

**Ohio Living
Matrix System
Events - Nursing**

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Events

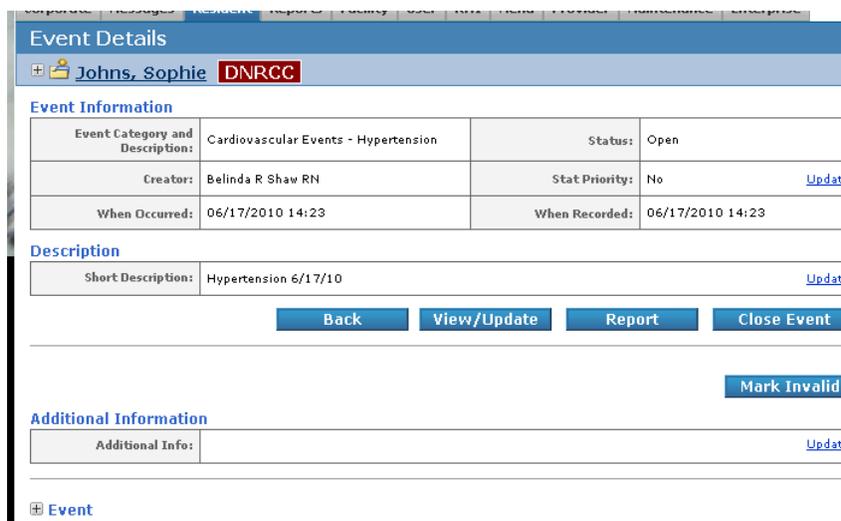
An Event is to be opened on admission (for the admitting problem), when a resident has an acute or chronic condition that warrants on-going assessment and/or monitoring or is at risk for developing an acute or chronic condition.

Viewing Events

1. With a resident already selected, click on the Events selection on the Resident Tab. The screen will list all Open Events. To view closed Events, click on [View event history](#) at the bottom of the page. When an Event is Closed, the problem has been resolved and further charting is no longer required.



2. Click on the Event Short Description to open the Event Details page.
3. To view the responses, click on the View/Update button.



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- The form will open for viewing.

- You also have the option of clicking on the “+” sign next to **Event** below the Additional Information area. The form will open for viewing, scroll to the bottom of the page and click on **Back** to return to the previous screen.

- The Work History is tracked on the side of the form. Click on **Work History** to view it.

- Scrolling to the end of the Event brings you to views of Vitals, Orders and Progress Notes. Any Vitals, Orders and Progress Notes related to the Event should be attached to it (see the Sections describing these functions in more detail). Adding Vitals, Progress Notes and Orders onto the Event automatically attaches them to the Event. Detailed vital information can be viewed by clicking on **View** next to the item. Vitals,

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Progress Notes and Orders may also be Removed from the Event by clicking on the Remove link. This will only remove them from being attached to the Event.

Vitals For This Event
Add Vitals
Associate Vitals

| # | Date/Time | Vital | Taken By | View | Remove |
|---|---------------------|---------------------------------------|-------------------|----------------------|------------------------|
| + | 06/17/2010 14:05 | Temperature: 99.0 °F | Belinda R Shaw RN | View | Remove |
| + | 06/17/2010 14:05 | Pulse: 84 per minute | Belinda R Shaw RN | View | Remove |
| + | 06/17/2010 14:05 | Respirations: 22 per minute | Belinda R Shaw RN | View | Remove |
| + | 06/17/2010 14:05 | Blood Pressure: 168 / 108 mmHg | Belinda R Shaw RN | View | Remove |

Values in **RED** indicate 'Out of Range' (*) indicates the vital has been edited

Orders For This Event
Add Order
Associate Orders

| Verify | Type | Description | Start Date | End Date | Flow Sheet | Signed | DC'd | Remove |
|--------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|-------------|--------|------|------------------------|
| | Prescription | Accuretic (hydrochlorothiazide-quinapril) tablet; 12.5 mg-20 mg; amt: 1; oral Special Instructions: Hold for systolic less than 100 BID - Twice a Day 09:00, 17:00 | 06/17/2010 | Open Ended | Medications | | | Remove |

Progress Notes For This Event
Add Note
Associate Notes

| Date/Time | Progress Note | Discipline | Created By | View | Remove |
|---------------------|--------------------------------------------------------------------------------------------------------------------|----------------|-------------------|----------------------|------------------------|
| 06/17/2010 18:00 | <i>[Recorded as Late Entry on 06/18/2010 08:10]</i> Resident has no further complaint of headache at this time. | Licensed Nurse | Belinda R Shaw RN | View | Remove |

* progress note has been edited

6/17/10

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Adding an Event

1. Click **Add Event** to add a new Event. The system will display a list of Events to be selected from. Click on the blue underlined name to open the desired Event.

