

The Infection Control Advisor (ICA) is a documentation tool used by Infection Preventionists to capture healthcare-associated infections (HAI) for reporting to the National Healthcare Safety Network (NHSN).

## Infection Control Advisor

Patients who populate the ICP Worklist with an HAI or Reportables Risk will have a hyperlink to access the ICA. Infection Preventionists will also have the ability to open from the menu within the patient's chart. The content of the ICA will change based upon the type of risk associated.



➤ The advisor is divided into three categories: **Identify Risk**, **Select Criteria**, and **Evaluate Event**.

### ➤ Identify Risk

- Advisor History
  - Click the radial button to **Set Event**.
  - **Type** by selecting the appropriate option from the dropdown.
- Microbiology
  - Placing a checkmark in the **HAI/CAI** column to associate the lab test will auto populate the date in the **Event Date** field.
  - Select the **Pathogen #** from the dropdown and the susceptibility guide will display.
    - The pathogen selected should be in an **Auth (Verified)** state to avoid additional work when the result is finalized.



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<table border="1"> <thead> <tr> <th>Path Name:</th> <th>Path #:</th> <th>AMK</th> <th>AZT</th> <th>CEFEP</th> <th>CEFOT</th> <th>CEFTAVI</th> <th>CEFTAZ</th> <th>CEFTOTAZ</th> <th>CEFTRX</th> <th>CIPRO</th> <th>COL</th> <th>DORI</th> <th>DOXY</th> <th>ERTA</th> <th>GENT</th> <th>IMI</th> <th>IMIREL</th> <th>LEVO</th> <th>MERO</th> <th>MERVAB</th> </tr> </thead> <tbody> <tr> <td rowspan="3">ENTEROBACTER CLOACAE COMPLEX (Gram Negative)</td> <td rowspan="3">#1</td> <td>N</td> <td>N</td> <td>S</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>S</td> <td>S</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>S</td> <td>N</td> <td>N</td> <td>S</td> <td>R</td> <td>N</td> </tr> <tr> <td>MINO</td> <td>MOXI</td> <td>PB</td> <td>PIPTAZ</td> <td>TETRA</td> <td>TIG</td> <td>TMZ</td> <td>TOBRA</td> <td></td> </tr> <tr> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>N</td> <td>S</td> <td>N</td> <td></td> </tr> </tbody> </table>								Path Name:	Path #:	AMK	AZT	CEFEP	CEFOT	CEFTAVI	CEFTAZ	CEFTOTAZ	CEFTRX	CIPRO	COL	DORI	DOXY	ERTA	GENT	IMI	IMIREL	LEVO	MERO	MERVAB	ENTEROBACTER CLOACAE COMPLEX (Gram Negative)	#1	N	N	S	N	N	N	N	S	S	N	N	N	N	S	N	N	S	R	N	MINO	MOXI	PB	PIPTAZ	TETRA	TIG	TMZ	TOBRA													N	N	N	N	N	N	S	N												
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- The remaining categories will display information pertinent to the event type selected. The Infection Preventionist can select data to include, then click **Next** to advance.

The screenshot shows a web application interface with a tree view on the left and a table on the right. The tree view includes categories like 'Labs for Advisors (0)', 'Incision/Wound (0)', 'Lines, Tubes, and Drains (1)', 'Lines (0)', 'Tubes (1)', 'Artificial Airway (0)', 'Chest Tubes (0)', 'Gastric Tubes (0)', 'Drains (0)', and 'Surgical Procedures (0)'. Under 'Tubes (1)', 'Urinary Catheter (1)' is expanded. The table below shows the details for the selected urinary catheter.

	Name	Type	Description	Location	Insertion D/T	Total Duration (calendar days)	Unit Origin	Discontinue D/T	Present on Admission
<input checked="" type="checkbox"/>	Urinary Catheter	Coude	18 French	Ureteral	02/05/2021 13:28	134	NL MAINE COAST HOSPITAL MS 218 01	--	<input type="checkbox"/>

At the bottom of the interface, there are buttons for 'Next', 'Save', 'Sign', and 'Print'.

### ➤ Select Criteria

Infection Preventionists will select all relevant options and click **Next**.

