



**Welch Allyn  
Connex 360  
Vital Signs Monitor**  
Software version 1.1



**Quick reference**

There are different configuration and setting options with the Connex 360 vital signs monitor. The actual configuration or settings of your monitor may not be as described in this Quick Reference. Refer to the *Connex 360 Instructions For Use (IFU)* for further details on how to use your monitor.

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## Power button



**Touch** the power button on the lower-right of the device housing to:

- Power up the monitor.
- Power down the monitor.
- Place the monitor into Sleep mode. This is not available when an alarm condition is active.
- Wake up the monitor from Sleep mode.

## Battery status



(90%) Charging




(4:23) Approximate operating time remaining (HH:MM)

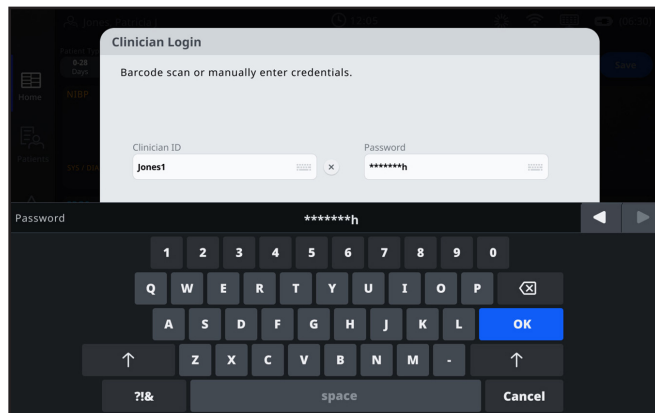


Battery removed or not holding a charge

## Clinician login, manual

### From the home screen

1. Touch the clinician login button  in the upper left corner.
2. Use the onscreen keyboard to enter the clinician ID and password. Alternatively, scan a barcode, if enabled.
3. Touch **Log in**.
4. The **Connex 360** monitor can be configured for several login types. Refer to the **Connex 360 monitor Instructions For Use (IFU)**.



## Clinician login, RFID reader

### Via the login screen

1. Place a clinician badge (RFID or two-dimensional barcode) so the light from the RFID reader appears on the clinician badge. The system will verify the number and log in the clinician.
2. (optional) Touch the keyboard icon to enter the credentials manually. Using the keyboard, enter your ID and password in the respective fields, and then touch **Log in**.
3. (optional) Touch **Quick Access** to skip login and to proceed to the Home screen without a clinician ID.
4. (optional) Touch **Power Down** to power down the monitor.




## Start/Stop blood pressure

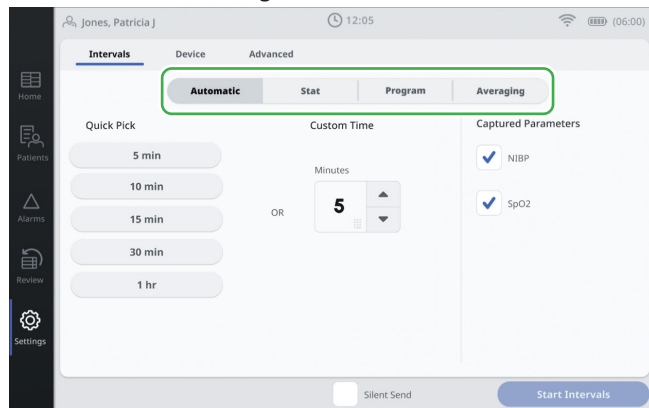


1. Position the blood pressure cuff appropriately on the patient.
2. In the NIBP frame, touch the start icon to start taking a blood pressure.
3. In the NIBP frame, touch the stop icon if you need to cancel the reading.

