

ASSOCIATING DEVICES WITH BMDI

Patient data acquired from devices are input to Millennium using Bedside Medical Device Interfacing (BMDI). Vital signs collected on cardiac monitors, and respiratory data from a ventilator are examples of this type of data. In order to capture this, an association between the device and the patient must first be created.

Associate Device (e.g., monitor, ventilator, tele pack)

- 1. Open patient's chart
- 2. From the menu, select Interactive View and I&O

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Device association window may automatically display
If it does not, click the Associate Device icon.
This can be done to associate multiple devices (e.g., monitor and vent).





1 BMDI Associate Device

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scanning

BMDI DEVICES HOSPITAL INFORMATION SYSTEM (HIS)

4. Device window will appear



OR

5. Scan the barcode on the device



vice: NFS-M

Manually enter the device name to search

- 6. Device will associate to the patient's chart **A** Indicates a patient is already associated to the device. Hover to view additional details. Associating a new patient to this device removes the previous patient data. Also see, Disassociating Device.
- 7. Click on the desired device, then click Associate

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Device	Location	Details	Vendor PHLP	Model Intell?/ue MX	





Disassociate Device

- 1. Open patient's chart
- 2. Click the Associate Device icon



3. Click Disassociate



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3 BMDI Associate Device

Modify Association Time

- 1. Open Associate Device from interactive view
- 2. From the devices section, expand the device row to view additional details
- 3. From the Associate Start Time box, modify the time as required
- 4. Click Associate





Adding Data

Once the device has been associated, patient data (e.g., vitals) can be added.

- 1. From the menu, select Interactive View and I&O
- 2. Click Vital Signs
- 3. In the Time column under Vital Signs, right-click to select Add Result



Data (e.g., vitals) will populate the column in purple.
Additional data that has not been pulled in may be manually entered.

	22/6 ct/2024	
	11:35	11:34
		8
Deg C		37
Deg C		
bpm		
bpm		60
bpm		60
br/min		15
%		95
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mmHg		
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5. Multiple data intervals can be captured by right-clicking the 'time' field to set the appropriate interval. (Device may also be set to the same interval). Double click Time columns as needed and data will populate.

	04/02	/18	
⊿ VITAL SIGNS			Insert Date/Time
Temperature Tympanic	De	_	insert Date/ Inne
Temperature Temporal Artery	Deg C	1	Actual
Temperature Intravascular	Deg C	-	Actual
Temperature Core	Deg C		O30 sec
Apical Heart Rate	bpm		
Peripheral Pulse Rate	bpm		Q1 min
Heart Rate Monitored	bpm		O3 min
♦ SpO2	%		QSIIIIII
Oxygen Therapy			O5 min
Oxygen Flow Rate	L/min		
End Tidal CO2	mmHg		Q10 min
Respiratory Rate	br/min		O15 min
SBP/DBP Cuff	mmHg		QIJIIIII
Cuff Location		_	O30 min
Mean Arterial Pressure, Cuff	mmHg	_	
Blood Pressure Method		_	Q1 hr
SBP/DBP Arterial Line	mmHg		O2 hr
Mean Arterial Pressure, Invasive	mmHg		Q2 11
SBP/DBP Unassisted			O4 hr

R 🖌		19:24 8	EDT 19:21	EDT 19:18	EDT 19:15	EDT 19:12 E
⊿ VITAL SIGNS						
Temperature Tympanic	Deg C					
Temperature Temporal Artery	Deg C					
Temperature Intravascular	Deg C					
Temperature Core	Deg C					
Apical Heart Rate	bpm					
Peripheral Pulse Rate	bpm					
Heart Rate Monitored	bpm	86	84	88	88	88
SpO2	%	99	98	99	99	99
SpO2 Location		\diamond	\diamond	\diamond	\diamond	\diamond
Oxygen Therapy						
Oxygen Flow Rate	L/min					
End Tidal CO2	mmHg					
Respiratory Rate	br/min	16	14	18	18	18
SBP/DBP Cuff	mmHg					
Cuff Location						
Mean Arterial Pressure, Cuff	mmHg					
Blood Pressure Method						
SBP/DBP Arterial Line	mmHg	122/78	118/82	120/80	120/80	120/80
Mean Arterial Pressure, Invasive	mmHg	93	94	93	93	93

6. Click on the green checkmark Sign button to verify the data. Verified data will turn black. To modify a data point, right-click on the data point and click Modify.



h		22/0	12024
l 🖬		11:36	11:34
2 Vital Signs			
Temperature Oral	Deg C		37
Temperature Axillary	Deg C		
Temperature Skin	Deg C		
Temperature Rectal	Deg C		
Temperature Tympanic	Deg C		
Temperature Bladder	Deg C		
Apical Heart Rate	bpm		
Peripheral Pulse Rate	bpm		60
Heart Rate Automatic	bpm		60
Respiratory Rate	br/min		15
Respiratory Effort			
SpO2	%		95
SpO2 Location			
SBP/DBP Cuff	mmHg		
Mean Arterial Pressure, Cuff	mmHg		
Non-invasive Blood Pressure - Pulse	bpm		
Cull Location	1.0		





Associate Device: BRIDGE

After launching Bridge from the patient's chart, in Record Vitals section,

1. Place cursor on first field, Temperature

rature	Record Vital Sigr	15		
	Observation Date/Time: *Temperature	10/24/2024 8:39 EDT	Change	Show Ranges
	*Site: *Heart Rate: *Blood Pressure:	beats/minut	te mmHg 🗆 pal	p
	*Method: *Respirations:	breaths/mir	∨ nute	
	*O ² Saturation: Comment:	96	40	
		Confirm Exit		

2. Scan Device barcode and data (e.g., vitals) will populate. Additional data may be manually entered.

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Archi Vue	
······································	Record Vital Sign	าร
C PHILIPS	Observation Date/Time: *Temperature:	10/24/2024 8:48 EDT Change Show Ranges
The man and the ma	*Site:	Rectal V
	*Heart Rate:	60 beats/minute
	*Blood Pressure:	120 / 70 mmHg 🗆 palp
	*Method:	Invasive BP 🗸
	*Respirations:	15 breaths/minute
	*O ² Saturation:	95 %
	Comment:	40
		Confirm Exit





Associate Device: FETALINK

From the Census view, select the room location by clicking on the room number under Monitored Location.

1. The Single Patient view opens with the tracings displayed. From the toolbar, select Monitor Association.



Monitor Association × Scan the patient's wristband Confirm monitor and patient details for 01 Patient To be Monitored Scan patient to be monitored Search for patient Patient Search 2. Scan the device barcode Monito ₿ FM-NIAG-CMON01 (34) Association Start Today, Now Modify Scan or search for additional monitor Monitor Search 3. Click Apply Cancel

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7 BMDI Associate Device

Refer to FetaLink Training Guide for instructions on disassociating fetal monitoring device and finalizing fetal tracings