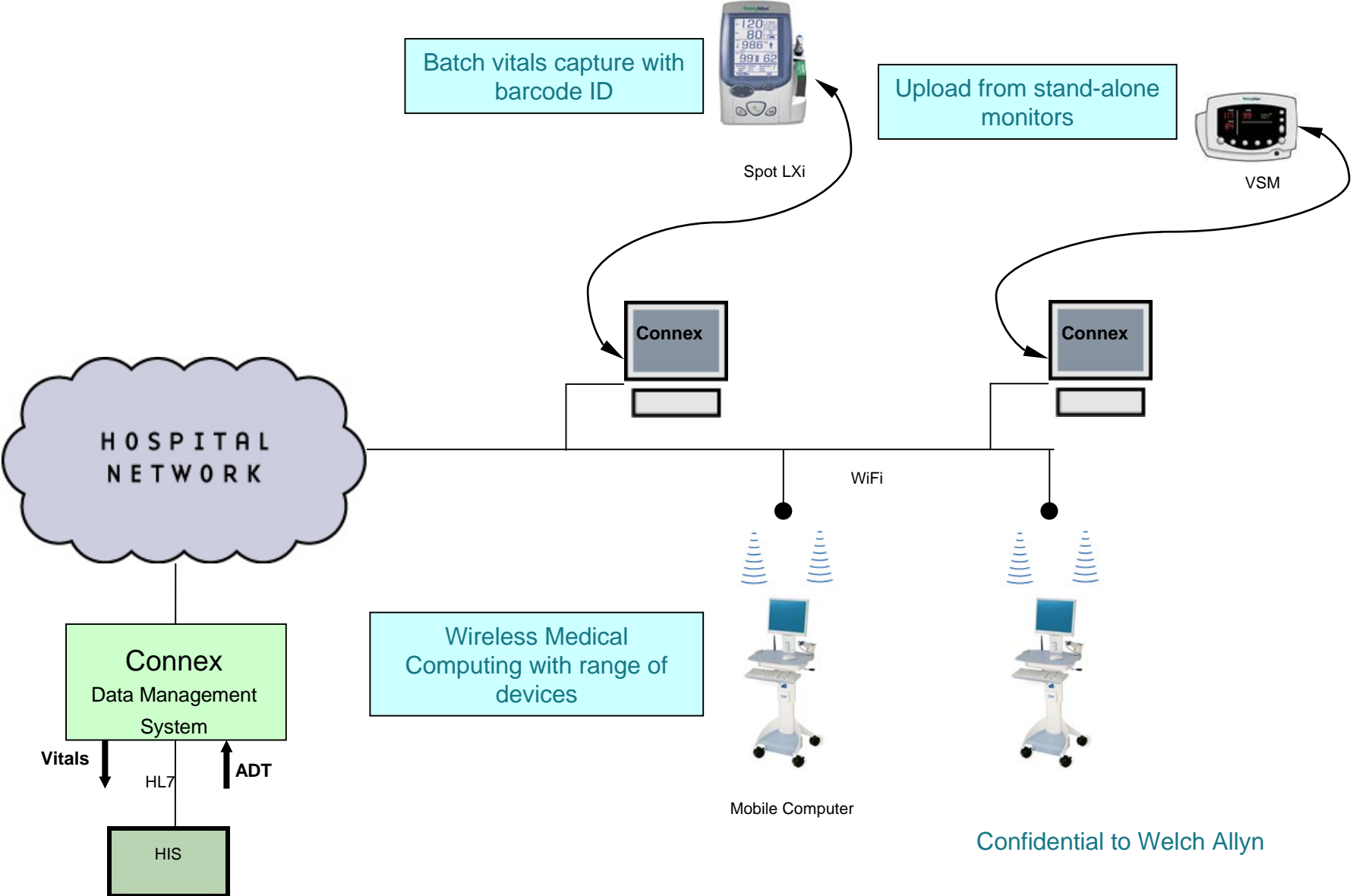


# Connex Architecture





## WORKFLOW PROFILES

### *Welch Allyn Connex Integration*

#### OVERVIEW

Welch Allyn Connex has four workflows: Computer-Based Vital Signs, Device-Based Vital Signs, Triage, and Vital Signs Monitoring. The system has been designed to meet the widest variety of customers needs for vital signs capture. Each workflow has strengths and weaknesses that are described below.

#### **COMPUTER-BASED VITAL SIGNS**

Works with:

- Spot Vital Signs
- Spot LXi Vital Signs
- Vital Signs Monitor Series 300
- Vital Signs Monitor Series 52000

#### STRENGTHS

- Allows for full utilization of Connex application –user friendly interface, reading alerts outside specified ranges, comparisons to previous readings, etc.
- Workstations already owned by hospital or being purchased by hospital can be used with devices; specialized workstations need not be purchased.
- Barcode patient identification is enabled.
- Complete vitals documentation at the point of care
- Multiple barcode scanner options available.

