocol Service Manual	0070-00-0307	Used by Datascope Passport, Accutor, and Spectrum Monitors

Check box X shows as True; blank and ? show as Unknown on Census screen

The meaning of check boxes throughout the NaviCare WatchChild Solution is indicated by what symbol is in them. An X indicates **Yes**, blank indicates **No** and **?** (question mark) indicates the answer is unknown. However, when a field on the Census screen corresponds to a check box, the Census screen displays **True** for a check box with an X and **Unknown** for both blank and **?** check boxes.

PDF not supported as output for Print All

Before selecting the **Print All** button on the Obstetric Admitting Record and the Outpatient /

Observation Record screens, ensure that your defined default printer is not PDF. The NaviCare WatchChild Solution does not support sending **Print All** output to a PDF printer.

Screen title is missing and incorrect instruction on Configuration screen

The screen title is missing from the title bar of the Configuration screen. In addition, the second sentence of screen instruction on the screen, "Please click tree branch to get '+' sign" is no longer valid. The plus signs appear automatically whenever a node (branch) contains sub-nodes.

System Error 1067 if Archiving Service hangs during server shutdown

Occasionally, the service Archiving Service hangs during a NaviCare WatchChild Solution Server shutdown, which causes System Error message 1067 to be generated. If this occurs, open Windows Task Manager, then

locate and select ArchivingService.exe and click the End Process button to stop the service. To restart Archiving Service, contact Hill-Rom Technical Support (see "Technical Support" on page 8 for contact details).

Need Edit authority to close Prenatal Flowsheet with Exit button

Users with authority to view the Prenatal record, but without the authority to edit Prenatal records, can view the Prenatal Flowsheet and all of its records but cannot close the Prenatal Flowsheet screen with the Exit button. With View-only authority, selecting Exit on the Prenatal Flowsheet generates a "You are not authorized to edit this screen" message and the screen does not close. View-only users must press the keyboard F4 key or select PF4 Cncl on the screen to close the Prenatal Flowsheet. Help can take two minutes or more to open a Help file

Selecting a document to open in the NaviCare WatchChild Solution **Help** facility can make it appear that the screen is frozen. In actuality, **Help** is operating and users must wait for the selected file to open. This can take two minutes or more before the selected help file opens.

Configuration parameters requiring client and/or server restart

A number of the NaviCare WatchChild Solution configuration parameters require restarting of the client and/or server before changes take effect. The parameters and the component(s) that must be restarted after changes are shown below:

Parameter	Change in Node	Restart	
		Client	Server
AlertBedList	Workstation Group: Workstation	✓	✓
AlertDisplayOnCensus	Workstation Group: Workstation	✓	
MovedeleteStripAutoAnnotateOn	Bed Group; Bed	✓	
MultiPatientAccessSecurityPeriod	Workstation Group: Workstation	✓	
MultiPatientAccessSecurityPeriodOn	Workstation Group: Workstation	✓	
MultiPatientSecurityPeriod	Workstation Group: Workstation	✓	
PatientIdentifierDisplay	Workstation Group: Workstation	✓	
SecurityIdleTime, User timeout (SecurityIdleTime), User timeout to start screen	Workstation Group: Workstation	✓	
StartScreen	Workstation Group: Workstation	✓	
SurvShowActiveBedsOnly	Workstation Group: Workstation	✓	

Enable/Disable from the Edit Control Menu requires all client to be restarted

The Enable and Disable options under the Edit Control Menu requires restarting all clients before changes take effect.

Options	Restart	
	Client	**Server**
Enable	✓	
Disable	✓	

MECG probe not recognized if plugged into Corometrics 118 before power on

When a MECG probe is plugged into a Corometrics 118 monitor before the monitor is powered on, the probe is not recognized by the NaviCare WatchChild Solution and no data is received or displayed when the monitor is turned on. This occurs only for the Corometrics 118 set to run the Coro115 protocol. This is not an issue for any other monitor/ protocol combination. The workaround is to either (a) not plug in the MECG probe until after the Corometrics 118 monitor is turned on, or (b) if monitor power is already on, unplug or then re-plug the MECG probe.

