

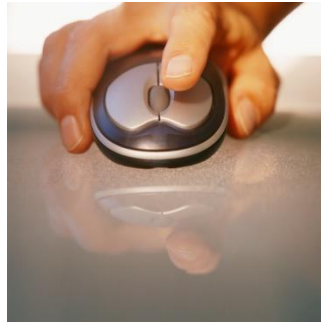


**ORIENTATION  
FOR  
NURSING FACULTY**  
at  
MedStar Good Samaritan Hospital  
&  
MedStar Union Memorial Hospital  
**PART III**

**2018-2019**

Revised July 2018  
JAB

# **Medconnect News for Clinical Instructors**



# Medconnect Documentation

Electronic documentation was instituted at all MedStar Hospitals in 2009. In April 2013, Computerized Physician Order Entry (CPOE) was added to the electronic medical record. All instructors must attend a Medconnect II training class. Classes are offered in the summer and may be offered periodically, as needed, to orient new instructors.

An Instructor's training guide for Medconnect is available in both computer labs.

## Student Documentation

- Please review the PowerPoint on the pages in this section of the Faculty manual.
- Student documentation will be limited to better allow students to focus their assessment
- Students at MGSB will only document in the following sections of IVIEW/I&O:
  - **Adult Quick View**
  - **Adult System Assessment**
  - **Adult Skin, ADL and Nutrition**
  - **Lines, Tubes and Drains**
  - **Patient Education**
  - **MAR**
- **Faculty/clinical instructors must “authenticate” (sign) all student documentation**

## Medication Administration – MAR available on Menu

- Instructors will communicate to the nurse caring for the patient on the unit the plan of care for the patient i.e. if a student is to administer medications
- All medication administered must be documented using the **Care Mobile (MC75)** for Positive Patient Identification (PPID)
  - Students will **SAVE** their medication and instructors will **WITNESS and SIGN** off on each medication
- Patient response to PRN medications and untoward responses to scheduled and STAT medication must be documented
  - Pain reassessment will be completed within 30 minutes for IV pain medication
  - Pain reassessment will be completed within 1 hour for po pain medication

## Observation Patients (2 Midnights)

- Must have vital signs documented every 4 hours
- A note must be written every 4 hours
- Must be discharged within 2 midnights

## Discharge Instruction

- Students must document any teaching performed in preparation for discharge
- Refer to the on-line procedure for patient discharge instructions

## *Documentation Remaining on Paper:*

- Consent Forms
- Swallow Assessment
- Monitoring Strips
- Consults
- Physician progress notes
- ICU/CCU Documentation



MedStar Health

Student Documentation at MedStar  
Good Samaritan and MedStar Union  
Memorial Hospital

June 1, 2013



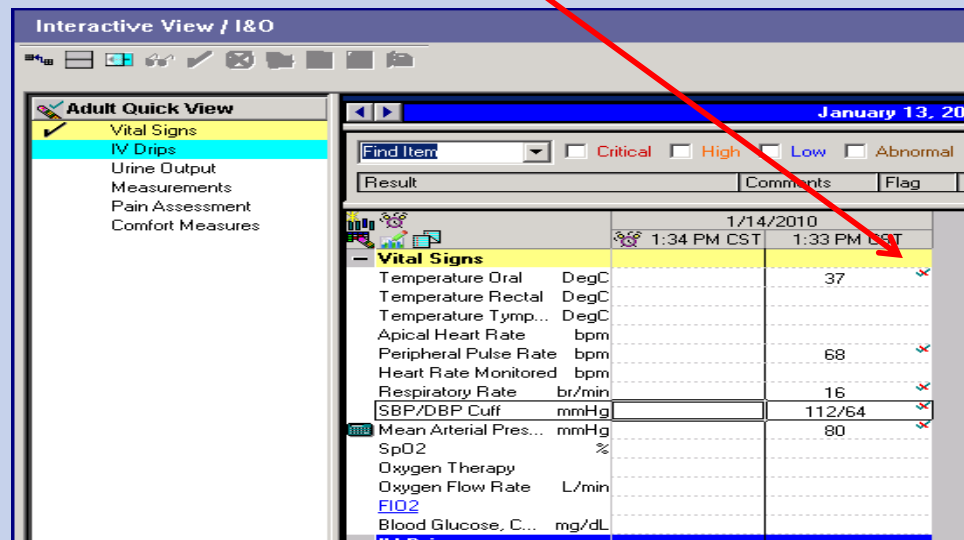
# Student Documentation

- Students will be allowed to view all parts of the patient's medical record.
- Students will only document in the following sections of IView/I&O:
  - Adult Quick View
  - Adult System Assessment
  - Adult Skin, ADL and Nutrition
  - Lines, Tubes and Drains
  - Patient Education
  - MAR

**Clinical Instructors must authenticate all student documentation**

# Student Documentation

- Student documentation in IView will be signed by the student user (just as the RN would sign with the checkmark)
- Upon student signing of documentation, each result displays with an unauthenticated icon.