#### WEAKNESSES

- Workstation or some type of PC must be attached to device in order to provide patient context
- Requires wireless network connection at the bedside

#### **DEVICE-BASED VITAL SIGNS**

Works with:

- Spot LXi Vital Signs Device

#### STRENGTHS

- Compact, stand-alone device is only hardware needed to capture vitals during rounds
- Connectivity cable can be left plugged into a designated PC and simply attach device when finished
- Mobile PC workstation not required
- Wireless connection on hospital floor not required
- Utilizes same barcoded-wristbands issued by hospital for patient identification

#### WEAKNESSES

- Currently only Hand Held Products 4500-910 barcode scanner works with this device
- Device needs to be plugged into PC to upload data
- User must remember to save every reading on device
- Only 50 readings can be captured on rounds
- Cannot capture reading qualifiers (e.g., body position)

- Does not provide reading alerts at time of vitals capture

## **TRIAGE**

Works with:

- Spot Vital Signs Device
- Spot LXi Vital Signs Device
- Vital Signs Monitor Series 52000
- Vital Signs Monitor Series 300

## **STRENGTHS**

- Allows for full utilization of Connex application – notification of readings outside specified ranges, able to see previous readings, etc.
- No need for wireless connectivity
- Multiple barcode scanner options available.
- Complete vitals documentation at the point of care

## **WEAKNESSES**

- Windows PC must be attached to device
- Device and computer cannot easily move.

## **Vital Signs Monitoring**

Works with:

- Vital Signs Monitor Series 300
- Vital Signs Monitor Series 52000

## **STRENGTHS**

- Stand-alone device is only hardware required at the bedside to gather data from timed intervals
- Connectivity cable can be left plugged into a designated PC and simply attach device when finished
- Ideal for hospitals that don't have many workstations

## **WEAKNESSES**

- Device will lose data if it is turned off before data has been uploaded
- Device needs to be plugged into PC to upload data

# Computer - based Vital Signs Workflow

## How it works

- 1) User logs into application using username and password
- 2) User is on the Home Page

HOME | PATIENTS | MESSAGES | REPORTS | ALERT(S) SETUP | SETTINGS | HELP | FEEDBACK

Perkins, David | Workspace: CLINICAL | LOGOUT

### MY PATIENTS

View Location: ALL LOCATIONS

**ADD** **MODIFY** **REMOVE**

Location	Patient	BP	HR	SPO2	Temp	Captured
3K	Oesterreich, Takoda T. - 10 yrs, M	20/10	11			12/29/05 ...
1D	Arabia, Lawrence D. - 73 yrs, M	138/67	83	0	306°F	12/20/05 ...
1F	Metz, Kristin - 25 yrs, F	0/0	0	0	98°F	12/29/05 ...
VA	Garrant, Michael D. - 50 yrs	0/0	0	0	97°F	12/28/05 ...
2K	Drake, Bobby L. - 23 yrs, M	47/67	99	2.5	273.14°F	12/29/05 ...
VA	Doe, John - 31 yrs, M					12/27/05 ...
3L	Patient, New -	120/120	80	60	100°F	12/28/05 ...
3K	Baudelaire, Klaus - 11 yrs, M	150/140	100		105°F	12/29/05 ...
SICU	Simpson, Homer J. - 18 yrs, M	130/140	90	65	115°F	12/29/05 ...
OutPatient	Lawson, Erica Michael - F					12/29/05 ...
2K	GLickly, Deleted - 405 yrs					
1L	T, Clarence - 55 yrs, F					

