



# **Digistat Smart Central**

## **Quick Reference Guide**

**Version 3.0**

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**Digistat® Smart Central version 7.2**

Digistat® Smart Central is manufactured by Ascom UMS srl (<http://www.ascom.com>).

Digistat® Smart Central is a Class II medical device in accordance with 21 CFR §870.2300 provided by the FDA and therefore it is to be installed, configured, maintained and used in US only.

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This document is a Quick Reference Guide to some of the main Digistat Smart Central product features and functionalities.



This is not the Digistat Smart Central product user manual, and it does not fully describe all the product's features and functionalities. See the Digistat Smart Central user manual for complete instructions on the product's features and functionalities.

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# 1. Start-up procedure

## 1.1 Digistat Smart Central installation

The Digistat Smart Central product can only be installed by Ascom UMS technicians or technicians explicitly authorized by Ascom UMS. The end-user will find the system already installed and properly configured on his/her workstation.

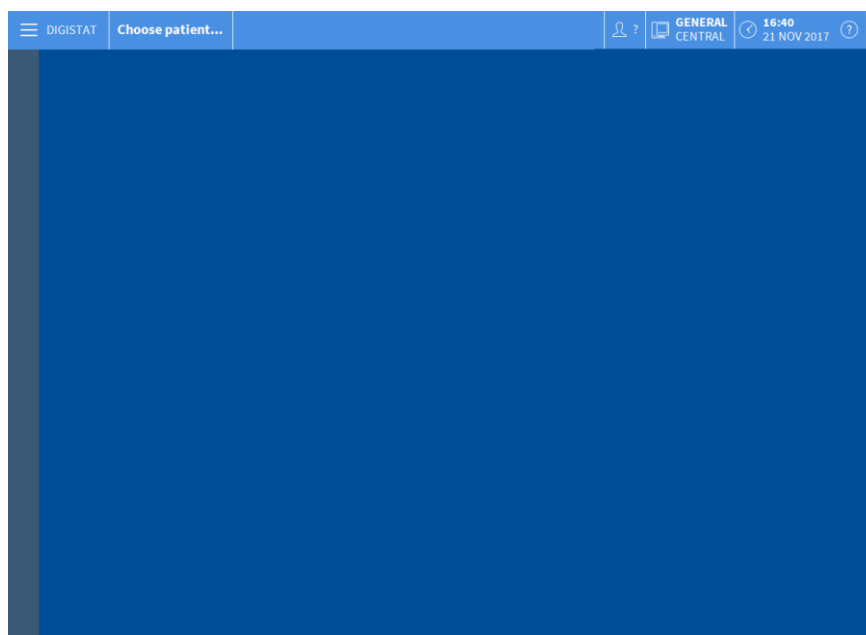
## 1.2 How to run Digistat Smart Central

To run Digistat Smart Central

- Double click the  icon on the workstation desktop.

A start-up window is displayed while the system is loading.

After a few seconds, the Digistat Smart Central work area is displayed (Fig 1).



**Fig 1**

### 1.3 Log In procedure

To use Digistat Smart Central user login is required. I.e. the user must insert his/her credentials (user name and password). To log in, at the beginning of every work session,

- Click the **User** button indicated in Fig 2 **A**. The following screen is displayed.

**Fig 2**

Then,

- Insert the username in the “User Name” field (Fig 2 **B**).
- Insert password in the “Password” field (Fig 2 **C**).
- Click the **Ok** button (Fig 2 **D**).

The user is this way logged. An acronym indicating the user currently logged is displayed on the **User** button on the control bar (the acronym is “ADM” in Fig 3).



**Fig 3**

### 1.3.1 How to disable the automatic user log out (“User lock” functionality)

If the system remains idle for a certain time (configurable), the user is automatically logged out. To disable this functionality it is necessary, after username and password specification and before clicking **Ok**,

- Click the **Lock** button on the “Log in” screen command bar (Fig 4 **A**).



**Fig 4**

If the user is locked, a padlock is shown at the bottom of the user icon (Fig 5).



**Fig 5**

## 1.4 Log out

The user, to close a work session with Digistat Smart Central, must “log out” from the system.

To log out

- Click the **User** button on the command bar (Fig 6 and Fig 2 **A**).



**Fig 6**

The user acronym disappears from the **User** button.



## 2. Digistat Smart Central unavailability

In case the workstation (including mobile devices) where Digistat Smart Central is installed encounters issues when connecting to the server, a specific information message is displayed.

Digistat Smart Central tries to recover automatically. If automatic recovery fails, it is necessary to contact the technical assistance.