The screenshot shows the 'Interactive View / I&O' window for 'January 13, 2011'. The left sidebar lists 'Adult Quick View' categories: Vital Signs, IV Drips, Urine Output, Measurements, Pain Assessment, and Comfort Measures. The main table displays vital signs data for 1/14/2010. A red arrow points to a checkmark icon in the 'Flag' column for the 'Temperature Oral' row.

Result	Comments	Flag	D
1/14/2010			
1:34 PM CST 1:33 PM CST			
<b>Vital Signs</b>			
Temperature Oral DegC	37	✓	
Temperature Rectal DegC			
Temperature Tym... DegC			
Apical Heart Rate bpm			
Peripheral Pulse Rate bpm	68	✓	
Heart Rate Monitored bpm			
Respiratory Rate br/min	16	✓	
SBP/DBP Cuff mmHg	112/64	✓	
Mean Arterial Pres... mmHg	80	✓	
SpO2 %			
Oxygen Therapy			
Oxygen Flow Rate L/min			
FIO2			
Blood Glucose, C... mg/dL			
IV Drips			

- All student documentation must be authenticated by the clinical instructor

# Student Documentation

- If the student documented against a task that is tied to an activity view, the task goes to Pending Validation Status upon documentation against the task.

**Tasks**

**BROWNE, ZACHARY** **209 2**  
BW10000254 Family Practice BW20000359

Tasks appearing in this window are accurate as of 1/14/2010 4:13 PM CST. Please select the refresh button to update the display. Refresh

Date / Time	Priority	Status	Task	Details
[-] Current (6)				
1/14/2010 4:00 PM CST		Pending Vali...	Vital Signs	01/14/10 16:00:00 CST, Stop Date 01/14/10 16:00:00 CST

# Student Documentation

- The Supervising Clinician/Instructor selects this Pending Validation task from their task list and they are taken to the activity view documented by the student.

The screenshot displays the 'Interactive View / I&O' software interface. The top navigation bar shows the date range 'January 13, 2010 4:23 PM CST - January 15, 2010 4:23 PM CST'. Below this is a search bar with filters for 'Critical', 'High', 'Low', 'Abnormal', 'Unauth', and 'Flag', along with 'And' and 'Or' options. The main area is divided into two panes. The left pane, titled 'Activity View', lists 'Vital Signs' and 'Vital Signs' with a search icon. The right pane shows a detailed view of the 'Vital Signs' activity for 1/14/2010, with a time range from 4:25 PM CST to 1:33 PM CST. A table lists various vital signs with their units, values, and status indicators (checkmarks and red X's).

Vital Sign	Unit	Value	Status	Target
Temperature Axillary	DegC			
Temperature Oral	DegC	36.8	✓	37
Temperature Rectal	DegC			
Temperature Tympanic	DegC			
Apical Heart Rate	bpm			
Peripheral Pulse Rate	bpm	66	✓	68
Respiratory Rate	br/min	14	✓	16
Systolic Blood Pressure	mmHg	112	✓	112
Diastolic Blood Pressure	mmHg	60	✓	64
Mean Arterial Pressure, Cuff	mmHg	77	✓	80
SpO2	%			
Oxygen Therapy				
Oxygen Flow Rate	L/min			