## Start intervals


1. On the Home tab, touch .

2. Select **Automatic**, **Stat**, **Program**, or **Averaging** and enter or select desired settings.











3. Touch **Start intervals**.

## Stop intervals

1. On the Home tab, touch .
2. Touch **Stop intervals**.

## Alarm indicators and controls icons

Icons	Descriptions
	Alarm off No visual or audio notifications are enabled
	Alarm on Visual and audio notifications are enabled.
	Alarm audio off Only visual notifications are enabled.
	Alarm audio paused Countdown timer is active.
	Alarm active Touch to pause or silence.
	Multiple alarms active Touch to pause or silence.
	Medium priority alarm Touch to adjust alarm limits or turn off alarm.
	High priority alarm Touch to adjust alarm limits or turn off alarm.

## Manually enter parameters and modifiers

1. Press and hold a parameter frame, such as NIBP.  
The Modifiers and Parameters Manual Entry screen appears.  
If modifiers are preconfigured they can be entered on this screen.

Modifiers and Parameters Manual Entry

NIBP 144/94

SYS / DIA

RESPIRATION RATE 17

BPM

SpO2 98

%

PULSE RATE 68

♥ / MIN

TEMPERATURE 98.9

°F (37.1 °C)

Additional Parameters

Cancel Next

2. Touching and holding within the NIBP frame opens the NIBP manual entry keypad. Manually enter the value for the parameter by touching within the field, entering the value on the keypad, and touching **OK**.
3. If additional parameters are configured, access by touching **Additional Parameters**.

4. After all Modifiers are complete, touch **OK**. If a dialog box appears asking for certain required fields, enter any missing values and touch **OK** at the prompt.
5. Touch **Save** to save the data and clear the screen.

Jones, Patricia J. 12:05 (6:00)

Patient Type: 0-28 29-17 18+ Years Patient Name: Barker, Robert A. DOB: 08 / 12 / 1971 MRN: 294820271959 Clear Save

NIBP 144/94 Location: L Arm Position: Sitting

SYS / DIA mmHg

RESPIRATION RATE 17 BPM SOURCE: SpO2

SpO2 98% Delivery: rm air Nasal canula Simple mask Venti mask O2 Concentration PEWS

P1 - 3.9

PULSE RATE 68 ♥ / MIN

TEMPERATURE 98.9 °F (37.1 °C)

MODIFIED EARLY WARNING SCORE MEWS NIBP RR PR ANPI OUTS

0 0 0 0 0 0

ADDITIONAL PARAMETERS HEIGHT WEIGHT BMI ANPI BIS OUTS PAIN

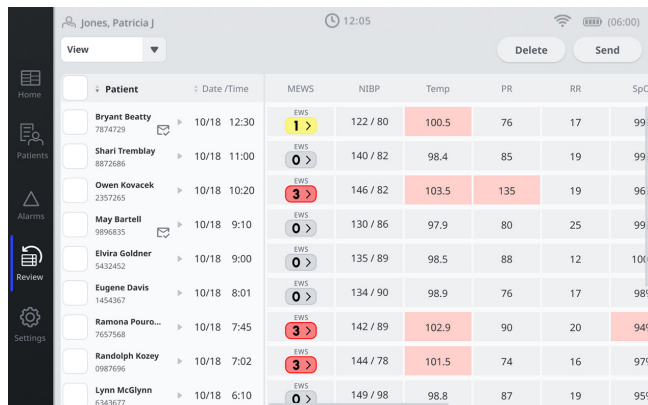
172 63 23.1 Awake 1.5 1.4 1

101.0 94.8


## Manage patient records

Unsent patient records can be sent to the network or deleted.