It is responsibility of the Healthcare Organization using Digistat Smart Central to define an emergency procedure to put into effect in case of system unavailability. This is necessary to

1. Make it possible for the departments to keep on working
  2. Restore as soon as possible the system to full availability (back-up policy is part of this management).
- 

Ascom UMS/Distributor offers full support for the definition of such procedure. See section 10 for the contacts list.

### 3. Digistat Smart Central main screen

The “Smart Central” screen displays an overview of the situation of each patient in the ward (Fig 7).



**Fig 7**

The screen is divided into rectangular areas, named “Bed Cards” (Fig 7 **A**). Every area refers to a bed and displays information on the devices connected to the patient admitted to that bed. By default, only the data referring to alarmed beds is displayed, and only data relating to alarms is displayed. A bed is alarmed if at least one of the devices connected to the bed is alarmed. If multiple alarms occur at the same time on the same bed, the alarm with the highest priority is notified.

It is possible to display all the available data (both referring to the non-alarmed beds and referring to the non-alarmed devices on the alarmed beds) by clicking the “VALUES” button on the command bar (Fig 7 **B**).

#### 3.1 Bed Cards

Each “Bed Card” displays some of the data provided by the devices connected to the patient (Fig 8). The kind of data displayed depends on the design and configuration of the device.

If the “Bed Card” is light blue, as in Fig 8, it means that there is at least one low priority alarm, and no medium and/or high priority alarms, coming from the connected devices.

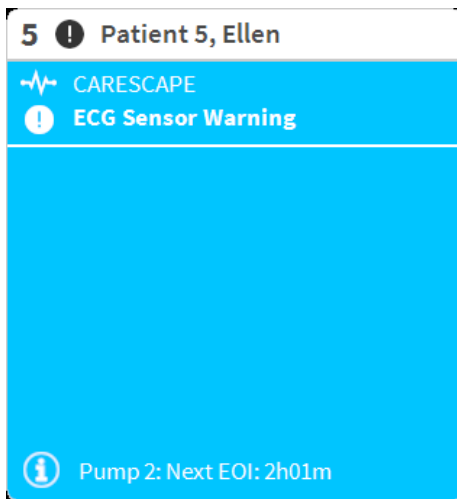


Fig 8

If the “Bed Card” is yellow, as in Fig 9, it means that there is at least one medium priority alarm, and no high priority alarms, coming from the connected devices.

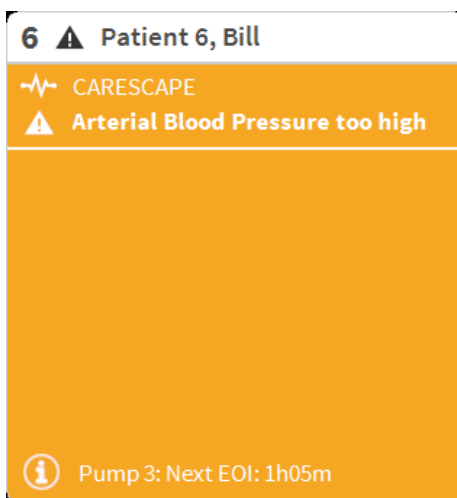


Fig 9

If the “Bed Card” is red, as in Fig 10, it means that at least one of the connected devices is in high priority alarm state.

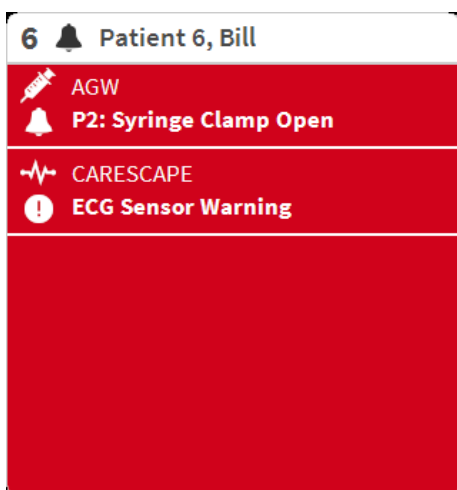
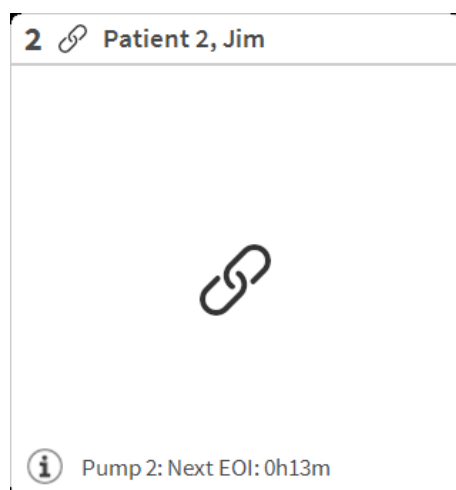
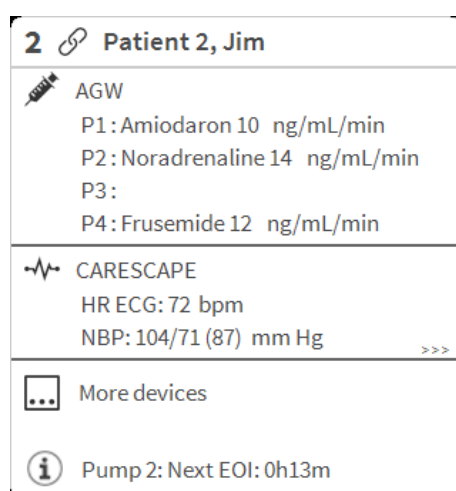


