



Invasive Device Management

User Manual

Version 1.0

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Invasive Device Management



For information about the Product environment, precautions, warnings and intended use see *USR ENG Digistat Care* and/or *USR ENG Digistat Docs* (depending on the modules installed - *Digistat Suite EU*) or *USR ENG Digistat Suite NA* (for *Digistat Suite NA*). The knowledge and understanding of the appropriate document are mandatory for a correct and safe use of IDM, described in this document.

1. Overview

The INVASIVE DEVICE MANAGEMENT module (IDM hereafter) is used to manage patient devices and nursing actions associated with devices.

To display the module:

- Click  in the side toolbar.

The following page is displayed (Fig 1).

JENNIFER, SWENSSON JS

Code: 002, Birthdate: 12/06/1980, Age: 39 years, Sex: female
Admission date: 03/01/2020, Days from admission: 0

LIST OF VASCULAR ACCESS DEVICES

Device (site)	Days (max)	Date Time (elapsed)	Operator	Activity (notes)
Device 1 (Site 1)	0 (5)	2020-01-03 10:44 (0 h)	USR	Insertion
Device 2 (Site 2)	0 (3)	2020-01-03 10:45 (0 h)	NURSE	Present at admission
Device 3 (Site 3)	0 (3)	2020-01-03 10:46 (0 h)	NURSE	Insertion

COMMAND BAR: + ADD, EDIT, REM..., + ADD, EDIT, ALL, INSITU, REM..., PRINT, EXPA...

Fig 1

Patient data is displayed at the top of the screen, in two rows (Fig 1 **A**): patient name, ID, age and sex are displayed in the first row; admission date, length of stay, weight and height are displayed in the second row.

Patient device data is displayed in the table indicated in Fig 1 **B** (see next section for a description).

A set of buttons making it possible to perform different actions is on the command bar at the bottom of the page (Fig 1 **C** - see page 5 for the description).

2. Devices list

All the devices are listed in the table shown in Fig 2. In the table columns, the following information is specified:

- Device name and site – where there are more than one of the same kind of device, they are numbered consecutively. e.g. CVC, CVC2, CVC3, ...
- Days since insertion and maximum allowed number of days, in this form: 3 (4).
- Date and time of application. If more than 24 hours have passed this row is yellow. If the maximum allowed number of days is exceeded (that is: the device is expired), this row is red.
- Name of the operator who performed the action.
- Kind of action performed or, in case of multiple actions on the same device, last action performed. User notes are displayed here as well.

Device (site)	Days (max)	Date Time (elapsed)	Operator	Activity (notes)
Device 1 (Site 1)	0 (3)	2019-01-21 01:50 (0 h)	ADMIN	Insertion (Notes on device)
Device 2 (Site 2)	0 (1)	2019-01-21 01:52 (0 h)	ADMIN	Present at admission
Device 3 (Site 3)	1 (3)	2019-01-20 12:55 (1 h)	NURSE 1	Insertion (Note)

Fig 2

The table can be either compact (as in Fig 2), or expanded (as in Fig 3).

Device (site)	Days (max)	Date Time (elapsed)	Operator	Activity (notes)
Device 1 (Site 1)	0 (3)	2019-01-21 01:50 (0 h)	ADMIN	Insertion (Notes on device)
Device 2 (Site 2)	0 (1)	2019-01-21 01:59 (0 h)	ADMIN	Activity Y
	0 (1)	2019-01-21 01:58 (0 h)	ADMIN	Activity X
	0 (1)	2019-01-21 01:52 (0 h)	ADMIN	Present at admission
Device 3 (Site 3)	1 (3)	2019-01-20 12:55 (1 h)	NURSE 1	Insertion (Note)

Fig 3

In compact mode, only the last action is displayed for a device. In expanded mode, all the actions for a selected device are displayed.

Use the **Expand** button on the command bar to expand or collapse the table.

3. Command bar

This section lists the buttons on the command bar:



Fig 4

DEVICE:

- **ADD** - add a new device
- **EDIT** - edit the data of an existing device
- **REMOVE** - remove a device

NURSING:

- **ADD** - add a new nursing action
- **EDIT** - edit the data of an existing action

FILTER:

- **ALL** - display all devices
- **IN SITU** - display only the devices in situ
- **REMOVED** - display only the removed devices

Use the **Print** button to print the configured invasive devices report.