No Data Alerts Trigger 1 second after FHRNoDataPercent Interval

The No Data alert triggers 1 second after the No Data gap (seconds) is equal to FHRNoDataPercent (seconds). i.e. If FHRNoDataPercent = 50% (i.e. 30 seconds) and the No Data gap in the wave is exactly 30 seconds, the alarm will trigger on the 31st second. In this example, the no data gap has to be greater than 30 seconds (or +1 greater than the percentage in seconds) to get a No Data trigger consistently.

Multiple Rows of Invalid Text

If there are multiple rows of text for an invalid record, the additional rows (other than the first row) will not be crossed through.

Delivery Summary Report

Presentation column information is not displayed in the report.

 Only options listed in the dropdowns for the fields feeding into this report will be displayed and tallied; however, if 'Other' is documented for fields feeding this report, those free text options will not be tallied. In order to tally free text options, that option must be added to the dropdown (from the Edit Reference configuration) for the user to choose.

Score Fields

Braden scale, Aldrete score, LATCH, Newborn pain, and Apgar score fields will continue to tab forward when using the backspace key.

Password Duration Changes

When configuring password expirations, if the system is set for 60 or 90 days initially and then the expiration is changed back to 30 days, the server must be rebooted for the 30 day password expiration to take effect.

 Hill-Rom Technical Support can assist with the server reboot.

Multiple NIBP readings within 4 Minutes

If multiple NIBPs are taken within a 4 minute period of a **new user logging on to the application**, the single surveillance screen will display the first NIBP reading generated within that 4 minute period (as opposed to the last reading taken).   For currently logged on users, the single surveillance screen will display the most recent NIBP taken if multiple NIBP readings are taken within a 4 minute period.

Outpatient/Observation Record Printout

The "Oriented to Unit" field in the Outpatient/Observation Record does not populate on the printout.

Discharge Date search on the Patient Pregnancy Visit Administration

The system will not allow a user to search by the discharge date on the Patient Pregnancy Visit Administration screen.

Migrated patient data from WatchChild® I systems are not available in Admission

Migrated patient data from WatchChild I Systems are not listed in the Admission search results. These patients can be retrieved and viewed, however the application does not allow them to be used to create new pregnancies.

Incorrect Signature and Credential print format

When entering users into the system with a comma after their last name as well as a period after their middle initial, the print layout of their signature and credentials appears in an unusual order. To correct this, remove all the periods after the middle initials in the user list then the user names will appear in the correct format.

Printing large surveillance strips, greater than 8 hours, will not complete

When printing large sections of surveillance strip data, only print in 8 hour time periods. The application will not complete the print job if the surveillance data is larger than 8 hours.

Drop down doesn't allow users to enter values when 'Other' value is selected

The **Occurrence** field on the Discharge screen will not allow users to enter free text values when the 'Other' option is used. The application will allow free text to be entered the first time the 'Other' option is used. However, any subsequent use will only fill the drop down with the value of 'Other'.

Printing reports to a PDF print driver causes application error

The client application will shut down, when the user specifically selects a PDF printer to print any report from the System – Reports section of the application. Users should select the export option in order to generate a report in a PDF format.

Plan for Management field on Intrapartum flowsheet not appearing

The **Plan for Management** field on inter-partum flowsheets will not appear if the user selects **Next** after creating the flowsheet record. This typically occurs when a nurse charts on multiple pain flowsheet records one after the other. The workaround is to edit the record and close the record by hitting the OK button.

Edit privilege for Intra partum Flowsheets must be granted to edit Postpartum

Users that wish to edit DC/ED Postpartum flowsheet records must be granted edit privilege to intra partum flowsheets.

Patient visit administration does not accept apostrophes

When entering patient names or searching for a patient, do not use apostrophes, as the application will not recognize this character and will not return search results with apostrophes in the name.