1. Touch the **Review** tab.

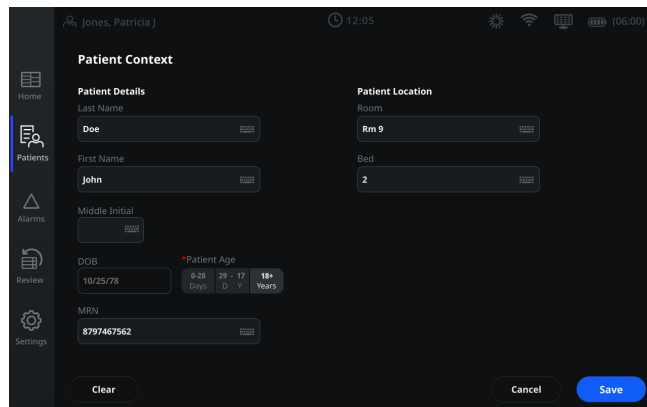


Patient	Date / Time	MEWS	NIBP	Temp	PR	RR	SpO2
Bryant Beatty 7874729	10/18 12:30	1	122 / 80	100.5	76	17	99
Shari Tremblay 8872686	10/18 11:00	0	140 / 82	98.4	85	19	99
Owen Kovacek 2357265	10/18 10:20	3	146 / 82	103.5	135	19	96
May Bartell 9896835	10/18 9:10	0	130 / 86	97.9	80	25	99
Elvira Goldner 5433452	10/18 9:00	0	135 / 89	98.5	88	12	100
Eugene Davis 1454367	10/18 8:01	0	134 / 90	98.9	76	17	98
Ramona Pourou... 7657568	10/18 7:45	3	142 / 89	102.9	90	20	94
Randolph Kozey 0987696	10/18 7:02	3	144 / 78	101.5	74	16	97
Lynn McGlynn 6343677	10/18 6:10	0	149 / 98	98.8	87	19	95

2. Select records by touching the check box next to each desired patient name.
3. Touch **Send** to transmit the records to the network or **Delete** to permanently remove the records.
4. After a successful send, the record is marked with .

## Add a patient

1. If enabled for manual patient entry, touch the **Patients** tab.
2. Touch **New Patient**.
3. Touch within any field and then enter patient information.  
Note that patient age is a required field.



**Patient Context**

**Patient Details**

Last Name: Doe

First Name: John

Middle Initial: [Field]

DOB: 10/25/78

Patient Age: 18+ (Days, Months, Years)

MRN: 8797467562

**Patient Location**

Room: Rm 9

Bed: 2

Buttons: Clear, Cancel, Save


4. Touch **Save** to save and return to the Home tab.





**NOTE** You can use an optional scanner to scan in the patient ID. When the scanned ID matches a patient in the list, the scanned patient information transitions to the home screen. When the scanned ID does not match a patient in the list, the scanned number will be added to the MRN field.

## Clean the equipment

Refer to the IFU for details on cleaning the monitor, mounting solutions, and accessories. Some cleaning and disinfecting agents are not appropriate for all components. Use only approved cleaning agents and observe restrictions noted in the IFU. Using unapproved cleaning agents may cause damage to the monitor, components, or accessories and will void the warranty. See “Prepare to clean the equipment” in the IFU for a list of approved cleaning agents.

 **CAUTION** Some cleaning and disinfecting agents are not appropriate for all components of the device. Use only approved cleaning and disinfecting agents, and observe restrictions noted for some components in the Instructions for use. Using unapproved cleaning and disinfecting agents may cause damage to components.

 **CAUTION** Do not spray any cleaning or disinfecting agent solution directly onto the monitor. Excess solution entering the monitor assembly could damage internal components. Also use caution to ensure that any cleaning or disinfecting cloth is not saturated with solution.

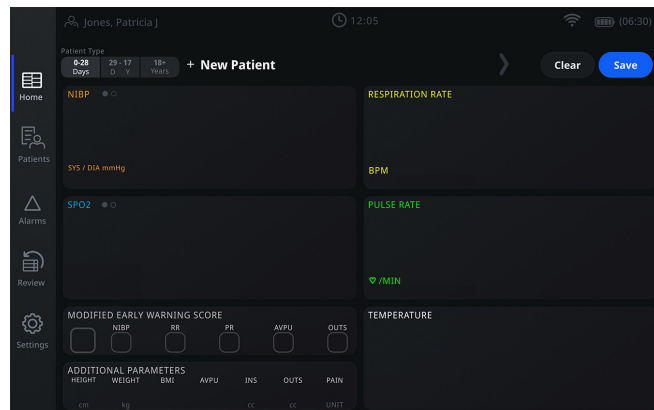
 **CAUTION** Do not use bleach solutions of any kind when cleaning metal electrical contacts. They will damage the device.