Use the **Expand/Collapse** button to either expand or collapse the table.

4. How to add a new device

To add a new device:

- Under DEVICE, click **Add** on the command bar.

The following screen is displayed.

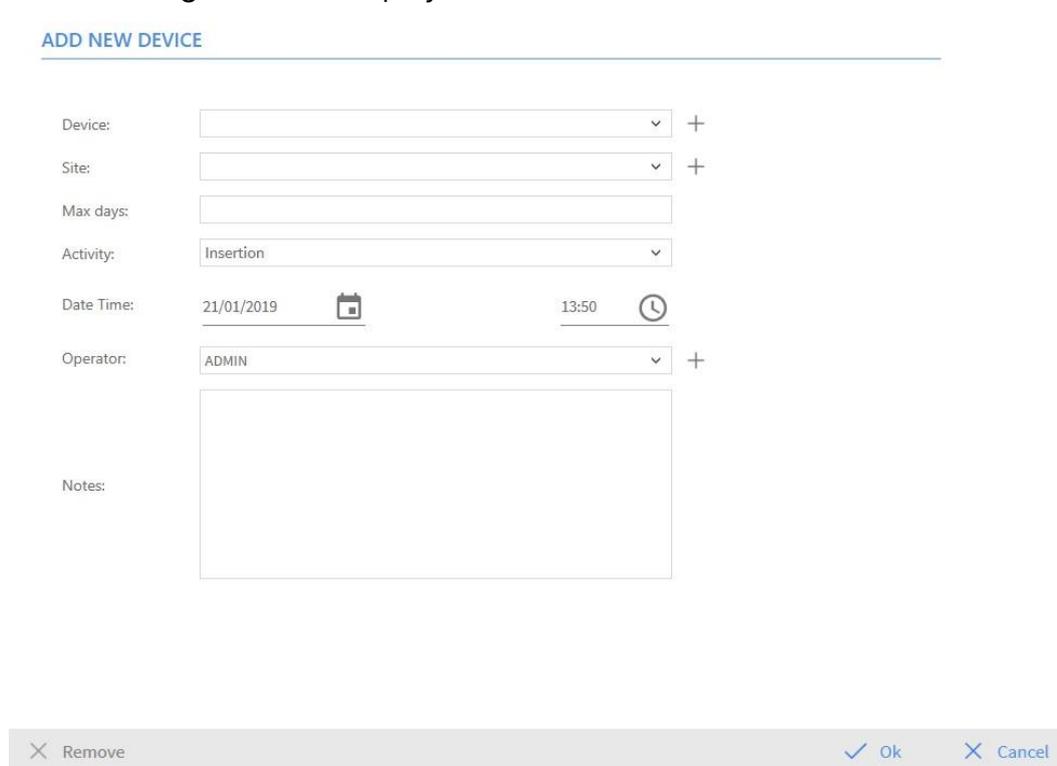


Fig 5

This screen makes it possible to specify the data for the new device. All information can be entered either by selecting the appropriate item on the drop-down menus or typing it in the relevant fields. Use the down-arrow to open the different menus. See page 10 for details on adding items to the menus. The information that can be specified here is:

- Device name.
- Site.
- Maximum allowed number of days.
- Activity performed.
- Date/time of application.
- Operator name.
- Possible notes (free text field).

- Click **OK** on the command bar to add the device.

A new row is added to the table shown in Fig 2 and Fig 3. The module's main screen is redisplayed (Fig 1).

5. How to edit the device data

To edit the data of an existing device:

- In the table, click the row corresponding to the relevant device.
- Under DEVICE, click **Edit** on the command bar.

A screen is displayed, containing the data for the selected device.

- Edit the data.
- Click **OK** on the command bar.

The module's main screen is redisplayed (Fig 1).

6. How to remove a device

To record the device removal:

- In the table, click the row corresponding to the relevant device.
- Under DEVICE, click **Remove** on the command bar.



The row corresponding to the device is not deleted. The device is flagged as "removed".

7. How to delete an inserted device

To delete one of the inserted devices:

- In the table, click the row corresponding to the relevant device.
- Under DEVICE, click **Edit** on the command bar.

A screen is displayed, containing the data for the selected device.

