



*BirthNet[®] Obstetric Record
Network*

91860

Client Operations Manual

070-1025-00 Rev. A

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CORPORATE OFFICES

Spacelabs Medical, Inc.
15220 N.E. 40th Street
P.O. Box 97013
Redmond, WA 98073-9713
U.S.A.

Telephone: 425-882-3700
Fax: 425-885-4877
Telex: 4740085 SPL UI

Spacelabs Medical Products Pty. Ltd.
Macquarie View Estates
Unit 1, 112-118 Talavera Road
North Ryde, N.S.W. 2113

AUSTRALIA

Telephone: 61-2-9878-6644
Fax: 61-2-9878-4820

Spacelabs Medical Products GmbH
Jochen Rindt Straße 25
1230 Vienna

AUSTRIA

Telephone: 43-1-616 52 37
Fax: 43-1-616 52 37-11

Spacelabs Medical B.V.
Airport Boulevard Office Park
Bessenveldstraat 25A
1831 Diegem

BELGIUM

Telephone: 32 2 7164026
Fax: 32 2 7164114

Spacelabs Medical Products, Ltd.
151 Superior Boulevard, Unit 1
Mississauga, Ontario L5T 2L1

CANADA

Telephone: 905-670-5880
Fax: 905-670-5883

Spacelabs Produits Medicaux Ltée
6030 rue Vanden Abeele
St. Laurent, Quebec H4S 1R9

CANADA

Telephone: 514-335-2669
Fax: 514-335-1042

Spacelabs Medical Instruments
(Tianjin) Co. Ltd.
6th Floor, Wang Jing Building
9 Wang Jing Zhong Huan South Road
Chaoyang District, Beijing 100015

CHINA

Telephone: 86-10-6438 1705
Fax: 86-10-6438 1707

Authorized EC Representative:

Spacelabs Medical Sarl
6, Allée des Saules
Europarc
94042 Créteil Cedex

FRANCE

Telephone: 33 (0) 1 45.13.22.44
Fax: 33 (0) 1 45.13.22.00

Spacelabs Medical GmbH
Justus-Liebig-Straße 3
41564 Kaarst

GERMANY

Telephone: 49-(0)2131-92670
Fax: 49-(0)2131-926721

Spacelabs Medical Limited
Suite 901 Tower 1
China Hong Kong City
33 Canton Road, Tsimshatsui
Kowloon

HONG KONG

Telephone: 852-2376-1370
Fax: 852-2376-2502

Spacelabs Medical, Inc.
C/O Impulse Business Club
F-22 South Extension Part 1
New Delhi 110049

INDIA

Telephone: 911 1464 5002
Fax: 911 1464 5007

Spacelabs Medical S.r.l.
Via Montecatini, 13
20144 Milano

ITALY

Telephone: 39-(0)-2/48958203
Fax: 39-(0)-2/48958204

Spacelabs Medical Ltd.
2F-3, No. 161. Sung Te Road
Taipei, Taiwan R.O.C.

TAIWAN

Telephone: 8862-2759-7228
Fax: 8862-2759-9060

Spacelabs Medical B.V.
Ringveste 9^A
3992 DD Houten

THE NETHERLANDS

Telephone: 31-(0)-30-638 5050
Fax: 31-(0)-30-638 5059

Spacelabs Medical Ltd.
Eskdale Road
Winnersh Triangle, Wokingham
Berkshire RG41 5TS

UNITED KINGDOM

Telephone: 44-1189-448411
Fax: 44-1189-448006



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Germany
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Kowloon
Hong Kong
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Taiwan
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Créteil
France
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Vienna
Austria
43-1-616 52 37

Milano
Italy
39-(0)-2/48958203

Beijing
China
86-10-6438-1705

Wokingham
Berkshire, U.K.
44-1189-448411

New Delhi
India
911 1464 5002

Diegem
Belgium
32 2 7164026

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Introduction

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Overview

The BirthNet Obstetric Record Network (BORN[®]) is designed to improve the patient record operations (the BORN Antepartum Record) during the antenatal phase of medical care for expectant mothers. This system can be scaled and customized to work easily within a facility's established procedures and can accommodate the new forms and changes to existing forms. The software system includes:

- The BORN Server contains the server executables and the BORN Database.
- The BORN Client contains the data input interface.
- The BORN Admin Console enables the administrator to manage and customize the BORN Client interface.

This manual documents the ability to use the BORN Client to record patient information and history. It provides detailed information on:

- how to create, access, and edit patient records
- how to review the audit trail of patient record activity
- generating reports
- protecting the patient data

Each chapter in this manual addresses a specific section of the data entry and maintenance process. These chapters are presented in chronological order. The end of the document contains additional information concerning exceptions, troubleshooting, and appendices with reference material.

Logging into the BORN Client

1. Select the **BORN Client** icon on the desktop;

or,

Select the **Start Menu > Programs > BORN Client** menu option.

The login screen appears.

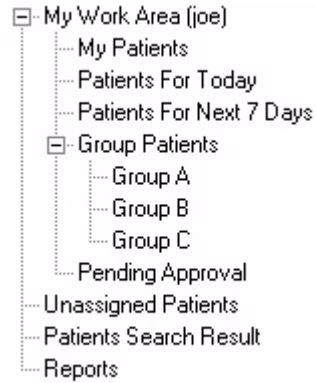
2. Enter a valid **Login Name** and **Login Password**, and click . The Client main screen displays.

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- The **Main Menu** appears at the top of the screen.



- The **Left Navigation Pane** displays on the left side of the screen, and comprises items and sub-items.



- The **Details Pane** displays differently, based on selections made from the **Left Navigation Pane**.