The screenshot shows the 'Select Event' window for user 'Johns, Sophie' at 'DNRCC'. It features several categorized lists of events:

- Behavior And Mood Events:** [Aggressive/Combative Behavior](#), [Insomnia/Sleep Disturbance](#)
- Cardiovascular Events:** [Cardiac/CHF Event](#), [Edema of New Onset](#), [Hypertension](#), [Hypotension](#)
- Cognition/Neurological Events:** [Acute Change In Mental Status](#), [CVA](#), [Neurological Event](#)
- Musculoskeletal Events:** [Hip Replacement or Dislocation](#), [Musculoskeletal Event](#), [Total Knee Replacement](#)
- Other Events:** [Anticoagulant Therapy](#), [Chemotherapy](#), [Intravenous Therapy](#), [MP & DL Hospital Transfer Form](#), [Radiation Therapy](#), [Resident Transfer Form](#), [Rockynol Hospital Transfer Form](#), [Tracheostomy](#)

2. The date and time occurred both default to the current, edit as needed. Enter the Short Description; this should be the name of the Event and the date. In the case of a Fall or Skin Issue include the location in the short description. Click on Next.

The screenshot shows the 'Add Event' form for 'Anticoagulant Therapy' for user 'Johns, Sophie' at 'DNRCC'. The form includes the following fields:

- Event Date Occurred:** 06/18/2010
- Event Time Occurred:** 09:24
- Stat Priority:**
- Short Description:** (Empty text box with a dropdown menu and a checkmark icon)

Buttons at the bottom: **Cancel** and **Next**.

3. On the next screen, select View/Update to complete the Event. At this point you may also edit the Short Description, Mark the Observation Invalid or go Back.

The screenshot shows the 'Event Details' page for user 'Johns, Sophie' at 'DNRCC'. The event is 'Nausea/Vomiting'.

Event Information:

| | | | |
|---------------------------------|----------------------------------------------|----------------|---------------------------|
| Event Category and Description: | Metabolic/Nutrition Events - Nausea/Vomiting | Status: | Open |
| Creator: | Belinda R Shaw RN | Stat Priority: | No Update |
| When Occurred: | 06/18/2010 09:23 | When Recorded: | 06/18/2010 09:23 |

Description:

Short Description: Nausea 6/18/10 [Update](#)

Buttons: **Back**, **View/Update**, **Report**, **Close Event**, **Mark Invalid**

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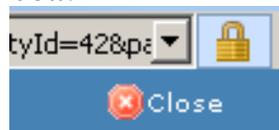
4. The form will now open in a separate window, which can be minimized (allowing you access to other parts of Matrix). The system will track who completes each answer and track that History. After completing the form, select Complete, Save or Cancel (Acuity doesn't work at this point).

The screenshot shows a web browser window displaying a form titled "Matrix Form - Microsoft Internet Explorer provided by Ohio Presbyterian Retirement". The URL is "https://oars.achivematrix.com/formsController.do?eventId=22057&pages/FormId=11411&formId=RECPODC-8864+CR0-99AP-539F793A922&formLocked=false&userId=421p". The form is for "Johns, Sophie" and is titled "Form Type: Event Form Description: Nausea/Vomiting". It shows the date "When Occurred: 05/18/2010 09:23" and "When Recorded: 05/18/2010 09:23". There are buttons for "Complete", "Acuity", "Save", and "Cancel". The form is divided into sections, including "Section 1" with an "Initial Progress Note related to this Event:" field, an "ASSESSMENT" section with a list of symptoms (Abdominal Pain, Change in Bowel Habits, Constipation, Diarrhea, Fever, Flatulence, Indigestion/Heartburn, Nausea, Pain with Defecation, Reflux, Vomiting, Weakness, Other, None of the Above), and a "Mental Status" section with checkboxes for Agitation, Anxiety, Restlessness, and Sleepiness. There are also "Question Drivers" and "Work History" links for each section.

5. To change the font as displayed on the screen, click on the smallest or largest font button. The middle one will restore you to the default font size.



6. The following are tips for completing an Event.
- If you select Other, the box will open and permit you to add a short explanation.
 - Square checkboxes allow you to make multiple selections. Round Radio buttons allow selecting only one answer.
 - Be sure to enter the name of the family member you notified.
 - When an Event is Saved, sections that have been completed are locked, but further documentation can be done in blank sections. When an Event is Completed ("Assessment Complete" box checked at the bottom of the Event), the Event cannot be modified unless the Undo-Complete button is selected. At that point, unanswered questions may be answered by anyone and questions answered by the author may be changed.
 - Always** close the Observation form by clicking on the Close button in the top right-hand corner of the window.



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A full set of vital signs is required when every event is opened initially, then as indicated below on each shift.