## Enter Early warning scores

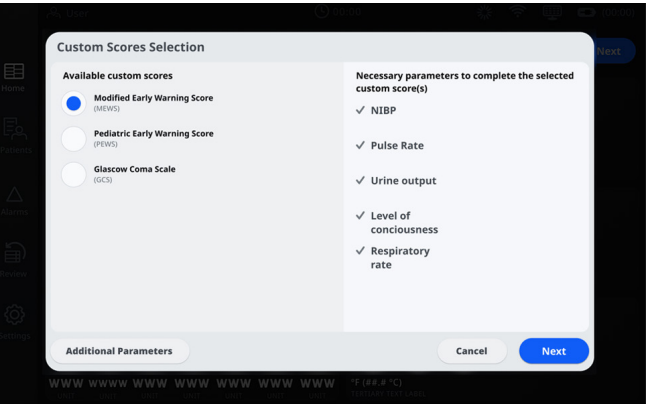


**NOTE** Authorized personnel can select and configure Custom Early Warning Scores and can set Manual Scores.

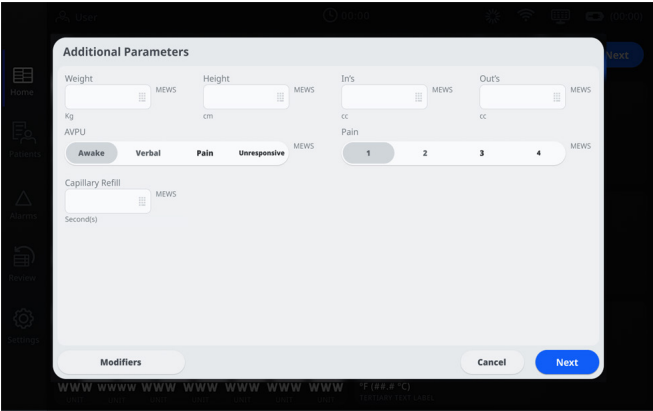
1. On the Home tab, touch within the custom score assessment section of the screen. In the following screen example, Modified Early Warning Score (MEWS) is the custom score assessment section.



2. On the custom score selection screen, touch the radio button next to an available custom score. The necessary parameters for that custom score are shown to the right. In the following screen example, MEWS is the pre-selected custom score. Touch the **Additional Parameters** button or **Modifiers** button to enter the required information. Checked parameters indicate completed defined parameters for the selected custom score. Incomplete parameters will not have a check mark and will result in a partial score.



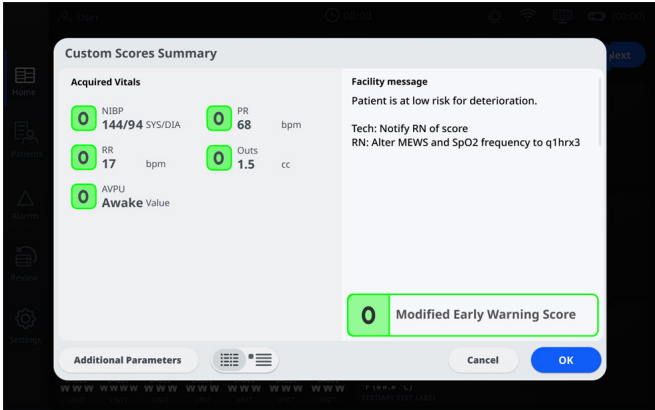
3. Touch **Next** or select the desired parameter from the additional parameters screen.



4. If there are multiple defined parameters in the additional parameters screen, touch **Next** until you reach the final screen.



5. Take note of the risk scores, facility messages, and required responses and then touch **OK**.



6. Touch **Save** to save the data and clear the screen.



## Unlock the screen

Touch the lock icon to unlock the screen. Follow the steps below for Single Sign On configurations and for Required clinician authentication. Sample screen shown with Intervals running and Clinician ID login configured:



1. Using a RFID Reader, scan your ID badge.
2. (Optional) Or use the keypad to enter your ID and password. Follow the onscreen prompts to unlock the screen.



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