Using the BORN Client Interface

The BORN Client interface is configurable and can be customized for each medical facility. The patient records will look similar to the following example:

The screenshot shows the BORN Client interface for an initial physical exam. The patient information is as follows:

Parameter	Value
Visit Date	8/14/2001
Blood Pressure (mmHg)	124/82
Height (centimeters)	166.5
Pre-pregnancy weight (kilograms)	65.56
Pulse rate (beats per minute)	91
Breast	normal
Fundi	normal
Head, eyes, ears, nose, throat	abnormal
Lungs	abnormal
Teeth	normal
Thyroid	normal
Abdomen	normal
Extremities	normal
Heart	normal
Lymph nodes	normal
Skin	abnormal
Vulva	normal
Adnexa	normal
Cervix	normal
Rectum	normal
Uterus - fibroids	no
Uterus size (weeks)	22
Vagina	normal
Diagonal conjugate	reached
Diagonal conjugate measurement	13.5
Gynecoid pelvic type	yes
Sacrum	anterior
Spines	average
Subpubic arch	normal

Comments for the selected parameter (Head, eyes, ears, nose, throat):

Visit Date: 8/14/2001 Column Heading: Head, eyes, ears, nose, throat
Had photorefractive keratectomy surgery bilaterally in 03/12/1998. No problems since then.

Buttons: Canned Comments...

The **Left Navigation Pane** outlines the patient record.

The patient information is entered or selected in the **Details Pane**.

For each parameter, the current user can add comments in the **Comments** text box, or select pre-defined comments for the selected parameter.

Text-based parameters require the user to enter information directly.

Option-based parameters require the user to select the information from a list.

Refer to the system administrator for detailed information about the different types of parameters.

Navigating BORN Client


The BORN Client behaves like a standard Windows application. Some of the menus have options that are configured specifically for this application. Other menu options behave exactly like other Windows applications. For example:

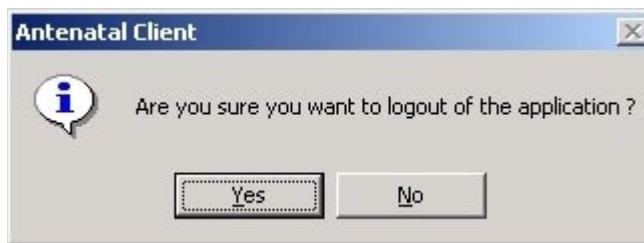
- **File > Exit**
- **Edit > Cut**
- **Edit > Copy**
- **Edit > Paste**
- **Help > About**

The other menu options are specifically tailored for the BORN Client.

Fields marked with an asterisk (*) are required fields. The user must enter valid data in the field before the BORN software will process the record.

Logging out of the BORN Client

1. Save any data created or modified during this login session.
2. Select the **File > Exit** menu option, press **Ctrl-E**, or click  in the top right corner of the screen.



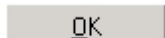
3. Click  to exit, or click  to return to the BORN Client.

Changing a Password in the BORN Client

1. Select the **File > Change Password** menu option, or press **Ctrl-P**.

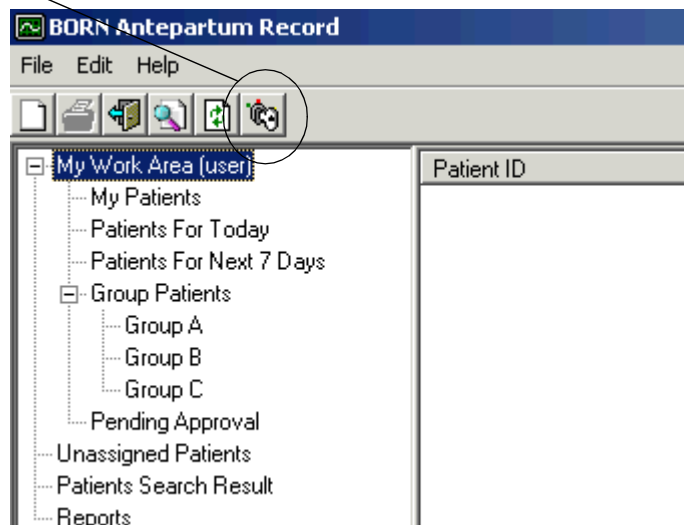


The image shows a 'Change Password' dialog box with a title bar containing a close button (X). The dialog contains four text input fields: 'Login Name' with the value 'user', 'Old Password *', 'New Password *', and 'Confirm Password *'. At the bottom, there are two buttons: 'OK' and 'Cancel'.

2. Enter the **Old Password** and the desired **New Password**. In the **Confirm Password** box, enter the **New Password** again to verify it. Each is a required field.
3. Click  to complete the change.

Locking the Screen

Click on the **Lock** icon on the toolbar. The application minimizes, and displays on the task bar.

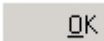


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To Unlock the Screen:

1. Click on the **BORN Antepartum Record** taskbar button. The “Password Verification” dialog box appears.



2. Enter your password, and click  **OK**

Patient Information

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Overview

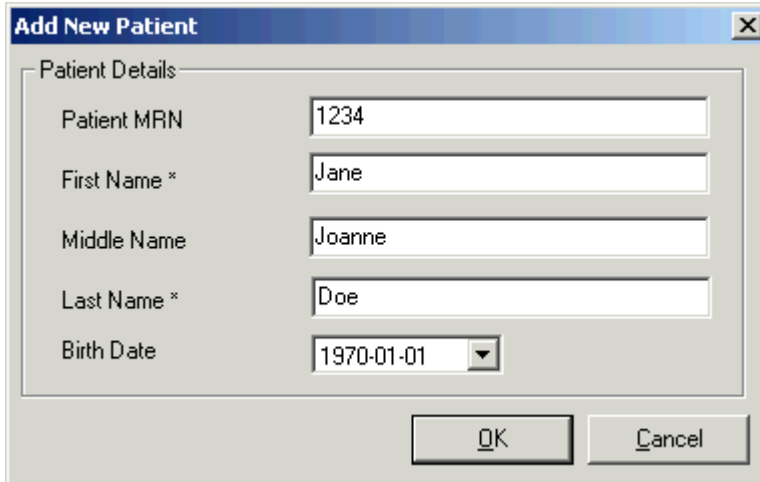
The BirthNet Obstetric Record Network is designed to improve the patient record operations (the BORN Antepartum Record) during the antenatal phase of medical care for expectant mothers. This BORN Antepartum Record is the method by which patient information is stored and processed.