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><u>Behavior and Mood Events</u> - None Aggressive/Combative Behavior Insomnia/Sleep Disturbance</p> | <p><u>Cardiovascular Events</u> - BP Pulse q Shift Cardiac/CHF Edema of New Onset Hypertension Hypotension</p> |
| <p><u>Cognition/Neurological Events</u> - Full Set q Shift Acute Mental Status Change (increased confusion, fear, paranoia, anxiety, lethargy) CVA Neurological event (Alzheimer's, debility, head injury, generalized weakness, MS, Parkinson's, seizure disorder)</p> | <p><u>Genitourinary/Digestive Events</u> - Temp q Shift Constipation Diarrhea Renal Disorder (BPH, dialysis, kidney disease) Urinary Tract (UTI, indwelling catheter, hematuria)</p> |
| <p><u>Metabolic/Nutrition Events</u> (See Below) Decreased Fluid Intake/dehydration Risk - Full Set q Shift Fever of Unknown Origin -Temp q Shift Hyperglycemia-Significant Hypoglycemia At Risk for Weight Loss Nausea/Vomiting Tube Feeding (new gastric tubes, tube feeding changed, tube feeding difficulty) Swallowing Difficulty (new or changed diet secondary to dysphagia)</p> | <p><u>Musculoskeletal Events</u> - Temp q Shift Musculoskeletal Event (fractures, compression fracture, spinal stenosis) Hip replacement or Dislocation Total Knee Replacement</p> |
| <p><u>Other Events</u> - (See Below) Anticoagulant Therapy (elevated PT/INR) Chemotherapy - Temp q Shift Intravenous Therapy Radiation Therapy - Temp q Shift Tracheostomy Resident Transfer Form</p> | <p><u>Pain/Discomfort Events</u> - Full Set q Shift Pain</p> |
| <p><u>Respiratory/EENT Events</u> - Temp q Shift Irritated/Inflamed Eyes Respiratory Status (bronchitis, COPD, pneumonia, respiratory infection)</p> | <p><u>Safety Events</u> Adverse Drug Reaction - Full Set q Shift Elopement Falls - Full Set q Shift for 72 hours Suicidal Ideation/Threat</p> |
| <p><u>Skin Integrity Events</u> - Temp q Shift Soft Tissue Event (bruise, cellulitis, DVT) Pressure Sore Rash/Lesions Skin Tear/Laceration/Surgical Wound Stasis Ulcer</p> | <p><u>Episodic Occurrence</u> - As indicated Episodic Occurrence (unusual occurrence requiring short term monitoring)</p> |

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Adding Vitals, Orders and Progress Notes

Vitals, Orders and Progress Notes can be added by clicking on the button at the bottom of the page (see the sections describing these functions). You also have the option of Associating Vitals, Orders or Progress Notes that have already been entered into Matrix. To do this click on the appropriate Associate button.

The screenshot shows three sections of the Matrix System interface:

- Vitals For This Event:** Includes an 'Add Vitals' button and an 'Associate Vitals' button (highlighted with a red arrow). Below is a table with columns: Date/Time, Vital, Taken By, View, and Remove. A message states: "No vitals have been recorded for this event."
- Orders For This Event:** Includes an 'Add Order' button and an 'Associate Orders' button. Below is a table with columns: Verify, Type, Description, Start Date, End Date, Flow Sheet, Signed, DC'd, and Remove. A message states: "No orders matched criteria."
- Progress Notes For This Event:** Includes an 'Add Note' button and an 'Associate Notes' button. Below is a table with columns: Date/Time, Progress Note, Discipline, Created By, View, and Remove. A message states: "There are no associated progress notes."

At the bottom, there are buttons for 'Event Work History', 'Mark Invalid', and 'Back'.

Vitals, Orders or Progress Notes from seven days prior to the Event will be available to associate to the Event. Check the box next to the desired vital or note to attach it.

The 'Associate to Event' dialog box displays a table of orders available for association:

| Add | Type | Description | Start Date | End Date | Flow Sheet | Signed | DC |
|--------------------------|--------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------------|--------|----|
| <input type="checkbox"/> | Prescription | Coumadin (warfarin) tablet; 2 mg; amt: 2 mg; oral Special Instructions: Alternate with 3 mg Tues, Thu, Sat, Sun Once A Day on Mon, Wed, Fri 18:00 | 06/10/2010 | Open Ended | Anti-Coagulant | X | DC |
| <input type="checkbox"/> | Prescription | Coumadin (warfarin) tablet; 3 mg; amt: 3 mg; oral Special Instructions: Alternate with 2mg Mon, Wed, Fri Once A Day on Sun, Tue, Thu, Sat 18:00 | 06/10/2010 | Open Ended | Anti-Coagulant | X | DC |
| <input type="checkbox"/> | Prescription | Deltason (prednisONE) tablet; 5 mg; amt: 5 mg; oral TID - Three Times A Day Early Morning, Early Afternoon, Late Evening | 06/15/2010 | 06/19/2010 | Medications | X | DC |

A red arrow points to the 'Add' checkbox for the first Coumadin order.