Fig 10

The connected beds from which no alarms are received appear as in Fig 11. No device data is displayed as this might distract the reading of possible alarms occurring on the other beds.

**Fig 11**

To display device data on these devices, click the **Values** button on the command bar (Fig 7 B). The “Bed Card” will appear as in Fig 12.

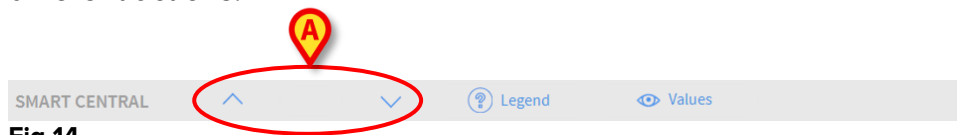
**Fig 12**

Disconnected beds are displayed as in Fig 13.

**Fig 13**

### 3.2 The Digistat Smart Central command bar

The buttons on the command bar of the Digistat Smart Central make it possible to perform different actions.



**Fig 14**

The arrow buttons (Fig 14 **A**) make it possible to scroll up and down the screen when it is not possible to display all the configured “Bed Cards” at the same time.

When one (at least) of the non-displayed “Bed Cards” is notifying an alarm, the corresponding button takes the color corresponding to the alarm priority level (blue = low; yellow = medium; red = high).

In case of multiple alarms the arrow color corresponds to the highest priority notified.

An icon can be displayed in the box between the arrow buttons (Fig 15). It indicates that there is an alarm on one of the “Bed Cards” currently displayed.



**Fig 15**

The **Legend** button displays a reference-window indicating the meaning of all the different icons that can be found while using the software.

The **Values** button displays all the available data (both referring to the non-alarmed beds and referring to the non-alarmed devices on the alarmed beds).

### 3.3 Events list

It is possible to display a detailed list of all the events occurred in a bed.

To display the events list:

1 – Click a Bed Card to display the patient events.

**John, Doe** Male 14 y MRN: 123456789

CDSS Driver - ASCOM

Carescape B450 - GE  
HR ECG: 64 bpm  
Art: 117/83 (94) mm Hg  
NIBP: 131/80 (97) mm Hg  
SPO2 Art: 88 %

Evita 4 - Dräger  
RR: 20.67 bpm  
PEEP: 74 cm H2O  
PI mean: 12 cm H2O  
VTe: 360.92 mL  
MVe: 4.35 L/min

**Alarms and events** Vital signs Charts Waveforms

Range: 1 Hour 6 Hours 12 Hours 1 Day 7 Days

Event: all

Devices: all

Time	Device	Description
14:13	NIBP	NIBP Sensor Fault
14:13	HR	HR High
14:13	HR	HR High
14:13	HR	HR High
14:13	HR	HR High
14:13	HR	HR High
14:11	HR	HR High
14:11	HR	HR High
14:11	HR	HR High
14:11	HR	HR High
14:06	EtCO2	EtCO2 Low
14:06	EtCO2	EtCO2 Low
14:02	SpO2	SpO2 Low
14:02	SpO2	SpO2 Low

SMART CENTRAL Legend

The patient events are displayed on the right.

#### 3.3.1 Add user event

1 – Click the **New** button (A)

**Alarms and events** Vital signs Charts

Range: 1 hour 6 hours 12 hours 1 Day 7 days all

Event: all

Devices: all

Time	Device	Description
09:23	Patient	Patients temporary disconnected
09:22	Amiodarone	Amiodarone 50 mg/mL
08:22	Values	Anormal Values
07:33	Patient	Patient reporting difficulties breathing
05:26	Monitor	Changed patient monitor settings

SMART CENTRAL Legend

The following window is displayed.

- 2 - Type the note in the “Note description” field (A).
- 3 - Click **Save** (B).

### 3.3.2 Edit user events

To edit a user event, on the events grid:

- 1 - Click the row corresponding to the user event
- 2 - Click **Edit** on the action bar.

The window shown in the above figure is displayed.

- 3 - Edit the event (Date/time, priority, description).
- 4 - Click **Save**.