- *Because the BORN Client can be customized, some of the text box names used in this manual may be different than those displayed on your system. Contact your system administrator if you have any questions concerning the text box names.*

Entering a New Patient

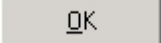
1. From the **Main Menu**, select the **File > New Patient Record** menu option;
or,
Select the **New Patient** icon from the toolbar.
The “Add New Patient” dialog appears.



The screenshot shows a dialog box titled "Add New Patient" with a close button in the top right corner. The dialog contains a section labeled "Patient Details" with the following fields:

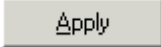
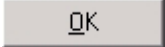
- Patient MRN: 1234
- First Name *: Jane
- Middle Name: Joanne
- Last Name *: Doe
- Birth Date: 1970-01-01 (with a dropdown arrow)

At the bottom of the dialog are two buttons: "OK" and "Cancel".

2. Enter the patient's information in order to create the BORN Antepartum Record.
 - **Patient MRN** – Enter the patient's unique, alphanumeric, Medical Record Number.
 - **First Name** (Required) – Enter the patient's first name.
 - **Middle Name** – Enter the patient's middle name.
 - **Last Name** (Required) – Enter the patient's last name.
 - **Birth Date** (Required) – Enter the patient's date of birth (MMDDYYYY format).
3. Click  to add the patient and open the Demographics entry form.
4. Select the **File > Save** menu option to save the patient's record, or select the **Save** icon from the toolbar.

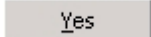
To assign a patient to a physician:

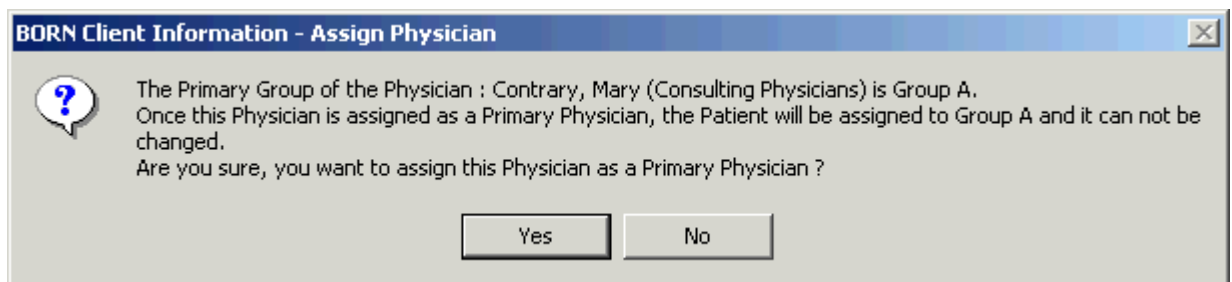
1. Locate the desired patient record. Refer to *Searching for a Patient Record* on page 2-3, for detailed instructions on locating a specific patient record.
2. Select the **File > Assign Physician** menu option. The “Assign Physician” dialog box appears.
3. Select the role the physician will assume regarding the selected patient.
 - **Add as Primary Physician** – Select this option and select the primary physician from the box. This physician is assigned as the primary physician for this patient. The patient is also assigned to the primary physician's group. Each patient can only have one primary physician. Selecting a primary physician replaces any previously designated primary physician for this patient.
 - **Add as Consultant Physician** – Select this option and select the consultant physician from the box. This physician is added as a consultant physician for this patient.

- **Remove physician** – Select this option and select the physician from the box. This physician is removed from the list of physicians assigned to this patient.
4. Select a physician from the **Select Physician** drop-down list.
 5. To assign an additional physician, click  to save the current physician and repeat steps 4 and 5 until all desired physicians have been assigned.
 6. Select  to save the updated patient record and close the “Assign Physician” dialog box.

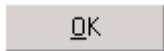



- *When the “Demographics” page appears, the list of attending physicians appears on the right side, with the primary physician marked by an asterisk (*).*

7. Click  on the displayed dialog box.



Viewing an Existing Patient’s Information

1. Double-click on the desired patient’s name in the **Details Pane**.
Highlighting the patient’s name and selecting the **File > Open Patient Record** menu option also opens the patient record.
2. Select the **Browse Patient Record** option, and click .
3. Click  to return to the **Main Menu**.

Searching for a Patient Record




- *Only active patients can be located through a search. If a patient is not found with a search, check the list of inactive patients.*

Method 1:

1. From the **Main Menu**, select the **Edit > Search Patient** menu option. The “Search Patient” dialog box appears.
2. Mark the check box to the left of the desired **Search Criteria**.

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3. Enter the search criteria (**Patient Number**, **MRN**, or **Name**) for the patient whose record is being located, and click 
4. From the **Left Navigator Pane**, select the **Patients Search Result** option to locate the patient record.

Method 2:

1. From the **Left Navigator Pane**, select the appropriate option for the type of patient to be located. The resulting list will display in the **Details pane**.
 - **My patients** – Select to list all patients for whom the current user is the primary physician.
 - **Patients for Today** – Select to list all patients scheduled to visit the medical facility on the current date.
 - **Patients for Next 7 Days** – Select to list all patients scheduled to visit the medical facility within the next seven calendar days.
 - **Group Patients** – Select a group. Only groups to which the current user has been assigned will display. Select a group to list patients assigned to the selected group.
 - ! **Patients assigned to the current user only display in the “My Patients” list.**
 - **Pending Approval** – Select to list all patients tentatively assigned to the current user, but are awaiting the user’s approval.
 - **Unassigned Patients** – Select to list all patients who have not yet been assigned to any physician.
 - **Patient Search Result** – Select to list all patients matching the criteria the user entered in the “Search Patient” dialog box.
 - **Reports** – This option is not used to locate patient records.
2. From the list of patients, highlight the desired patient record.
3. From the **Main menu**, select the **File > Open Patient Record** menu option. Refer to *Updating an Existing Patient’s Information* on page 2-4, for detailed instructions on adding or removing information from the patient record.