### REMINDERS

View Patients At: ALL LOCATIONS

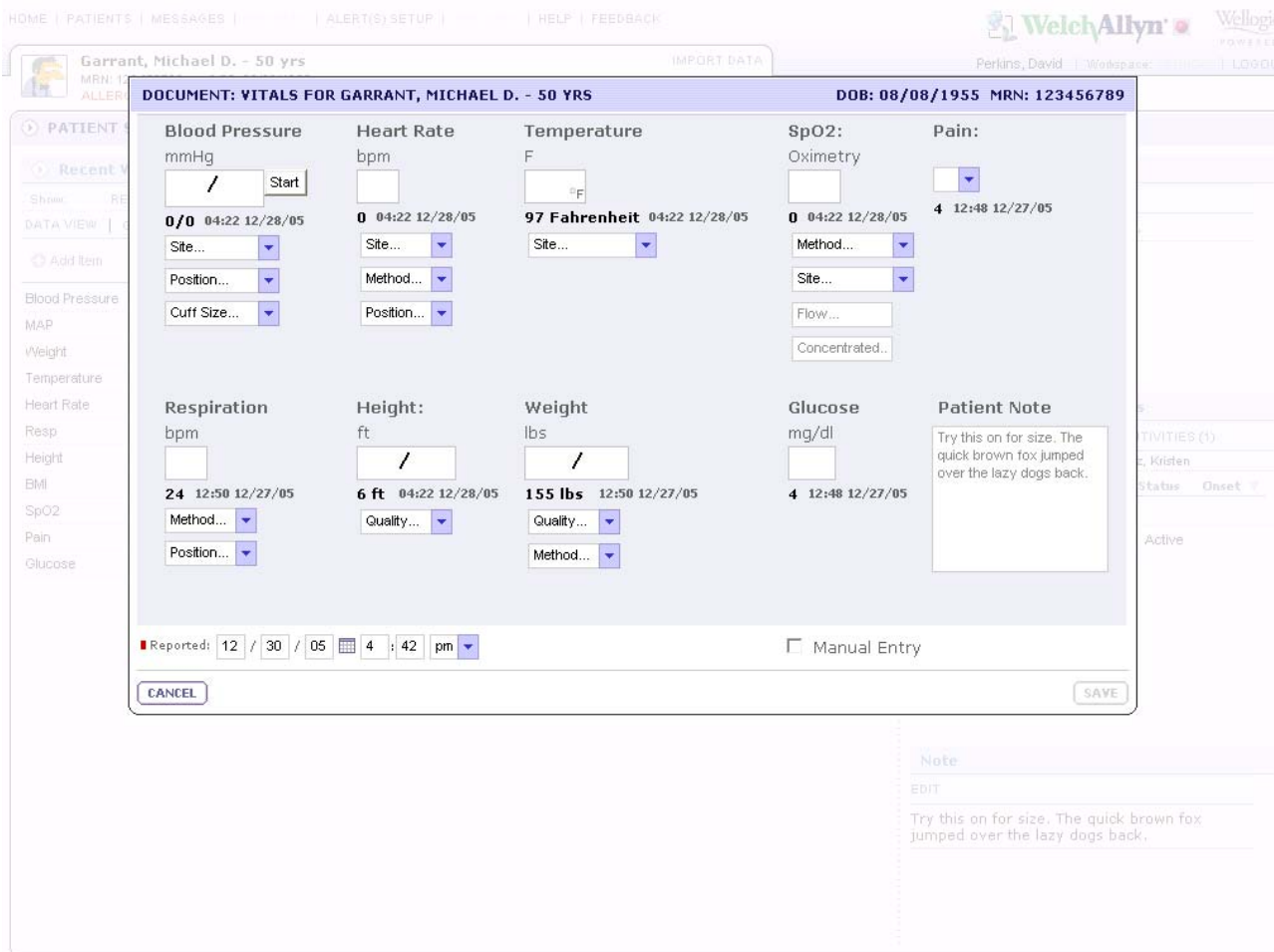
No reminders to display.

### INBOX

**NEW** **VIEW** **REPLY** **FORWARD** **DELETE**

* From	Subject	Received
Metz, Kristen	are you coming to work...	12/27/05 12:53p
Metz, Kristen	Fwd: They spelled your...	12/19/05 6:11p
Perkins, David	Vitals out of whack	12/19/05 1:50p

3) User scans patient barcode and is taken directly to the DOCUMENT VITALS screen



4) User then captures vitals. User can press Start under Blood Pressure to initiate a measurement on the attached device. As readings are completed they will appear in the software. User can also enter manual measurements and modifiers at any point in time. User can update the Patient Note as well.

HOME | PATIENTS | MESSAGES | ALERT(S) SETUP | HELP | FEEDBACK

Garrant, Michael D. - 50 yrs MRN: 123456789

Perkins, David | Workspace: | LOGOUT

DOCUMENT: VITALS FOR GARRANT, MICHAEL D. - 50 YRS DOB: 08/08/1955 MRN: 123456789

<b>Blood Pressure</b> mmHg 120 / 80 Start 108/69 02:28 12/30/05 L Arm Lying Lg. Adult	<b>Heart Rate</b> bpm 60 55 02:28 12/30/05 Left Auscultate Lying	<b>Temperature</b> F 97 98 Fahrenheit 02:28 12/30/05 Oral	<b>SpO2:</b> Oximetry 98 0 02:28 12/30/05 Room air Finger Flow... Concentrated..	<b>Pain:</b> 2 4 12:48 12/27/05
<b>Respiration</b> bpm 18 24 12:50 12/27/05 Spontaneo Lying	<b>Height:</b> ft 6 / 6 ft 04:22 12/28/05 Actual	<b>Weight</b> lbs 160 / 155 lbs 12:50 12/27/05 Actual Standing	<b>Glucose</b> mg/dl 185 4 12:48 12/27/05	<b>Patient Note</b> Try this on for size. The quick brown fox jumped over the lazy dogs back.