- Click **Delete** on the command bar.

A confirmation is requested.

- Click **YES** to delete the device.

The module's main screen redisplayed (Fig 1). The row corresponding to the deleted device is no longer displayed.

8. How to add a nursing activity

To add a new nursing activity:

- In the table, click the row corresponding to the device to which the nursing activity refers.
- Under NURSING, click **Add** on the command bar.

The following screen is displayed.

ADD NEW NURSING

Device: Device 2

Site: Site 2

Max days: 1

Activity: Activity X

Date Time: 21/01/2019 13:58

Operator: ADMIN

Notes:

Remove Ok Cancel

Fig 6

This screen makes it possible to specify the data for the new nursing activity. The fields at the top of the screen (Fig 6 **A - Device, Site, Max days**) refer to the device and cannot be edited here.

The **Activity, Date/Time** and **Operator** fields (Fig 6 **B**) can be specified either by selecting the appropriate item from the drop-down menus or by typing it in the relevant fields. Use the down-arrows alongside the fields to open the different menus. See page 10 for details on adding items to the menus. If necessary, use the **Notes** box to add notes as free text.

- Click **OK** on the command bar to add the nursing activity.

A new nursing activity is added to the device and is displayed in the device row as the most recent action. The module's main screen is redisplayed (Fig 1).

9. How to edit a nursing activity

To edit the data for an existing nursing activity:

- Click **Expand** on the command bar to display all nursing activities.
- Click the row corresponding to the nursing activity to be edited.
- Under NURSING, click **Edit** on the command bar.

A screen is displayed, containing the data of the selected nursing activity.

- Edit the data.
- Click **OK** on the command bar.

The module's main screen is redisplayed (Fig 1).

10. How to delete a nursing activity

To delete an existing nursing activity:

- Click **Expand** on the command bar to display all nursing activities.
- Click the row corresponding to the nursing activity to be deleted.
- Under NURSING, click **Edit** on the command bar.

A screen is displayed, containing the data of the selected nursing activity.

- Click **Delete** on the command bar.

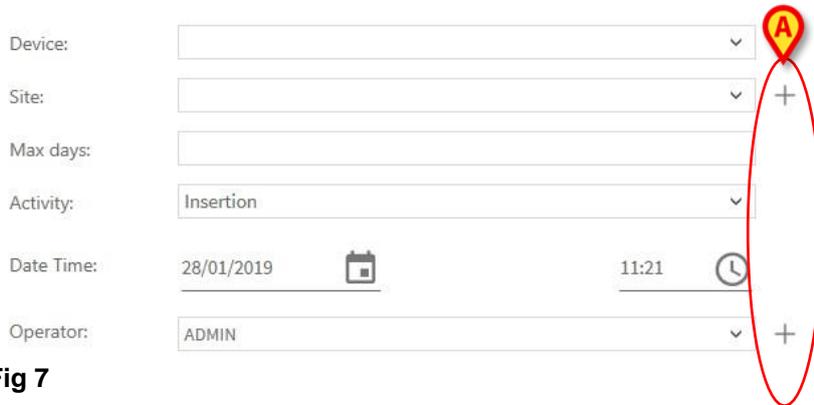
A confirmation is requested.

- Click **Yes** to delete the nursing activity.

The module's main screen is redisplayed (Fig 1). The row corresponding to the deleted activity is no longer displayed.

11. Adding an item to a drop-down menu

Whenever the + (plus) symbol is present, it is possible to add a new item to an existing drop-down menu, so that the item is ready to be selected in the future (Fig 7 **A**).



Device: [] +
Site: [] +
Max days: []
Activity: Insertion []
Date Time: 28/01/2019 [] 11:21 []
Operator: ADMIN [] +

Fig 7

To add a new item to an existing drop-down menu:

- Click + alongside the relevant field.

The field changes in the way shown in Fig 8.



Device: [] ✓ ✕

Fig 8

- Type the item's name in the selected field (either **Device** or **Site** or **Activity** in Fig 7).



Device: Device Example [] ✕

Fig 9

- Click ✓ **Ack** (Fig 9 **A**).

The item is inserted in the relevant drop-down list and is available for selection from that moment on for all patients (Fig 10 **A**).



Device 1
Device 2
Device 3
Device Example

Fig 10