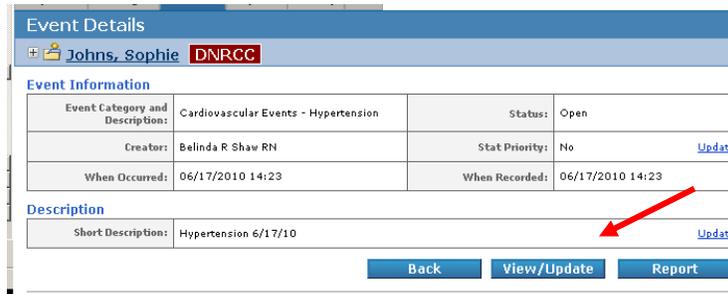
Save in Process/Marking Complete

If you are unable to complete the Event, it can be saved and finished later. To save it, click on the Save button at the top of the form. When an Event is Saved, any question or blank that has been completed is available to only the author for editing.

The screenshot shows the Matrix Form interface for an event titled "Hypertension" for patient "Johns, Sophie". The form is currently in "Section 1" and shows "Initial Progress Note related" content. At the bottom of the form, there are four buttons: "Complete", "Acuity", "Save", and "Cancel". A red arrow points to the "Save" button.

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To go back and complete the Event, open the Event and click on View/Update.



Event Details

Johns, Sophie DNRCC

Event Information

| | | | |
|---------------------------------|--------------------------------------|----------------|---------------------------|
| Event Category and Description: | Cardiovascular Events - Hypertension | Status: | Open |
| Creator: | Belinda R Shaw RN | Stat Priority: | No Update |
| When Occurred: | 06/17/2010 14:23 | When Recorded: | 06/17/2010 14:23 |

Description

| | |
|--------------------|---------------------------------------------|
| Short Description: | Hypertension 6/17/10 Update |
|--------------------|---------------------------------------------|

[Back](#) [View/Update](#) [Report](#)

Closing Events

Events can only be closed by a Unit Manager or DON. Once Closed, the Event can only be viewed in Event History.

Marking Events Invalid

Once an Event has been saved, the author has the ability to mark it Invalid. Unit managers and DON's also have this capability.

1. From the Open Events screen, click on the Description of the Event you'd like to mark invalid.
2. The Event window will open, click on Mark Invalid.



Event Details

Johns, Sophie DNRCC

Event Information

| | | | |
|---------------------------------|--------------------------------------|----------------|---------------------------|
| Event Category and Description: | Cardiovascular Events - Hypertension | Status: | Open |
| Creator: | Belinda R Shaw RN | Stat Priority: | No Update |
| When Occurred: | 06/17/2010 14:23 | When Recorded: | 06/17/2010 14:23 |

Description

| | |
|--------------------|---------------------------------------------|
| Short Description: | Hypertension 6/17/10 Update |
|--------------------|---------------------------------------------|

[Back](#) [View/Update](#) [Report](#) [Close Event](#)

[Mark Invalid](#)

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- A reason and who requested is required when marking an Event invalid. Also, check the box to invalidate associated Vitals and Progress Notes as appropriate.

Corporate Messages Resident Reports Facility User RAI Menu Provider Maintenance Enterprise

Mark Event Invalid

Johns, Sophie DNRCC

Event

| | | | |
|--------------------------------------------------|----------------------------------------------------|-------------|-------------------|
| Event Type: | Cardiovascular Events | | |
| Description: | Hypertension 6/17/10 | | |
| Date/Time: | 06/17/2010 14:23 | | |
| Created Date: | 06/17/2010 14:23 | Created By: | Belinda R Shaw RN |
| Invalidation Reason: | --Select One-- | | |
| Reason Note: | --Select One-- Incorrect data Wrong resident | | |
| Requested By: | Shaw, Belinda R | | |
| Invalidate Associated Vitals and Progress Notes: | <input type="checkbox"/> | | |

Cancel Mark Invalid

- Invalidated Events will be saved in the Event history but will be grayed out.

Corporate Messages Resident Reports Facility User RAI Menu Provider Maintenance Enterprise

Event History

Johns, Sophie DNRCC

Start Date: 05/19/2010 End Date: 06/18/2010 Search

| Date/Time | Form | Short Description | Creator | Completed? | Close |
|------------------|-----------------|----------------------------------------------------|-------------------|------------|-----------------------|
| 06/18/2010 09:23 | Nausea/Vomiting | Nausea 6/18/10 | Belinda R Shaw RN | ✔ | Close |
| 06/17/2010 14:23 | Hypertension | -- INVALID -- Hypertension 6/17/10 | Belinda R Shaw RN | | |

[View current open events](#)