Under the Flowsheet display configuration

The Prenatal option should not display for configuration.

Newborn - Flowsheet screen does not display record inside of other records

A record inside of another record will not be displayed on the Flowsheet screen as a display column. This affects the Medication entries in the Advanced Resuscitation record and the Apnea Bradycardia entries on the Car Seat Testing record. To view records within another record on the Flowsheet, users will have to select both record types. Printing will combine both records.

StartScreen configuration parameter does not start up the application per the configuration

The surveillance screen is always the start screen irrespective of the StartScreen configuration parameter.

Mandatory fields

When a user navigates away from a screen with mandatory fields left blank, then any data entered in the screen will be lost. The user will still be unable to save the record without filling in the mandatory fields.

NWC Screens cut-off on the Left side on certain screen resolutions

On certain screen resolutions, the left side of the NWC screens seems to be cut-off. This can be corrected by adjusting the Image position settings on the monitor or change the screen resolution to a different resolution.

Patient Pregnancy Visit Administration screen search

When searching for a name on the Patient Pregnancy Visit Administration screen, up to 100 results are displayed.

Membrane Status

Membrane status will not autopopulate to the L&D Summary pg 2 from the U/F assessment, if the user entered the membrane status on the Admission pg 2, Initial Exam, then navigates to the Summary pg 2 and clicks 'ok'. If the user clicks 'cancel' on the Summary pg 2, the membrane status will populate to the L&D Summary pg 2 from the U/F assessment.

Census Field EDD

To auto calculate the EDD on the census daily, the user must document the EDD on the Admission pg 1. Once the admission is saved and closed, navigate to the Summary page, the EDD field will be autopopulated to the Summary from the Admission pg 1, then click 'ok'. The EDD information populates to the census board and updates daily.

Newborn – Grids with mandatory fields

Grids that have mandatory fields are not displayed in orange until the 'Add row' button is clicked. For example, in the Delivery record, if any field on the 'Add HR' grid is mandatory, the user will not see the orange indicator until 'Add HR' is clicked. Once the 'Add HR' button is clicked, the mandatory fields are displayed in orange. If the button is not clicked, the 'Add HR' button is not orange.

Newborn – Incomplete Documentation Report

This report will display fields without documentation for those screens that are shared between records, but may not contain all of the fields on both records, such as Delivery-Medication section and the Medication record. To remove the fields from the report, the user must go to the record where the field(s) exist (i.e. the Medication record) and document (which would be: Medication Expiration date, Verified by, Date/Time, and Lot).

PACU fields not displaying documentation for autopopulated multi select dropdown entries

The fields: 'Surgeon' and 'Anesthesia' are multi-select dropdown fields within the Intraoperative Record-screen 2; this information autopopulates to the PACU record. If more than one entry is documented for the fields, the PACU record only displays the first entry for each field. On the PACU record, these fields cannot be edited.

MRN search requires leading zeros

If searching for a patient on the Admission Name Lookup screen by Medical Record Number (MRN), the leading zeros must be used in the search. If the leading zeros are not used with the search, the patient name will not be found.

Allergy documentation not printing in the OR Record

Allergy documentation can be done from the Admission-Initial Exam or the Outpatient/Observation Admission record; autopopulates to the OR Record. If the information is only documented in the Outpatient/Observation Admission record, the information will populate to the OR Record; however, if the OR Record is printed, the allergy documentation does not print (the information can be seen on the electronic OR screen). To get the allergy information to print with the OR Record, the user must go to the Admission-Initial Exam and click 'Ok'. The OR Record pulls the allergy information for printing from the Admission-Initial Exam.

Postpartum Profile not displaying documentation

The Gestational Age autopopulates from the Admission pg 1 to the PP Profile. If the PP Profile screen is opened and 'ok' is clicked before the gestational age has been documented and saved on the Admission pg1, the documentation is not displayed on the PP Profile.