### 3.3.3 Delete user events

To delete a user event, on the events grid:

- 1 - Click the row corresponding to the user event.
- 2 - Click **Delete** on the action bar. User confirmation is required.
- 3 - Click **Yes** to delete the event.

The corresponding row disappears from the events grid.

## 3.4 Dashboard configuration

If the Digistat Smart Central is configured as a “Dashboard” Smart Central, some additional functionalities are available. These are the “Vital Signs” and “Charts” functionalities.

Both functionalities are accessible from the “Events list” (Fig 16 A).

Time	Device	#	Description
12:22	ECG	✕	End: ECG Sensor Warning
12:22	ABP	✕	End: Arterial Blood Pressure too high
12:21	ABP	🔔	Arterial Blood Pressure too high
12:21	ECG	🔔	ECG Sensor Warning

Fig 16

3.4.1 Vital Signs

- Click the Vital Signs button to activate the “Vital Signs” functionality (Fig 17 A).

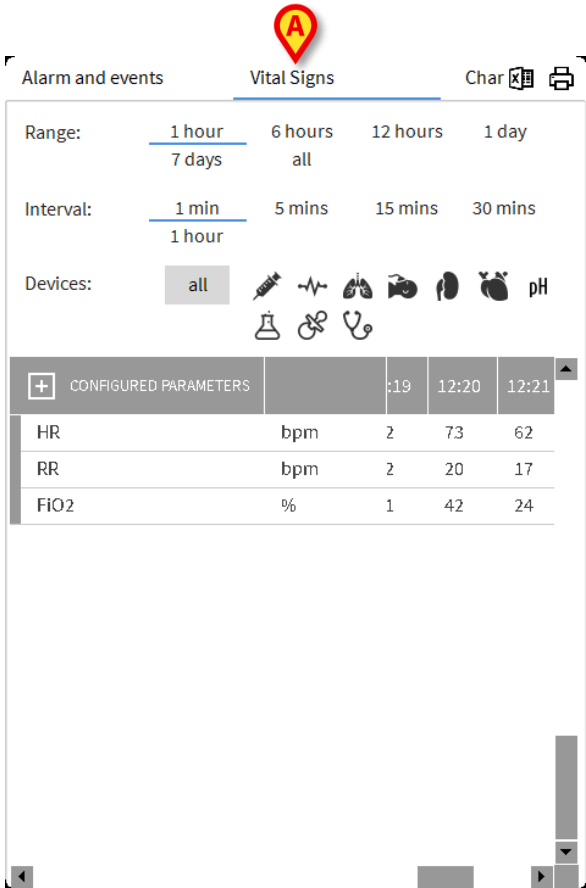


Fig 17

“Vital signs” makes it possible to display in a table some selected patient parameters (Fig 18). The displayed parameters are defined by configuration. In the table they are grouped by acquisition device.

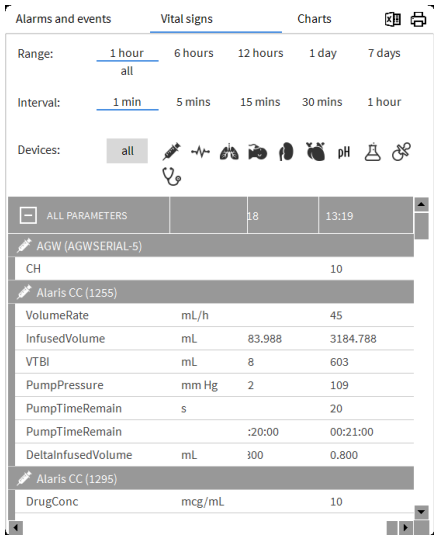
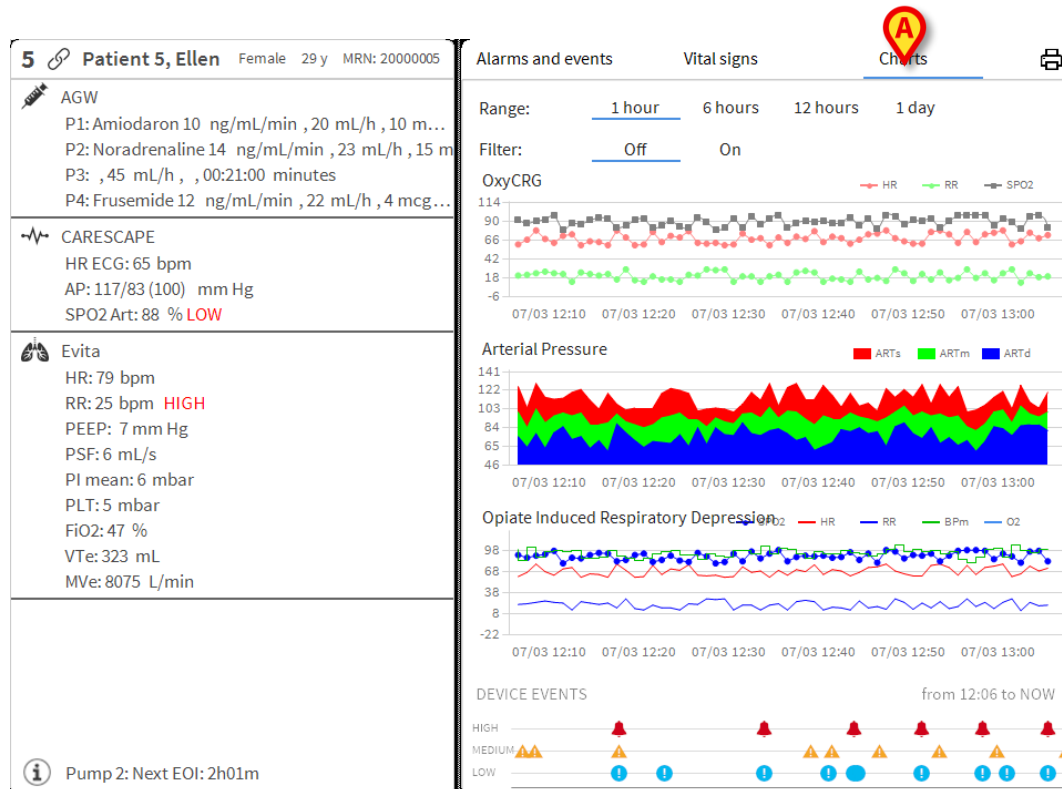