## Student Documentation

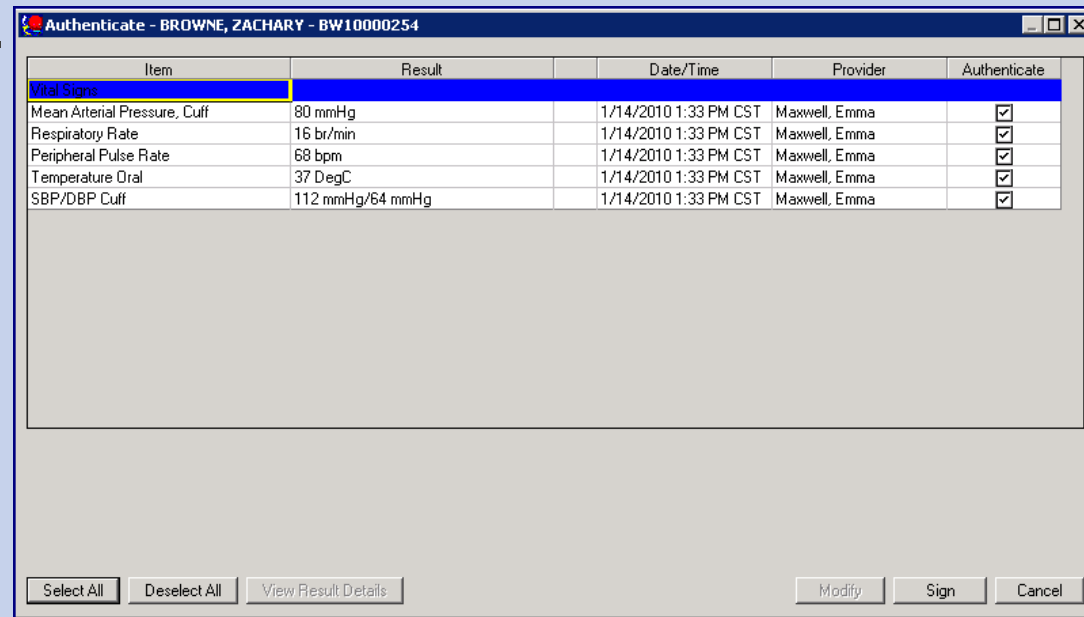
- There will be an icon in the top toolbar of Interactive View for the Supervising Clinician or Instructor to select to review unauthenticated results.
  - Selecting the Pending Validation Task icon will open the authenticate window with the activity view data to be authenticated.



# Student Documentation

- Within the Authenticate Window, the user can choose to authenticate all at one time or can Deselect All and select which items to authenticate.
- To View the Result Details or Modify: Select the result within the result column and select View Result Details or Modify.

- Sign



The screenshot shows a window titled "Authenticate - BROWNE, ZACHARY - BW1000254". It contains a table with the following data:

Item	Result	Date/Time	Provider	Authenticate
Vital Signs				
Mean Arterial Pressure, Cuff	80 mmHg	1/14/2010 1:33 PM CST	Maxwell, Emma	<input checked="" type="checkbox"/>
Respiratory Rate	16 br/min	1/14/2010 1:33 PM CST	Maxwell, Emma	<input checked="" type="checkbox"/>
Peripheral Pulse Rate	68 bpm	1/14/2010 1:33 PM CST	Maxwell, Emma	<input checked="" type="checkbox"/>
Temperature Oral	37 DegC	1/14/2010 1:33 PM CST	Maxwell, Emma	<input checked="" type="checkbox"/>
SBP/DBP Cuff	112 mmHg/64 mmHg	1/14/2010 1:33 PM CST	Maxwell, Emma	<input checked="" type="checkbox"/>

At the bottom of the window, there are buttons for "Select All", "Deselect All", "View Result Details", "Modify", "Sign", and "Cancel".

# Student Documentation

- When the Supervising Clinician/Instructor selects Sign, the results are now in an authenticated status.

		1/14/2010	
		2:17 PM CST	1:33 PM CST
<b>Vital Signs</b>			
Temperature Oral	DegC		37
Temperature Rectal	DegC		
Temperature Tympanic	DegC		
Apical Heart Rate	bpm		
Peripheral Pulse Rate	bpm		68
Heart Rate Monitored	bpm		
Respiratory Rate	br/min		16
SBP/DBP Cuff	mmHg		112/64
Mean Arterial Pressure, Cuff	mmHg		80
SpO2	%		
Oxygen Therapy			
Oxygen Flow Rate	L/min		
<a href="#">FIO2</a>			
Blood Glucose, Capillary	mg/dL		

# Student Documentation

- After the results are authenticated, the unauthenticated icon disappears and the results look like any other in IView.
- You can always right click a result and select “View Result Details” and under “action List” tab see the trail of users who have edited this documentation.

The screenshot displays a medical software interface for patient BAUCOM, CAROLINE. The patient's information includes DOB 6/14/1999, Age 11 years, Sex Female, and MRN BE10000336. A 'Result Details' window is open, showing a 'Result History' table and an 'Action List' table.

Value	Valid From	Valid Unit
37	4/6/2011 12:55 PM CDT	Current
37	4/6/2011 12:46 PM CDT	4/6/2011 12:55 PM CDT

Action	Performed By	Performed Date	Action Status	Comment	Proxy Personnel	Requested By
VERIFY	Fox, Jason	4/6/2011 12:55 PM CDT	Completed			



**October 2017** MedStar has integrated a new Infusion Management System and medical device integration system into the electronic medical record. If you did not complete training, please request an in-service at the bedside prior to initiating any infusions. A quick reference guide is below.