Updating an Existing Patient’s Information

Once a patient record is located, the BORN Antepartum Record appears. This BORN Antepartum Record includes a **Left Navigator Pane** and the **Details Pane**. The **Left Navigator Pane** lists all categories relevant to the patient (based on the patient’s group assignment).

Selecting a category in the **Left Navigator Pane** displays the relevant sections in the **Details Pane**. Selecting a section from the **Details Pane** displays the parameters relevant to this patient.

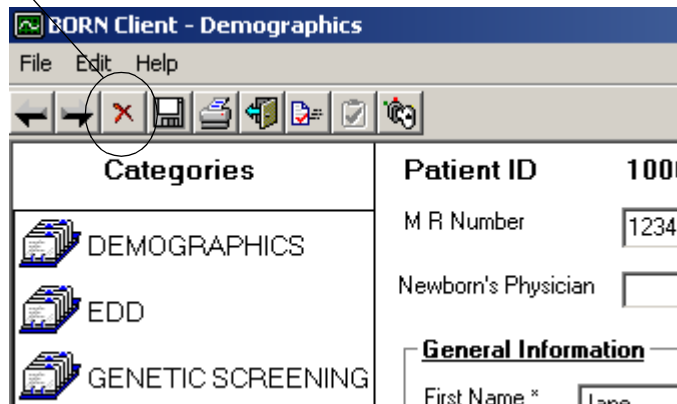
To record a new visit:

1. Locate the desired patient record. Refer to *Searching for a Patient Record* on page 2-3 for detailed instructions on locating a specific patient record.
2. Select the **File > Open Patient Record** menu option. The “Patient Visit” dialog displays.

3. Enter the details of the new visit.
4. To save the new visit information, select the **File > Save** menu option.

To inactivate a patient:

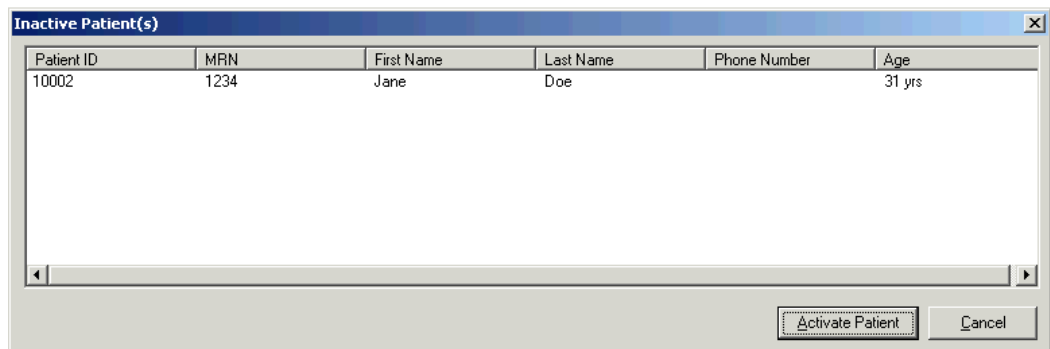
1. Open the patient record. Refer to *Searching for a Patient Record* on page 2-3.
2. Save the patient information.
3. Select the **Inactivate** icon from the toolbar.



4. If the correct patient is listed in the "Make Patient Record Inactive" message box, click **Inactive**.

To activate an inactive patient:

1. Select the **Edit > Activate Patient** menu option. The "Activate Patient" dialog box displays, listing all patients currently inactivated in the BORN Client system.
2. Select the patient record to be activated and click **Activate Patient**.



3. Click  to close the dialog box.

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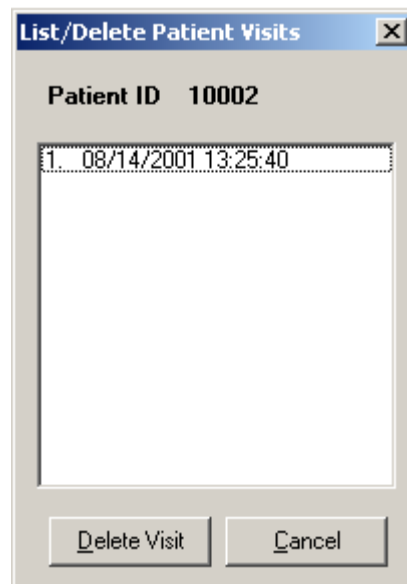
To list or delete a visit:



- A visit for which data has been entered cannot be deleted.

1. Select and open the desired patient record. Refer to *Searching for a Patient Record* on page 2-3.
2. Select the **File > List/Delete Visits (Ctrl+L)** menu option;

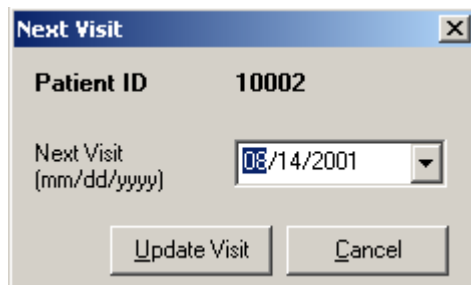
The "List/Delete Patient Visits" dialog box appears.



3. Select the visit date to be deleted, and click **Delete Visit**, and then click **Cancel**.
If no visit is to be deleted, press **Cancel**.

To schedule or view the next visit:

1. Select and open the desired patient record. Refer to *Searching for a Patient Record* on page 2-3.
2. Select the **File > Next Visit (Ctrl+N)** menu option. The "Next Visit" dialog box appears.
3. Enter the date of the next scheduled visit, and press **Update Visit**.