Fig 18



### 3.4.2 Charts

- Click the **Charts** button to activate the “Charts” functionality (Fig 19 **A**).

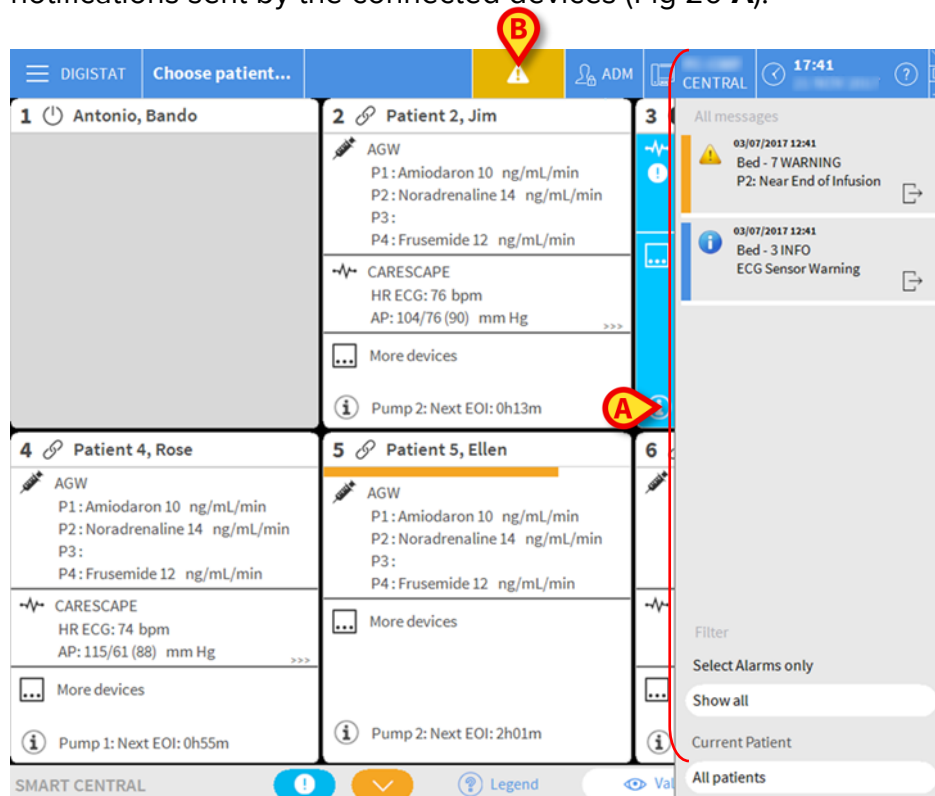


**Fig 19**

“Charts” makes it possible to display different charts drawn from the acquired parameters. The charts show the configured parameters as trends. The number of charts, their contents and names are defined by configuration.

### 3.5 Notification area

A notification area is displayed on the right of the “Smart Central” screen, reporting various notifications sent by the connected devices (Fig 20 **A**).