Reported: 12 / 30 / 05 4 : 51 pm Manual Entry

CANCEL SAVE

Note  
EDIT  
Try this on for size. The quick brown fox jumped over the lazy dogs back.



5) When all the data is in the application, the user presses SAVE and they will be taken to the Home Page, user can see the updated data for the patient.

# Device-based Vital Signs Workflow

## How it works

- 1) User logs into application using username and password
- 2) User is on the Home Page

HOME | PATIENTS | MESSAGES | REPORTS | ALERT(S) SETUP | SETTINGS | HELP | FEEDBACK


  
 Perkins, David | Workspace: CLINICAL | LOGOUT

### MY PATIENTS

View Location: ALL LOCATIONS

ADD MODIFY REMOVE

Location	! Patient		BP	HR	SPO2	Temp	Captured
3K	!	Oesterreich, Takoda T. - 10 yrs, M	20/10	11			12/29/05 ...
1D	!	Arabia, Lawrence D. - 73 yrs, M	138/87	83	0	306°F	12/20/05 ...
1F	!	Metz, Kristin - 25 yrs, F	0/0	0	0	98°F	12/29/05 ...
VA	!	Garrant, Michael D. - 50 yrs	0/0	0	0	97°F	12/28/05 ...
2K		Drake, Bobby L. - 23 yrs, M	47/67	99	2.5	273.14°F	12/29/05 ...
VA		Doe, John - 31 yrs, M					12/27/05 ...
3L	!	Patient, New -	120/120	80	60	100°F	12/28/05 ...
3K	!	Baudelaire, Klaus - 11 yrs, M	150/140	100		105°F	12/29/05 ...
SICU	!	Simpson, Homer J. - 18 yrs, M	130/140	90	65	115°F	12/29/05 ...
OutPatient		Lawson, Erica Michael - F					12/29/05 ...
2K		QUickly, Deleted - 405 yrs					
1L		T, Clarence - 55 yrs, F					

### REMINDERS

View Patients At: ALL LOCATIONS

No reminders to display.

### INBOX

NEW VIEW REPLY FORWARD DELETE

* From	Subject	Received
Metz, Kristen	are you coming to work...	12/27/05 12:53p
* Metz, Kristen	Fwd: They spelled your...	12/19/05 6:11p
* Perkins, David	Vitals out of whack	12/19/05 1:50p

3) User selects the SPOT CHECK IMPORT button off of the Home Page. Software automatically pulls the data from the Spot LXi and displays only the readings that **could not** be matched. Readings that could not be imported successfully will be deleted, or can also be printed to a network printer.

HOME | PATIENTS | NOTIFICATION SETUP | IMPORT DATA | REPORTS | HELP

WelchAlllyn Wellogic Consult  
Abelson, Mark | LOGOUT

**IMPORT VITALS DATA [MULTIPLE PATIENTS]**

21 of 28 records imported successfully

Records to be deleted (7 captures):

	Date/Time	Patient ID	Clinician ID	BP systolic	BP diastolic	HR	Pulse oximetry	Temp	Temp type	Pain	Resp	Ht	Wt
8	8/12/05 0:37	1636969		177	105	113	95%	100.0	Oral	9	21	53	271
9	8/12/05 0:42		120567	158	107	117	99%			7	10	83	111
10	8/12/05 0:45		120567	106	79	50	98%			3	12	54	165
11	8/12/05 0:49		120567	212	75	93	98%			9	16	51	187
12	8/12/05 0:53		120567	137	64	52	100%	97.6	Oral	5	21	76	221
13	8/12/05 0:57	1728091		136	73	72	98%	98.3	Oral	5	23	56	271
14	8/12/05 1:02		120567	134	112	84	98%	99.6	Oral	5	23		230

DELETE

4) The device will be cleared once the DELETE / OK button is pressed.



# Triage Workflow

## How it works

- 1) User logs into application using username and password
- 2) User is on the Home Page

HOME | PATIENTS | MESSAGES | REPORTS | ALERT(S) SETUP | SETTINGS | HELP | FEEDBACK

WelchAllyn Wellogix POWERED

Perkins, David | Workspace: CLINICAL | LOGOUT

### MY PATIENTS

View Location: ALL LOCATIONS

Location	Patient	BP	HR	SP02	Temp	Captured
3K	Oesterreich, Takoda T. - 10 yrs, M	20/10	11			12/29/05 ...
1D	Arabia, Lawrence D. - 73 yrs, M	138/87	83	0	306°F	12/20/05 ...
1F	Metz, Kristin - 25 yrs, F	0/0	0	0	98°F	12/29/05 ...
VA	Garrant, Michael D. - 50 yrs	0/0	0	0	97°F	12/28/05 ...
2K	Drake, Bobby L. - 23 yrs, M	47/67	99	2.5	273.14°F	12/29/05 ...
VA	Doe, John - 31 yrs, M					12/27/05 ...
3L	Patient, New -	120/120	80	60	100°F	12/28/05 ...
3K	Baudelaire, Klaus - 11 yrs, M	150/140	100		105°F	12/29/05 ...
SICU	Simpson, Homer J. - 18 yrs, M	130/140	90	65	115°F	12/29/05 ...
OutPatient	Lawson, Erica Michael - F					12/29/05 ...
2K	QLickly, Deleted - 405 yrs					
1L	T, Clarence - 55 yrs, F					

### REMINDERS

View Patients At: ALL LOCATIONS

No reminders to display.