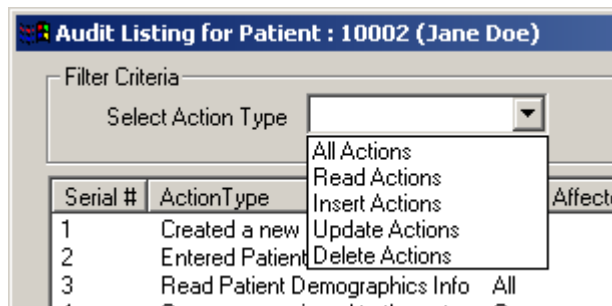
To view a patient audit:

1. In the **Details Pane**, highlight the patient whose audit information you wish to view.
2. Select the **Edit > View Audit** menu option. The “Audit Listing” for the specified patient appears, displaying all action types.

The screenshot shows a window titled "Audit Listing for Patient : 10002 (Jane Doe)". At the top, there is a "Filter Criteria" section with two dropdown menus: "Select Action Type" and "Select Modified User", and an "OK" button. Below this is a table with the following columns: Serial #, ActionType, Fields Affected, Old Value, New Value, Modified User, and Modified Date. The table contains 29 rows of audit data.

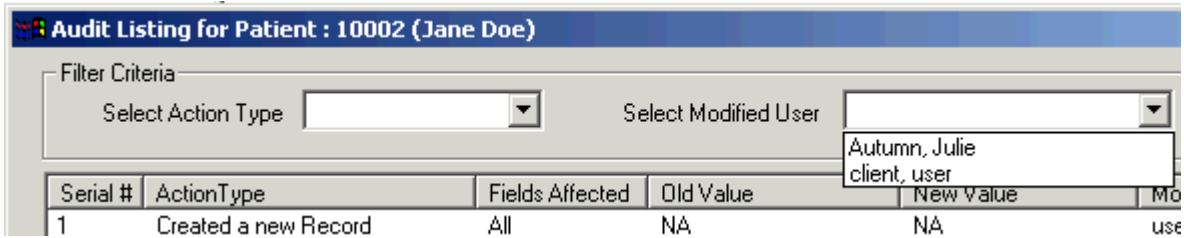
Serial #	ActionType	Fields Affected	Old Value	New Value	Modified User	Modified Date
1	Created a new Record	All	NA	NA	user	08/14/2001 13:11:20
2	Entered Patient Information	All	NA	NA	user	08/14/2001 13:11:20
3	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:11:20
4	Group was assigned to the pat...	Group	NA	Group A	user	08/14/2001 13:11:30
5	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:11:30
6	New patient visit created	PatientVisit	NA	Aug 14 2001 1:11PM	user	08/14/2001 13:11:42
7	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:11:42
8	Changed Final EDD	FinalEDD	NA	Aug 14 2001 12:00AM	user	08/14/2001 13:11:46
9	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:11:46
10	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:12:00
11	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:12:45
12	Changed the patient status	Status	Active	InActive	user	08/14/2001 13:12:48
13	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:12:53
14	Changed the patient status	Status	InActive	Active	user	08/14/2001 13:13:15
15	Read Patient Demographics Info	All	NA	NA	user	08/14/2001 13:13:26
16	Approved Patient Record	Approver	NA	julie	user	08/14/2001 13:23:15
17	Read Patient Demographics Info	All	NA	NA	julie	08/14/2001 13:24:12
18	Read Patient Visit Info	All	NA	NA	julie	08/14/2001 13:25:04
19	Deleted Patient visit	Patient visit	Aug 14 2001 1:11PM	NA	julie	08/14/2001 13:25:06
20	Read Patient Visit Info	All	NA	NA	julie	08/14/2001 13:25:06
21	Read Patient Visit Info	All	NA	NA	julie	08/14/2001 13:25:12
22	New patient visit created	PatientVisit	NA	Aug 14 2001 1:25PM	julie	08/14/2001 13:25:40
23	Read Patient Demographics Info	All	NA	NA	julie	08/14/2001 13:25:40
24	Read Patient Demographics Info	All	NA	NA	julie	08/14/2001 13:25:42
25	New Patient test history added	Results	no	no	julie	08/14/2001 13:25:53
26	New Patient test history added	Results	no	no	julie	08/14/2001 13:25:53
27	New Patient test history added	Results	no	no	julie	08/14/2001 13:25:53
28	New Patient test history added	Results	no	no	julie	08/14/2001 13:25:53
29	New Patient test history added	Results	no	no	julie	08/14/2001 13:25:53

3. To filter for a specific Action Type, select an Action from the **Select Action Type** list in the **Filter Criteria** section.



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- To display the activities of a particular user, choose from the **Select Modified User** drop-down list in the **Filter Criteria** section.



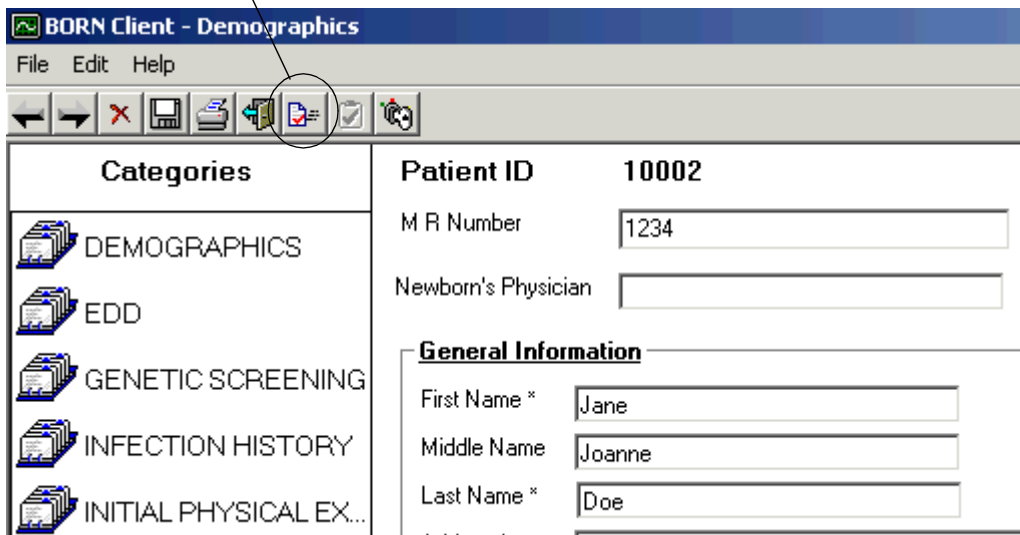
- Select  to modify the display utilizing the selections made in steps 3 and 4.