**Fig 20**

The notification area can be, by configuration:

- Always visible
- Automatically displayed when a new notification comes
- Only visible after user click on the notifications button on the Control Bar (Fig 20 **B**).

The different messages are displayed in chronological order (most recent on top) and by criticality (High priority alarms on top, then medium priority, then low priority).

Each notification is characterized by the colour corresponding to the priority level (red for high priority, yellow for medium priority, blue for low priority).

4. Alarms notification (summary)

By default, the Digistat Smart Central screen displays the device data on a bed only if there is an alarm notification coming from at least one of the devices connected to that bed.

In a condition of “No notifications” the “Smart Central” screen would appear as in Fig 21, where five connected “Beds” are displayed and no devices on any of the beds is in alarm state.

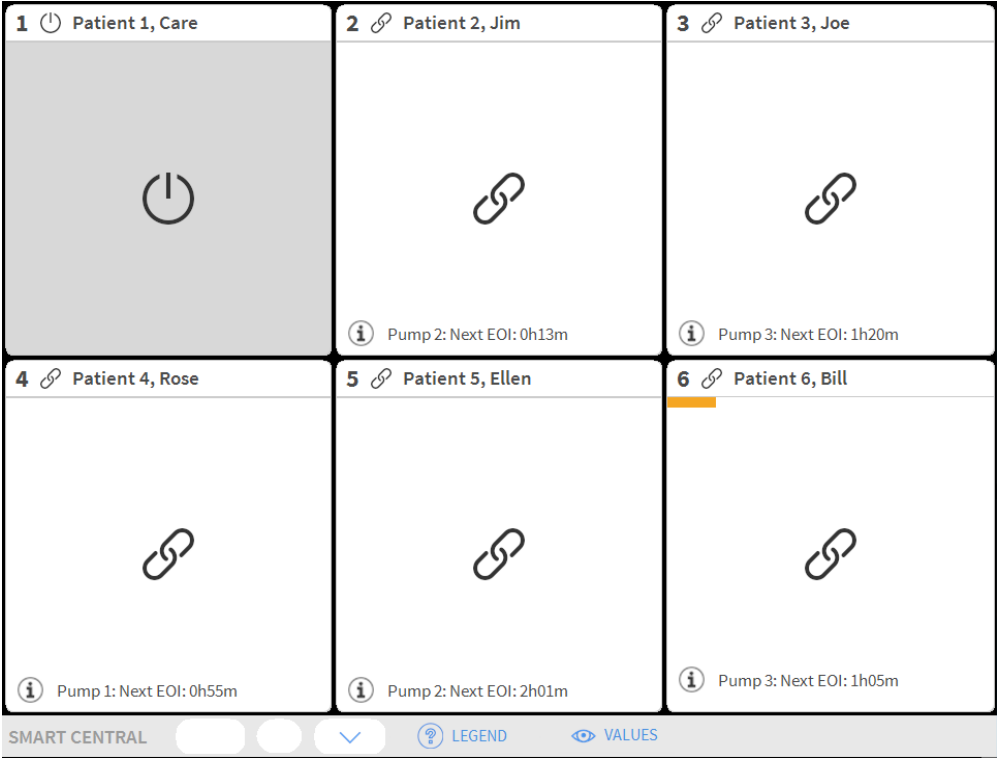
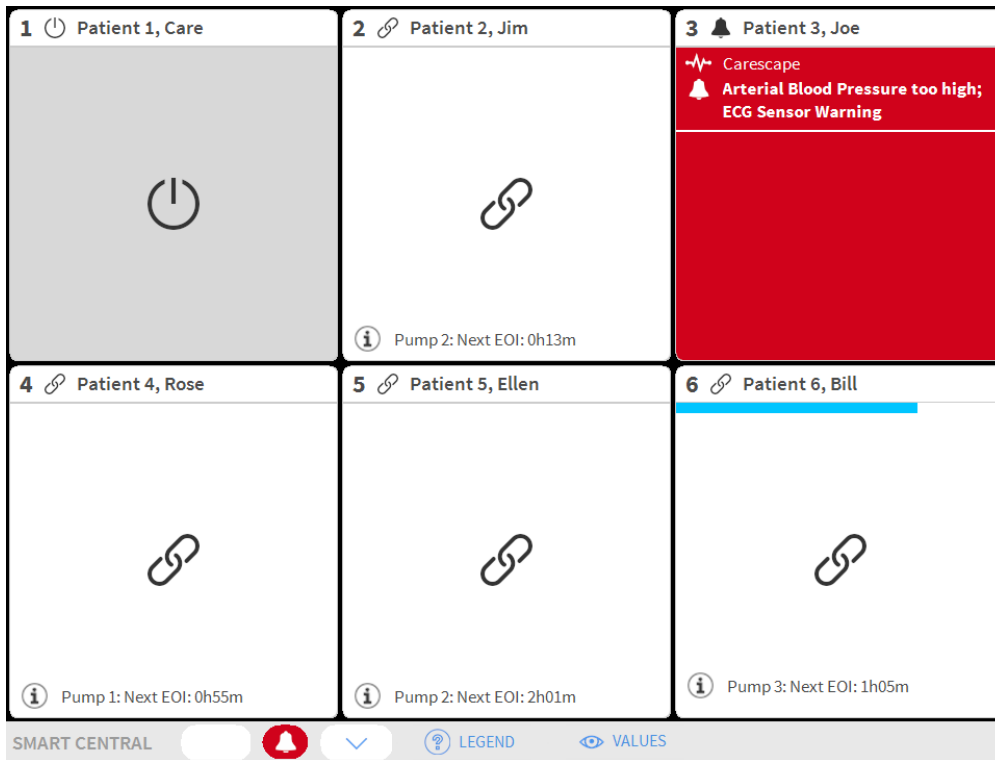