### INBOX

* From	Subject	Received
Metz, Kristen	are you coming to work...	12/27/05 12:53p
* Metz, Kristen	Fwd: They spelled your...	12/19/05 6:11p
* Perkins, David	Vitals out of whack	12/19/05 1:50p

3) User selects the patient off of MY PATIENTS, and selects CAPTURE VITALS.

HOME | PATIENTS | MESSAGES | REPORTS | ALERT(S) SETUP | SETTINGS | HELP | FEEDBACK

WelchAllyn  
Perkins, David | Workspace: CLINICAL | LOGOUT

### MY PATIENTS

View Location: ALL LOCATIONS

ADD      MODIFY      REMOVE

Location	Patient	BP	HR	SPO2	Temp	Captured
3K	Oesterreich, Takoda T. - 10 yrs, M	20/10	11			12/29/05 ...
1D	Arabia, Lawrence D. - 73 yrs, M	138/87	83	0	306°F	12/20/05 ...
1F	Metz, Kristin - 25 yrs, F	0/0	0	0	98°F	12/29/05 ...
VA	Garrant, Michael D. - 50 yrs	0/0	0	0	97°F	12/28/05 ...
2K						12/29/05 ...
VA						12/27/05 ...
3L						12/28/05 ...
3K						12/29/05 ...
SICU						12/29/05 ...
OutPatient						12/29/05 ...
2K						
1L						

**Details for Garrant, Michael D.:**

Last Name: Garrant  
 First Name: Michael  
 Gender:  
 Age: 50 yrs  
 DOB: 19550808

Vitals Notification: 12/28/05 4:22 PM

Buttons: CAPTURE VITALS, PATIENT SUMMARY, REMINDER, ALERT LIMITS

Vitals Input Fields:  
 BP: 0/0 Resp: -  
 HR: 0 Pain: -  
 SPO2: 0 Ht: 6 ft/in  
 Temp: 97 Wt: -

### REMINDERS

View Patients At: ALL LOCATIONS

No reminders to display.

### INBOX

NEW      VIEW      REPLY      FORWARD      DELETE

*	From	Subject	Received
	Metz, Kristen	are you coming to work...	12/27/05 12:53p
*	Metz, Kristen	Fwd: They spelled your...	12/19/05 6:11p
*	Perkins, David	Vitals out of whack	12/19/05 1:50p

4) User is taken to DOCUMENT VITALS screen

Internal Use Only – DO NOT FAX

HOME | PATIENTS | MESSAGES | ALERT(S) SETUP | HELP | FEEDBACK

WelchAllyn | Wellogig

Garrant, Michael D. - 50 yrs | MRN: 123456789 | PERKINS, David | Workspace: | LOGOUT

DOCUMENT: VITALS FOR GARRANT, MICHAEL D. - 50 YRS | DOB: 08/08/1955 | MRN: 123456789

<b>Blood Pressure</b> mmHg / <input type="text"/> <input type="text"/> <input type="button" value="Start"/> 0/0 04:22 12/28/05 Site... Position... Cuff Size...	<b>Heart Rate</b> bpm <input type="text"/> 0 04:22 12/28/05 Site... Method... Position...	<b>Temperature</b> F <input type="text"/> °F 97 Fahrenheit 04:22 12/28/05 Site...	<b>SpO2:</b> Oximetry <input type="text"/> 0 04:22 12/28/05 Method... Site... Flow... Concentrated..	<b>Pain:</b> <input type="text"/> 4 12:48 12/27/05
<b>Respiration</b> bpm <input type="text"/> 24 12:50 12/27/05 Method... Position...	<b>Height:</b> ft / 6 ft 04:22 12/28/05 Quality...	<b>Weight</b> lbs / 155 lbs 12:50 12/27/05 Quality... Method...	<b>Glucose</b> mg/dl <input type="text"/> 4 12:48 12/27/05	<b>Patient Note</b> Try this on for size. The quick brown fox jumped over the lazy dogs back.

Reported: 12 / 30 / 05 4 : 42 pm  Manual Entry

Note  
EDIT  
Try this on for size. The quick brown fox jumped over the lazy dogs back.