Approving Patient Information

When Patient Data has been entered, and the user may like another user to acknowledge receipt of that information. Use the BORN Client Approval feature to acknowledge receipt of the patient information.

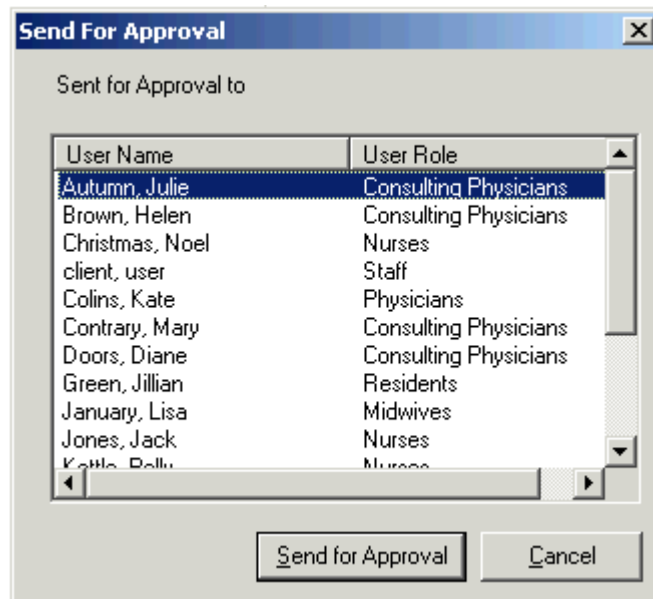
To submit patient information for approval:

- Select the desired patient record. Refer to *Searching for a Patient Record* on page 2-3.
- Select the **Send For Approval** icon from the toolbar.



Selecting the **Edit > Send For Approval** menu option also displays the "Send for Approval" dialog box.

3. Select the name of the user who will approve the data.



4. Select **Send for Approval**, and then select **Cancel** or **X**



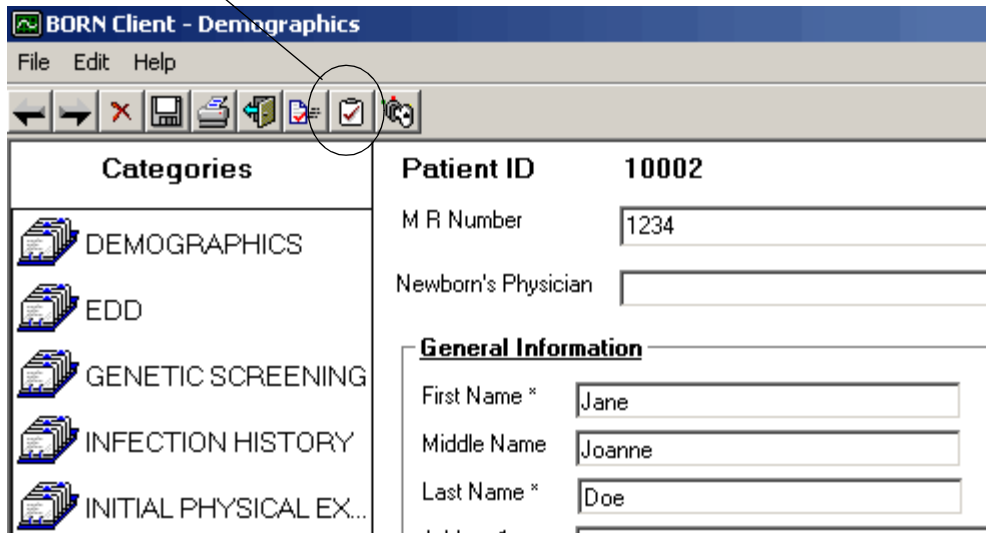
- *The patient record can be sent for approval to only one user at a time. If multiple users are selected, only the last user chosen receives the request.*

To approve patient information:

1. In the **Left Navigation Pane** of the BORN Client, select the **Pending Approval** option. Any patients listed in this group need to be "Approved" by the present user.
2. Open the patient record. Refer to *Viewing an Existing Patient's Information* on page 2-3.

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3. Select the **Approve** icon from the toolbar.



4. Selecting the **Edit > Approve** menu option also processes the patient approval request.
5. When the message "Are you sure you want to approve this patient?" appears, select **Yes** to approve the patient information;
or,
Select **No** to leave the patient information without approval.

Contents

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Overview

The BirthNet Obstetric Record Network is designed to improve the patient record operations (the BORN Antepartum Record) during the antenatal phase of medical care for expectant mothers. This BORN Antepartum Record is the method by which patient information is stored and processed.

Available Pre-Defined Reports

The BORN Client comes with several pre-defined reports. To access these reports, select the **Reports** option from the **Left Navigation Pane**. Other reports can be added to the BORN Client by an Administrator. Refer to the System Administration manual (P/N 070-1026-00) for detailed information concerning custom reports.

Consulting Patients in Date Range

This report lists all patients who have been admitted within the selected date range and for whom the current user has been assigned as a consulting physician.

My Patients as of Date

This report lists all patients for whom the current user has been assigned as the primary physician.

Patients in Date Range

This report lists all patients admitted within the selected date range, and for whom the current user has been assigned as the primary physician.

Patients of the Day

This report lists all patients scheduled to meet with the current user on the current date.