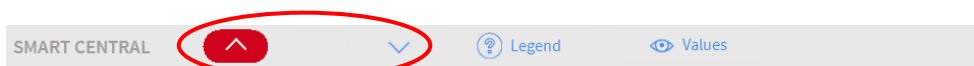
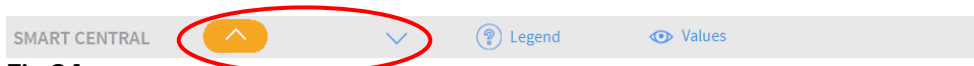
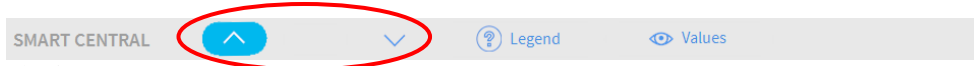
Fig 21

Each time an alarm occurs on one of the devices, the data relating to the bed to which the device is connected is displayed. In Fig 22, for instance, bed 3 is notifying a high priority alarm. A short text specifying the kind of alarm occurring is displayed on the “Bed Card”.

**Fig 22**

In addition, a sound notification is provided. Three different sounds exist, one for each alarm priority level. In case of multiple alarms, the sound corresponding to the one with highest priority is provided.

The occurrence of alarms is also notified on the command bar by the arrow-buttons indicated in Fig 23, Fig 24 and Fig 25.

**Fig 23****Fig 24****Fig 25**

An icon can be displayed between the arrow buttons (Fig 26). It indicates that there is an alarm on one of the “Bed Cards” currently displayed.

**Fig 26**

A visual feature on the upper bar on each “Bed Card” keeps temporarily track of the last alarm notified after the “Bed Card” has changed to a different priority level alarm (or no alarm). This makes it possible to be aware of alarms occurring and rapidly passing.

When the state of a “Bed Card” changes to a lower level alarm (or no alarm), the color relating to the previous alarm (Fig 27) remains on the heading bar for a certain configurable time.

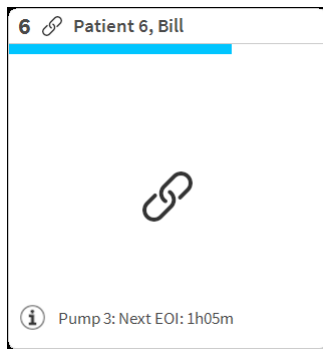
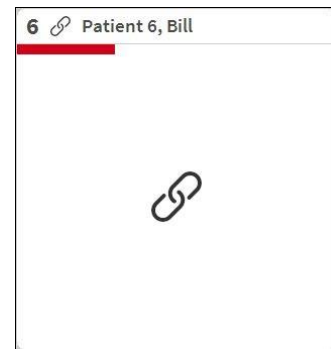
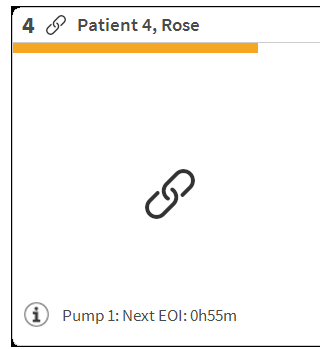


Fig 27



## 4.1 Alarms notification on Control Bar

Alarms are also notified on the Control Bar, so that they are always visible.



Fig 28

The button color depends on the alarm priority level (cyan=low; yellow=medium; red=high). For high and medium priority alarms, the button flashes.

- Click the button to display the notification area (Fig 28 **A**)

The notification disappears when the alarm conditions no longer exist.