The 'Select Criteria' dialog box is shown with three main sections: 'Signs and Symptoms (IC Urinary Tract Infection) 02/09/2021', 'Laboratory and Diagnostics (IC Urinary Tract Infection) 02/09/2021', and 'X-Ray (IC Urinary Tract Infection) 02/09/2021'. Each section contains several checkboxes for selection.

**Signs and Symptoms (IC Urinary Tract Infection) 02/09/2021**

- Fever
- Urgency
- Frequency
- Dysuria
- Suprapubic Tenderness
- Costovertebral angle pain or tenderness
- Abscess
- Pain or tenderness
- Drainage or material
- Other evidence of infection found on invasive procedure, gross anatomic exam, or histopathologic exam

**Laboratory and Diagnostics (IC Urinary Tract Infection) 02/09/2021**

- Positive culture with no more than 2 species of organisms, at least one of which is a bacterium of  $\geq 10^5$  CFU/ml *Urine Culture ( ENTEROBACTER CLOACAE COMPLEX ) as of 02/09/2021 08:46;*
- Organism(s) identified (For USI, must be from fluid or tissue from affected site) *Urine Culture ( ENTEROBACTER CLOACAE COMPLEX ) as of 02/09/2021 08:46;*
- Organism(s) identified from blood specimen

**X-Ray (IC Urinary Tract Infection) 02/09/2021**

- Imaging test evidence of Infection

At the bottom of the dialog box, there are buttons for 'Next', 'Save', 'Sign', and 'Print'.

### ➤ Evaluate Event

- Select the **Location of Event**.
  - The display will default to the patient's registered location at the time of the event date.
- Enter **Event Details**.
- **Specify Event** information by selecting an option from each dropdown.
- Type in a **Title**, which should align with the facility naming convention.
- Add any **Comments** as needed.

- Click **Sign**.
  - Once signed, the information will be **Read Only**. If any modifications are needed, the form would need to be deleted and a new Advisor completed.

The screenshot shows the 'Evaluate Event' form for an IC Urinary Tract Infection. The form is divided into several sections:

- Location of Event (IC Urinary Tract Infection):** A table with columns for Date/Time, Facility, Unit, and Room/Bed. The first row is selected, showing 'February 02, 2021 14:03 - June 18, 2021 13:34', 'NL MAINE COAST HOSPITAL', 'MS', and '218-01'. A second row is also visible with a '-' in the Date/Time column and 'Community' in the Facility column.
- Risk Factors (IC Urinary Tract Infection):** Includes radio buttons for 'Urinary catheter status' (In Place, Removed, Neither), a dropdown for 'Location of Device Insertion' (MS), and a date field for 'Date of Device Insertion' (02/05/2021).
- Event Details (IC Urinary Tract Infection):** Includes radio buttons for 'Secondary Bloodstream Infection', 'COVID-19', 'Patient Died', and 'Post Procedure', each with 'Yes' and 'No' options.
- Specify Event (IC Urinary Tract Infection):** Includes a dropdown for 'Specific Event' (No NHSN Event - UTI), a date field for 'Date of Event' (02/09/2021), a dropdown for 'Infection Type' (Healthcare Associated Infection), and a checkbox for 'CAUTI'.
- Title (IC Urinary Tract Infection):** A text field containing 'CAUTI March 2021'.
- NHSN Comment (IC Urinary Tract Infection):** A text area with a 'Limit 2,000 characters: 2000' warning.
- Comment (IC Urinary Tract Infection):** A text area.

At the bottom of the form, there are buttons for 'Next', 'Save', 'Sign', and 'Print'.

### ➤ Delete Event

Once an event has been saved, it will be available in the **Current History** section.

- Click the **red circle** and enter a reason for the deletion.
- Click **OK**.

The screenshot shows a dialog box titled 'Deleting Advisor Instance' with a close button (X) in the top right corner. The dialog contains the following text:

You are about to "delete" an in progress Advisor. If you "delete" this Advisor and then determine you need to complete it, you will need to start a new instance of the advisor. This will re-populate those fields previously found in the surgical tables.

Please enter a reason for uncharting.

Below the text is a text input field. At the bottom right of the dialog are 'Ok' and 'Cancel' buttons.