Remaining Patients of the Week

This report lists all patients scheduled to meet with the current user during the remaining days of the calendar week.

Demographics Report

This report displays the demographics information for a selected patient.

To generate the Demographics Report:

1. Locate the desired patient record. Refer to *Searching for a Patient Record* on page 2-3.
2. Open the patient record.
3. From the “Demographics” page, click the **Print** icon on the toolbar.

Selecting the **File > Print** menu option also prints the Demographics Report.

Printing Category Screens

To print the content for a specific Category in a patient record:

1. Locate the desired patient record. Refer to *Searching for a Patient Record* on page 2-3.
2. Click on the desired Category’s title.
3. Click the **Print** icon on the toolbar.

Selecting the **File > Print** menu option also prints the Category contents.

Abbreviations

Abbreviations Used in BirthNet Obstetric Record Network

This is a list of suggested, and commonly accepted, abbreviations. There is no universally-accepted set of medical abbreviations, but we recommend that any abbreviations be consistent throughout the medical facility.

























46, XX	46 chromosomes, 2X chromosomes (female)
46, XY	46 chromosomes, 1X and 1Y chromosome (male)
%	percent
AFP	alpha-fetoprotein
Amnio	amniocentesis
BP	blood pressure
CVS	chorionic villi sampling
DES	diethylstilbestrol
EDD	estimated date of delivery
FBS	fasting blood sugar
FHR	fetal heart rate
GA	gestational age
GC	gonorrhea (gonococcus)
GCT	glucose challenge test
g/dl	grams per deciliter
GTT	glucose tolerance test
HbsAg	hepatitis B surface antigen
hCG	human chorionic gonadotropin
Hct	hematocrit
HEENT	head, ears, eyes, nose, and throat
Hgb	hemoglobin
HIV	human immunodeficiency virus
HPV	human papillomavirus
ID	identification
IDD	insulin-dependent diabetes
LMP	last menstrual period
MCV	mean corpuscular volume
mg d/l	milligrams per deciliter
mmHg	millimeters of mercury
mmol	millimoles
mmol/l	millimoles per liter
MRN	medical record number

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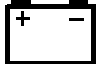

MSAFP	maternal serum alpha-fetoprotein
PAP	Papanicolaou test/smear
PKU	phenylketonuria
PPD	Siebert purified protein derivative of tuberculin
Rh	Rhesus factor
STD	sexually transmitted disease
TB	tuberculosis
UTI	urinary tract infection
VBAC	vaginal birth after cesarean section
VDRL	Venereal Disease Research Laboratory




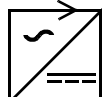
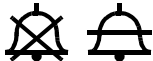





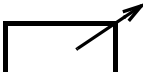
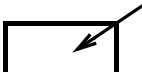







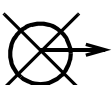

Symbols

The following list of international and safety symbols describes all symbols used on Spacelabs Medical products. No one product contains every symbol.





















Symbol	Description	Symbol	Description
	UCW or Ultraview 1700 HELP Key		UCW or Ultraview 1700 MONITOR SETUP Key
	UCW or Ultraview 1700 SPECIAL FUNCTIONS Key		UCW or Ultraview 1700 ALARMS Key
	UCW or Ultraview 1700 RECORD Key		UCW or Ultraview 1700 PREVIOUS MENU Key
	UCW or Ultraview 1700 NORMAL SCREEN Key		UCW or Ultraview 1700 REMOTE VIEW Key
	UCW or Ultraview 1700 ALARM WATCH Key		UCW or Ultraview 1700 GRAPHIC TRENDS Key
	UCW or Ultraview 1700 TABULAR TRENDS Key		UCW or Ultraview 1700 CALCS Key
	UCW or Ultraview 1700 DRUG CALCS Key		UCW or Ultraview 1700 TE MODE Key
	UCW or Ultraview 1700 DATA LOGGER Key		UCW or Ultraview 1700 DNA Key
	UCW or Ultraview 1700 CLOCK Key		UCW or Ultraview 1700 mouse connection
	UCW or Ultraview 1700 Keyboard Connection		ON — Power Connection to Mains
	OFF — Power Disconnection from Mains		On Position for Push button Power Switch
	Off Position for Push button Power Switch		STOP or CANCEL Key



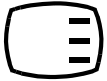





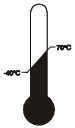

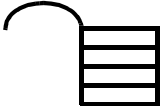
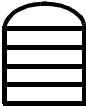






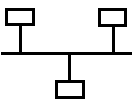
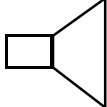
BirthNet Obstetric Record Network

Symbol	Description	Symbol	Description
	CONTINUE Key		START/STOP Key
	START/STOP		START (NIBP) Key
	On Direction		ON/OFF
	Television; Video Display		Recycle
	Protective Earth Ground		Functional Earth Ground
	ON — Part of the Instrument Only		OFF — Part of the Instrument Only
	Partial ON/OFF		STAND-BY Key
	All batteries should be disposed of properly to protect the environment. Lithium batteries should be fully discharged before disposal. Batteries such as lead-acid (Pb) and nickel-cadmium (Ni-Cd) must be recycled. Please follow your internal procedures and or local (provincial) laws regarding disposal or recycling.		Caution - hazardous voltages. To reduce risk of electric shock, do not remove the cover or back. Refer servicing to a qualified service personnel (U.S.A.). DANGER - High Voltage (International)
	PAUSE or INTERRUPT		Slow Run
	Replace Fuse Only as Marked		Fuse
	Power supply jack polarity. (+ / - Signs May be Reversed)		Equipotentiality Terminal
	Battery Replace only with the appropriate battery.		Replace only with the appropriate battery. (+ / - Signs May be Reversed)

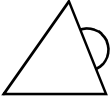

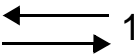
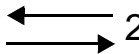



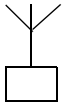

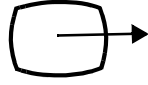



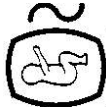
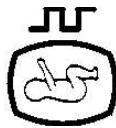