5) User then captures vitals. User can press Start under Blood Pressure to initiate a measurement on the attached device. As readings are completed they will appear in the software. User can also enter manual measurements and modifiers at any point in time. User can update the Patient Note as well.

Internal Use Only – DO NOT FAX

HOME | PATIENTS | MESSAGES | ALERT(S) SETUP | HELP | FEEDBACK

WelchAllyn POWERED BY Wellogix

Garrant, Michael D. - 50 yrs MRN: 123456789 PERKINS, DAVID | Workspace: | LOGOUT

DOCUMENT: VITALS FOR GARRANT, MICHAEL D. - 50 YRS DOB: 08/08/1955 MRN: 123456789

<b>Blood Pressure</b> mmHg <input type="text" value="120"/> / <input type="text" value="80"/> <input type="button" value="Start"/> <b>108/69</b> 02:28 12/30/05 L Arm Lying Lg. Adult	<b>Heart Rate</b> bpm <input type="text" value="60"/> <b>55</b> 02:28 12/30/05 Left Auscultate Lying	<b>Temperature</b> F <input type="text" value="97"/> <b>98 Fahrenheit</b> 02:28 12/30/05 Oral	<b>SpO2:</b> Oximetry <input type="text" value="98"/> <b>0</b> 02:28 12/30/05 Room air Finger Flow... Concentrated..	<b>Pain:</b> <input type="text" value="2"/> <b>4</b> 12:48 12/27/05
<b>Respiration</b> bpm <input type="text" value="18"/> <b>24</b> 12:50 12/27/05 Spontaneo Lying	<b>Height:</b> ft <input type="text" value="6"/> / <input type="text" value=""/> <b>6 ft</b> 04:22 12/28/05 Actual	<b>Weight</b> lbs <input type="text" value="160"/> / <input type="text" value=""/> <b>155 lbs</b> 12:50 12/27/05 Actual Standing	<b>Glucose</b> mg/dl <input type="text" value="185"/> <b>4</b> 12:48 12/27/05	<b>Patient Note</b> <input type="text" value="Try this on for size. The quick brown fox jumped over the lazy dogs back."/>

Reported:  /  /   :    Manual Entry

Note  
EDIT  
Try this on for size. The quick brown fox jumped over the lazy dogs back.

6) When all the data is in the application, the user presses SAVE, they will be taken to the Home Page, user can see the updated data for the patient.

# Vital Signs Monitoring Workflow

## How it works

- 1) User logs into application using username and password
- 2) User is on the Home Page

HOME | PATIENTS | MESSAGES | REPORTS | ALERT(S) SETUP | SETTINGS | HELP | FEEDBACK

WelchAlllyn Wellogix POWERED

Perkins, David | Workspace: CLINICAL | LOGOUT

### MY PATIENTS

View Location: ALL LOCATIONS

[ADD](#) [MODIFY](#) [REMOVE](#)

Location	Patient	BP	HR	SPD2	Temp	Captured
3K	Oesterreich, Takoda T. - 10 yrs, M	20/10	11			12/29/05 ...
1D	Arabia, Lawrence D. - 73 yrs, M	138/87	83	0	306°F	12/20/05 ...
1F	Metz, Kristin - 25 yrs, F	0/0	0	0	98°F	12/29/05 ...
VA	Garrant, Michael D. - 50 yrs	0/0	0	0	97°F	12/28/05 ...
2K	Drake, Bobby L. - 23 yrs, M	47/67	99	2.5	273.14°F	12/29/05 ...
VA	Doe, John - 31 yrs, M					12/27/05 ...
3L	Patient, New -	120/120	80	60	100°F	12/28/05 ...
3K	Baudelaire, Klaus - 11 yrs, M	150/140	100		105°F	12/29/05 ...
SICU	Simpson, Homer J. - 18 yrs, M	130/140	90	65	115°F	12/29/05 ...
OutPatient	Lawson, Erica Michael - F					12/29/05 ...
2K	QUickly, Deleted - 405 yrs					
1L	T, Clarence - 55 yrs, F					

### REMINDERS

View Patients At: ALL LOCATIONS

No reminders to display.

### INBOX

[NEW](#) [VIEW](#) [REPLY](#) [FORWARD](#) [DELETE](#)

* From	Subject	Received
Metz, Kristin	are you coming to work...	12/27/05 12:53p
* Metz, Kristin	Fwd: They spelled your...	12/19/05 6:11p
* Perkins, David	Vitals out of whack	12/19/05 1:50p

3) User selects the patient off of MY PATIENTS, and selects PATIENT SUMMARY.