### Medconnect 3 Infusion Management and BMDI Quick Reference Guide

#### Key Points

- iAware serves as a dashboard that aggregates data from multiple sources into new views. Information presented in these views allows rapid review and timely clinical decision making.
- Infusion volumes from the Alaris pump appear 5 minutes after the hour (volume data). Anytime you titrate a medication, the rate change will display immediately.
- Bolus out of scope if Rates 1000/hr. RN must enter volume infused manually (go to iView I/O right click “Enter Result”)

#### Opening IAWARE

- Logon to Powerchart
- Enter your login and password
- Search patient and open chart
- Find IAware icon under the organizational Tool Bar if not visible
  - Click on down arrow on far right, select “Add or Remove”>slide to “Customize”
  - A pop up box appears allowing you to customize
  - Customize by left clicking on iAware icon (hold left click) and drag iAware icon to new location (in front of Medication Administration Wizard) so it will be visible

*Note: Your customized banner bar will save for future sign ons.*

*Note:* When you choose iAware from PowerChart, it opens that patient in iAware, if you change the patient in PowerChart, it will not automatically change in iAware. Make sure you always are documenting in the correct right patient EMR.

*Note:* To access multiple patients in iAware first, you need to create and save **Mylist**.

- Go to **MyList** (upper Left corner icon) and type “GSH” and search **for your unit**
  - find “Encounters”
  - **Save** list (upper right)

### Programming a Primary Infusion:

- Open Medication Administration Wizard(MAW) or log into MC75
- Scan patient armband
- Scan medication barcode for NS
- **If using MC75:** choose begin bag from “Add IV events” dropdown
- Complete required fields
- **If using Scanner** -Press “Program” button
  - Ready to scan message will appear
- Scan yellow sticker on pump channel
- Command line changes to “Programmed. Waiting confirmation”
- Verify rate and order are correct on pump
- Press “Start” **ON THE PUMP**
- “Confirmed Infusing” in green appears in Medconnect-Click Ok and Sign

**Note:** pump door must be closed to scan

**Note:** Starting the pump does not sign off the medication (and vice versa, signing off the med does not start the pump).

**Note:** If the “Volume to be Infused” needs to be changed, you must do it after the order is signed off. If the rate or VTBI does not match the order, that field will turn Red and display “Pump and Program Do Not Match.”

### Programming a Secondary Infusion:

- To perform a secondary infusion, a primary infusion must be running.
- Open Medication Administration Wizard (MAW) or log into MC75
- Scan patient armband
- Scan medication barcode
- Complete required fields
- Press program button
- Scan the pump
- **Press the secondary button on the pump!!!**
- NOTE: If the secondary button is not pressed, you will restart the primary.
- Verify rate and order are correct on pump
- Press “Start” **ON THE PUMP**
- “Confirmed Infusing” in green in Medconnect -Click Ok and Sign

### Programming Subsequent Medication Administration

Subsequent bags for the same order

- Open Medication Administration Wizard
- Scan patient armband
- Scan medication barcode
- Complete required fields
- Click Program button
- **Before you scan the pump, press Pause on the channel to reset your Volume**
- Scan the pump channel, “Programmed – waiting confirmation”
- Verify rate and order are correct on pump
- Press “Start” **ON THE PUMP**
- “Confirmed Infusing” in green appears in Medconnect-Click Ok and Sign

### Programming a Titratable Medication

- Open Medication Administration
- Scan the wristband
- Scan the medication
- Complete required fields
- Click Program
- Scan channel
- Verify dose and rate
- Start pump

**Note:** For titratable the volume and dose appear in yellow

- Sign Med Administration form
- Open iAware and view medication bag start

### Dose Titration

- Perform a Verbal PPID
- Make a rate change
- Open iAware
- Sign Rate change

**Note:** If medication needs a witness go back to MAR. Find the verified rate change on the MAR **(Right click, select modify to add a witness)**

### DIASSOCIATION:

**Important:** If devices are not dissociated and attached to another patient, information from the new patient will flow into the previous patient’s chart until it is associated to a new patient.

Disassociate when transferring, discharging or sending to **out of scope area.**

Even when you choose New Patient on pump, it does not disassociate unless you associate to new patient.

**It is responsibility of RN caring for patient who is leaving scope to dissociate! Don't forget look at data and sign off before dissociating.**

#### **Open iAWARE:**

- Go to “Infusion Management”
- Go to “Patient Device Association”
- Click on “Select All”
- Click Disassociate button
- Can also disassociate medication by checking **red X**

#### **Key Features in IAWARE**

Subsequent bags for the same order

- Signed Data
  - Gray=value is the same as the previous signed results
  - Black=different from previous results
- Unsigned data Purple = unsigned data
  - **Volume can NOT be seen in IView until it is signed in IAWARE**
  - **You must sign “volume infused” for each hour it was infusing**