Symbol	Description	Symbol	Description
	Alternating Current		Direct Current
	Both Direct and Alternating Current		AC/DC Input
A	Amperes	Hz	Hertz
V	Volts	W	Watts
	Temporary Shut Off of Alarm Tone or Screen Indicators		Alarm
	ENTER Key		PRINT REPORT Key
	Attention - Consult Operations or Service Manual for Description		Risk of Explosion if Used in the Presence of Flammable Anesthetics
	Indicator — Remote control		Indicator — Local Control
	Return Unit to Monitor Mode		Indicator — Out of Paper
	Activate Recorder for Graphics		Recorder Paper
	Indoor Use Only		Auto Mode (NIBP)
	Output (Not Terminated)		No Output (Terminated)
	Data Input/Output	?	HELP (Explain Prior Screen) Key

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Symbol	Description	Symbol	Description
	Clock/Time Setting Key		Input/Output
	Monitor Setup Select Program Options		Set Initial Conditions Menu
	Access Special Function Menu		Normal Screen
	Return to Prior Menu		TREND/TIMER Key
	Gas Exhaust		Electrocardiograph or Defibrillator Synchronization
	Arterial Pulse		IEC 601-1 Type BF equipment. The unit displaying this symbol contains an F-type isolated (floating) patient-applied part providing an adequate degree of protection against electric shock.
	IEC 601-1 Type BF equipment which is defibrillator-proof. The unit displaying this symbol contains an F-type isolated (floating) patient-applied part which contains an adequate degree of protection against electric shock, and is defibrillator-proof.		IEC 601-1 Type CF equipment. The unit displaying this symbol contains an F-type isolated (floating) patient-applied part providing a high degree of protection against electric shock.
	IEC 601-1 Type CF equipment. The unit displaying this symbol contains an F-type isolated (floating) patient-applied part providing a high degree of protection against electric shock, and is defibrillator-proof.		ETL Laboratory Approved
	IEC 601-1 Type B equipment. The unit displaying this symbol contains an adequate degree of protection against electric shock.		Canadian Standards Association Approved
	Keypad		Enlarge, Zoom

Symbol	Description	Symbol	Description
	Menu Keys		Delete
	Waveform/Parameter Keys		PCMCIA Card
	Keep Dry		Fragile; handle with care
	Foot Switch		This Way Up
	Environmental Shipping/Storage Temperature Limitations		Environmental Shipping/Storage Humidity Limitations
	Open Padlock		Closed Padlock
	Down Arrow		Up Arrow
	Event		Temperature
	Antenna		Environmental Shipping/Storage Altitude Limitations
	Network Connection		Audio Output, Speaker

BirthNet Obstetric Record Network

Symbol	Description	Symbol	Description
	Remote Alarm; Nurse Alert		Nurse Call
	Serial Port 1		Serial Port 2
	External marker push button connection		SDLC Port
	Microphone		Mermaid Connector
	Note		Video Output
	Warning About Potential Danger to Human Beings		Caution About Potential Danger to Equipment
	Non-Invasive Blood Pressure (NIBP), Neonate		Fetal Monitor Connection (Analog)
	Fetal Monitor Connection RS232 (Digital)		Physiological Monitor Connection RS232 (Digital)

Abbreviations used as symbols are shown below.

Symbol	Description	Symbol	Description
1 - 32	Access Codes 1 Through 32	AIR	Air
ANT 1 ANT 2	Diversity Antenna System 1 Diversity Antenna System 2	Arr1 ArrNet2	Arrhythmia Net 1 Arrhythmia Net 2
CH ch	EEG, EMG, or ECG Channel EEG Channels - CH1, CH2, CH3, CH4 EMG Channel - CH5	cmH₂O	Centimeters of Water
CMV	Controlled Mechanical Ventilation	C.O. CO co	Cardiac Output
DIA dia	Diastolic	ECG ecg	Electrocardiogram
EEG eeg	Electroencephalogram	EMG emg	Electromyogram
ESIS	Electrosurgical Interference Suppression	EXT	External
FECG	Fetal Electrocardiogram	FHR1 FHR2	Fetal Heart Rate, Channel 1 Fetal Heart Rate, Channel 2
GND gnd	Patient Isolated Ground	HLO hlo	High-Level Output
I:E	Inspiration Expiration Ratio	MULTIVIEW	Multi-Lead Electrocardiogram
NIBP nibp	Non-Invasive Blood Pressure	N₂O	Nitrous Oxide
O₂	Oxygen	PEEP	Positive End Expiratory Pressure
PRESS press PRS	Pressure	Pmin	Minimum Inspiratory Pressure

BirthNet Obstetric Record Network

Symbol	Description	Symbol	Description
Ppeak	Peak Inspiratory Pressure	RESP resp	Respiration
SDLC	Synchronous Data Link Control	SPO2 SpO2 SpO₂ SaO₂	Arterial Oxygen Saturation as Measured by Pulse Oximetry
SVO2 SvO2 SvO₂	Mixed Venous Oxygen Saturation	SYS sys	Systolic
T1 T2 T3 T4	Temperature 1 Temperature 2 Temperature 3 Temperature 4	UA	Uterine Activity or Umbilical Artery
VAC	Vacuum connection		

BirthNet, Caremaster, Chartmaster, CVScan, Data Shuttle, FT1000, FT3000, Flexchart, Flexform, Flexport, Flextable, Flextool, Flexview, Global Participant Index, Intesys, Multiview, Neochart, Neoscan, OR Chart, PCMS, PrintMaster, Quicknet, Spaceview, Sensorwatch, TRU-CAP, TRU-CUFF, TRU-LINK, UCW, Ultralite, Ultraview, Ultraview Care Network, Ultraivew Clinical Messenger, Uni-Pouch, Universal Flexport, Varitrend, Vita-Stat, Web Source and WinDNA are trademarks of Spacelabs Medical, Inc.

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