HOME | PATIENTS | MESSAGES | REPORTS | ALERT(S) SETUP | SETTINGS | HELP | FEEDBACK

WelchAlllyn  
Perkins, David | Workspace: CLINICAL | LOGOUT

### MY PATIENTS

View Location: ALL LOCATIONS

ADD      MODIFY      REMOVE

Location	Patient	BP	HR	SPO2	Temp	Captured
3K	Oesterreich, Takoda T. - 10 yrs, M	20/10	11			12/29/05 ...
1D	Arabia, Lawrence D. - 73 yrs, M	138/87	83	0	306°F	12/20/05 ...
1F	Metz, Kristin - 25 yrs, F	0/0	0	0	98°F	12/29/05 ...
VA	Garrant, Michael D. - 50 yrs	0/0	0	0	97°F	12/28/05 ...
2K						12/29/05 ...
VA						12/27/05 ...
3L						12/28/05 ...
3K						12/29/05 ...
SICU						12/29/05 ...
OutPatient						12/29/05 ...
2K						
1L						

**Details for Garrant, Michael D.:**

Last Name: Garrant  
 First Name: Michael  
 Gender:  
 Age: 50 yrs  
 DOB: 19550808

Vitals Notification: 12/28/05 4:22 PM

Buttons: CAPTURE VITALS, PATIENT SUMMARY, REMINDER, ALERT LIMITS

Vitals: BP 0/0 Resp -, HR 0 Pain -, SPO2 0 Ht 6 ft/in, Temp 97 Wt -

### REMINDERS

View Patients At: ALL LOCATIONS

No reminders to display.

### INBOX

NEW      VIEW      REPLY      FORWARD      DELETE

From	Subject	Received
Metz, Kristen	are you coming to work...	12/27/05 12:53p
Metz, Kristen	Fwd: They spelled your...	12/19/05 6:11p
Perkins, David	Vitals out of whack	12/19/05 1:50p

4) User is taken to PATIENT SUMMARY screen.

HOME | PATIENTS | MESSAGES | REPORTS | ALERT(S) SETUP | SETTINGS | HELP | FEEDBACK

**Garrant, Michael D. - 50 yrs** IMPORT DATA

MRN: 123456789    DOB: 08/08/1955  
**ALLERGIES: MANGO SKIN - IT'S BACK!** Perkins, David | Workspace: CLINICAL | LOGOUT

---

**PATIENT SUMMARY**

**Recent Vital Signs**

Show: RECENT VITAL SIGNS (19)

DATA VIEW | GRAPH VIEW     BP    Temp    SPO2    HR    Resp    Pain

+	12/30/05 2:28p	12/30/05 2:28p	12/30/05 2:27p	12/30/05 2:26p	12/28/05 4:22p	12/27/ 3:46p
Blood Pressure	<b>108/69</b>	<b>111/66</b>	<b>111/70</b>	<b>115/77</b>	<b>0/0</b>	<b>119/78</b>
MAP	82.0	81.0	83.0	89.0	0.0	91.0
Weight						
Temperature	98°F	98°F	98°F	98°F	97°F	99°F
Heart Rate	<b>55</b>	<b>56</b>	<b>56</b>	<b>63</b>	<b>0</b>	<b>63</b>
Resp						
Height					6 ft	6 ft
BMI						
SpO2	0%	0%	0%	0%	0%	0%
Pain						
Glucose						

**Patient Related Conditions**

EDIT

Mike's relatives are out of town.

---

**Allergies & Sensitivities**

Show: ACTIVE ALLERGIES & SENSITIVITIES (1)

Updated on 12/19/05 6:22p by Metz, Kristen

Substance	Reaction	Status	Onset
Mango Skin - I...	Anaphylactic s...	Active	

---

**Note**

EDIT

Try this on for size. The quick brown fox jumped over the lazy dogs back.

5) User then selects TIMED INTERVAL IMPORT in the right hand corner of the patient tab.

Internal Use Only – DO NOT FAX

6) The IMPORT DATA screen appears with all the data from the attached VSM 5200 / VSM 300 displayed in the window. User can select which readings they would like saved, or use the SELECT ALL button, if they want to save all of the readings. When all the readings have been selected, press SAVE.

**IMPORT VITALS DATA**

Select Data to save

	Date/Time	BP (systolic)	BP (diastolic)	Heart rate	Pulse oxime...	Temp	Temp type
<input type="checkbox"/>	1 12/30/2005 02:26	115	77	63	0	98	Oral
<input type="checkbox"/>	2 12/30/2005 02:27	111	70	56	0	98	Oral
<input type="checkbox"/>	3 12/30/2005 02:28	111	66	56	0	98	Oral
<input type="checkbox"/>	4 12/30/2005 02:28	108	69	55	0	98	Oral

Select All

7) The screen returns to the PATIENT SUMMARY with the data updated. All of the data is cleared off of the vital signs device.