If the Newborn module is turned on, the 'Uterine Incision' documentation does not display on the PP Profile. This information can be viewed on the Summary- Infant Data pg 1. If the Newborn module is turned off, the 'Uterine Incision' documentation does autopopulate to the PP Profile.

Auto-Transferring an alerting patient

The designed functionality of Auto ADT is not intended to impede a patient admission due to a tracing without an associated patient name on the census board; the tracing may or may not have an active alert. Once a message is received from the Electronic Medical Record (EMR), NaviCare will admit the patient to the bed. A patient can be transferred or admitted to an empty bed with an active alert; manual transfers will not allow a patient to be transferred to a bed with active alerts.

Transferring patients

When transferring from a room without a patient name, with strip, to a room with a patient name, with strip, the patient moves to the source room instead of the destination room. Rooms with active alarms can accept manual admissions.

Celsius temperature probe values

When using Corometrics 250cx series temperature probes to display values with centigrade units, monitors may display a value which differs slightly from the value displayed in NaviCare. This is due to the monitor using a higher-precision value reading than that which is sent to NaviCare, and should be confined to tenthsof-a-degree. Fahrenheit temperatures are unaffected.

Reference list updates require screen close/reopen

For the 'Problems' record, the reference list for the field 'Problem' exists in two different locations on the screen. When a user with the appropriate rights adjusts the reference list for one of the 'Problems' fields, the other 'Problems' field reference list will not display the adjustment(s) until the record is closed and reopened.

Vitals values on Maternal trending

When multiple vital sign readings (e.g., NIBP, temperature) exist in a given minute, only the most recent for that specific minute will be shown on the 'Maternal' trending screen. Surveillance views will display all values.

Reverse discharging can cause client sync issues

When reverse discharging patients with the Maternal application, clients may report that their census does not have the most up-to-date admission data and require a refresh to acquire the latest admission data.

Documentation of "Time" values requires use of the colon symbol to commit change

When documenting a time within the Newborn application, users must enter times using the colon symbol to ensure that values are updated within the record.

Leave a documentation screen when mandatory fields have not been filled in does not save data

When documenting information in the Maternal application, if a user has entered information on a given record but did not complete mandatory fields, they are allowed to leave the record but their entered information will not be saved.

Altering date/time delimiters and/or display on a workstation may cause parsing errors in application

If a workstation's system-level date/time delimiter is changed from a forward-slash (viz., '/') to another character (e.g., '.') the Newborn application may misbehave when displaying or entering dates and date/times. Similarly, changes from, e.g., "d-M-yy" to "dd/MM/yyyy" will cause the date-time picker icon to be partially hidden.

Configured start up screen not displayed when user times out during a client-server connectivity disruption

User sessions which time out during periods of client-server disconnection will continue to display charting screens behind the "Lost connectivity" pop-up message. Configured start up screen will be displayed and user sessions timed out upon restoration of client-server connectivity.

Refresh button on Maternal Trend screen

When selecting the Refresh button on the Maternal Trend screen, the screen does not refresh the new values consistently. It works the first time the button is selected; subsequent refreshes do not refresh the screen with the latest values. To get the latest values, the Trend screen needs to be closed and re-opened.

Maternal Note Screen doesn't receive notification when a visit is moved from one pregnancy to another

When a patient is moved using patient visit administration while another user is in the patient's notes screen in a different visit of the same pregnancy, the note screen will not get notification that the patient was moved off of the pregnancy (and there by removing that visit's notes from the pregnancy). The user will have to either press Refresh or exit and reenter to see that the notes are no longer there.

Strip print may not print all annotations

Strip print may not print the last few annotations depending on the length of strip selected. If the selected area of the strip contains annotations close to the end of the selected strip, all annotations close to the end of the strip may not print. The work around is to select additional minutes of the strip to print.

Technical Support:

Hill-Rom IT Solutions Technical Support is available 24/7, 365 days a year. If you need help regarding your NaviCare WatchChild Solution, call: 1-800-445-3720, option 3, option 2.