## CONNECTIVITY PROFILE

### *Welch Allyn Connex Integration* Spot LXi Vital Signs Device

#### OVERVIEW

The Spot LXi Vital Signs Device (Spot LXi) has three methods of integrating into the Connex Data Management Solution.

The first workflow, **Computer-based Vital Signs**, uses Spot LXi in an integrated mobile PC workstation solution.

The second workflow, **Device-based Vital Signs**, uses Spot LXi as a stand-alone device, uploading the data into Connex after the readings are completed.

The third workflow, **Triage**, involves using the Spot LXi in a non-mobile setting.

The Spot LXi / Connex integration can work in all workflows in the same hospital, therefore it is very likely you will find the hospital leaving some devices on mobile stands and using the batch upload, some using the wireless spot check workflow, as well as some using triage for routine vitals capture.

#### TECHNICAL SPECIFICATIONS

Connectivity is provided through a USB cable which is ordered as separate accessory for this device.

4500-925 – Part number for Spot LXi Connectivity Cable, order one per device.

Price = \$50.00

In order to use the Spot LXi in any model the hospital must have the Connex software loaded on their PC's.

#### DEVICE CONFIGURATION

Connex works with Spot LXi's of any configuration.



## CONNECTIVITY PROFILE

*Welch Allyn Connex Integration*

### Spot Vital Signs Device

#### OVERVIEW

The Spot Vital Signs Device (Spot ) has two methods of integrating into the Connex Data Management Solution.

The first workflow, **Computer-based Vital Signs**, uses Spot in an integrated mobile PC workstation solution. The second workflow, **Triage**, involves using the Spot in a non-mobile setting.

The Spot / Connex integration can work in all workflows in the same hospital, therefore it is very likely you will find the hospital leaving some using the wireless spot check workflow, as well as some using triage for routine vitals capture.

#### TECHNICAL SPECIFICATIONS

If your hospital already has an installed base of Spot, these devices can easily be adapted to work with Connex using the following information.

Connectivity is provided through a USB cable which is ordered as separate accessory for this device.  
4200-170- Part number for Spot Connectivity Cable and mounting bracket, order one per device.  
Price = \$75.00

In order to use the Spot in any model the hospital must have the Connex software loaded on their PC's.

#### DEVICE CONFIGURATION

Connex works with Spot of any configuration.



## CONNECTIVITY PROFILE

*Welch Allyn Connex Integration*

### Vital Signs Monitor Series 300

#### OVERVIEW

The Vital Signs Monitor Series 300 (VSM 300) has two methods of integrating into the Connex Data Management System.

The first workflow, **Computer-based Vital Signs**, uses the VSM 300 in an integrated workstation solution, which allows the device to be used in a spot check workflow.

The second workflow, **Vital Signs Monitoring**, uses the VSM 300 as a stand-alone monitor in a setting that requires timed intervals and batch upload the data into Connex after the readings are completed.

The VSM 300 / Connex integration can work in both workflows in the same hospital, therefore it is very likely you will find the hospital leaving some devices on mobile stands and using the batch upload model when needed, but at the same time using the spot check workflow as well for routine vitals capture.

#### TECHNICAL SPECIFICATIONS

If your hospital already has an installed base of VSM 300's, these devices can easily be adapted to work with Connex using the following information.

Connectivity is provided through the RJ45 / Serial cable which is ordered as separate accessory for this device. 5300-170 – Part number for VSM 300 Connectivity Cable, order one per device.

Price = \$50.00

In order to use the VSM 300 in either workflow the hospital must have the Connex software loaded on their PC's.

#### DEVICE CONFIGURATION

Connex works with VSM 300's of any configuration.



## CONNECTIVITY PROFILE

*Welch Allyn Connex Integration*

### Vital Signs Monitor Series 52000

#### OVERVIEW

While the Vital Signs Monitor Series 52000 (VSM 52000) is no longer available for sale, its large installed base available makes it a valuable addition to the Connex family. The VSM 52000 has two methods of integrating into the Connex Data Management Solution.

The first workflow, **Computer-based Vital Signs**, uses the VSM 52000 in an integrated workstation solution, which allows the device to be used in a spot check workflow.

The second workflow, **Vital Signs Monitoring**, uses the VSM 52000 as a stand-alone monitor in a setting that requires timed intervals and batch upload the data into Connex after the readings are completed.

Both workflows can operate in the same hospital; therefore, it is likely you will find the hospital leaving some devices on mobile stands and using the batch upload model when needed, but at the same time using the **Computer-based Vital Signs** workflow as well for routine vitals capture.

#### TECHNICAL SPECIFICATIONS

Connectivity is provided through a serial cable which is ordered as separate accessory for this device.

5200-170 – Part number for VSM 52000 Connectivity Cable, order one per device.

Price = \$50.00

#### DEVICE CONFIGURATION

Connex works with VSM 52000's of any configuration.