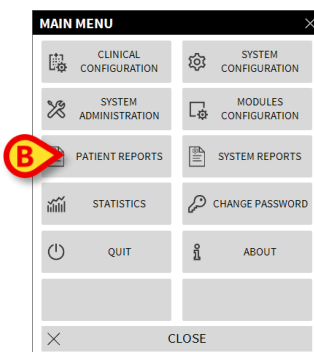
### 4.1.1 Alarms statistics

To print an Alarm statistic report:

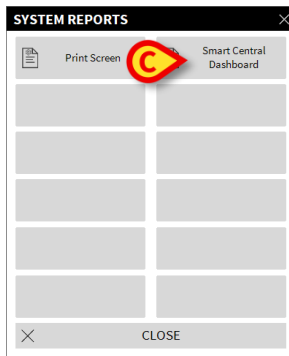
- 1 - Click the **Menu** button on “Control Bar” (**A**).



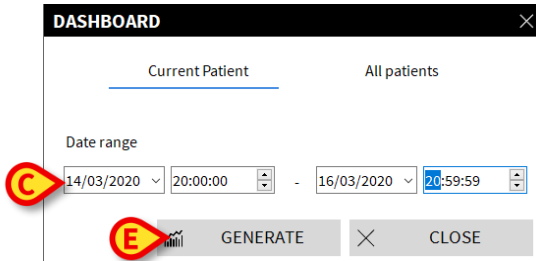
The following menu opens:



- 2 - Click on **System Reports** (**B**). Another menu opens.




3 - Click **Smart Central Dashboard** (C). The following window opens.



Select the date range for either the current patient or all patients (D).

4 - Click the **Generate** button (E). A print preview is displayed.

#### 4.1.2 “Privacy Blind” mode on smart central video

If the Smart Central video functionality is activated for a patient, the “Privacy Blind” feature allows the user to turn off the webcam either permanently or for a certain time interval. If the Privacy Blind mode is enabled, then no video stream is viewed. The “Privacy Blind” mode is disabled by default. The “Privacy Blind” mode is indicated by the  icon. To activate the “Privacy Blind” permanently:

1 - Click the relevant Bed Card to enter the patient detail screen.

2 - Select **On** on the upper bar (A).

Privacy blind: Off  on 5 mins 15 mins 30 mins

To activate the “Privacy Blind” for a pre-defined period:

2 – Select the wanted period on the upper bar (5 mins, 15 mins, 30 mins).

#### 4.1.3 Display Waveforms

To display the Waveforms screen:

1 - Click the relevant Bed Card to enter the patient detail screen.

2 – Click **Waveforms** on the upper bar.

## 5. Sound Check procedure

When Smart Central is started, it provides a specific sound indicating that the sound notification of alarms is working properly.

If the sound is not provided the user can perform a “Sound Check” procedure. To perform the “Sound Check” procedure

- Click the **Menu** button on Control Bar (Fig 29)



Fig 29

The following menu is displayed (Fig 30).

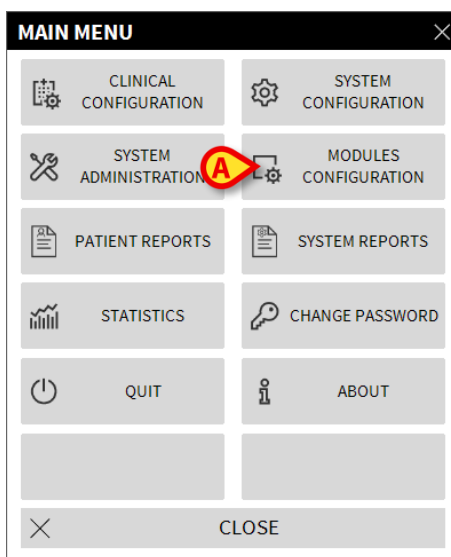


Fig 30

- Click on **Modules Configuration** (Fig 30 A)

The following menu opens (Fig 31).

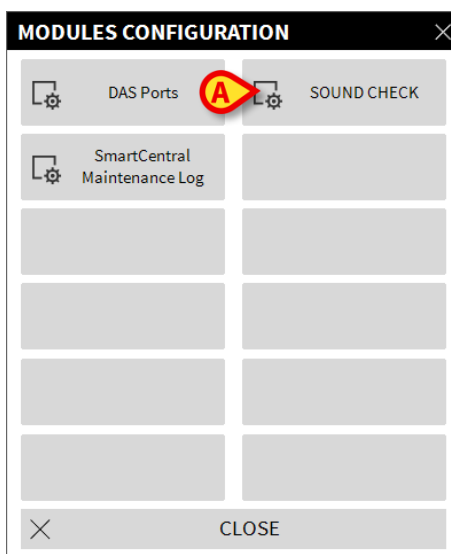


Fig 31

- Click on **Sound Check** (Fig 31 A)

A pop-up window opens, asking whether a sound is heard or not from speakers.

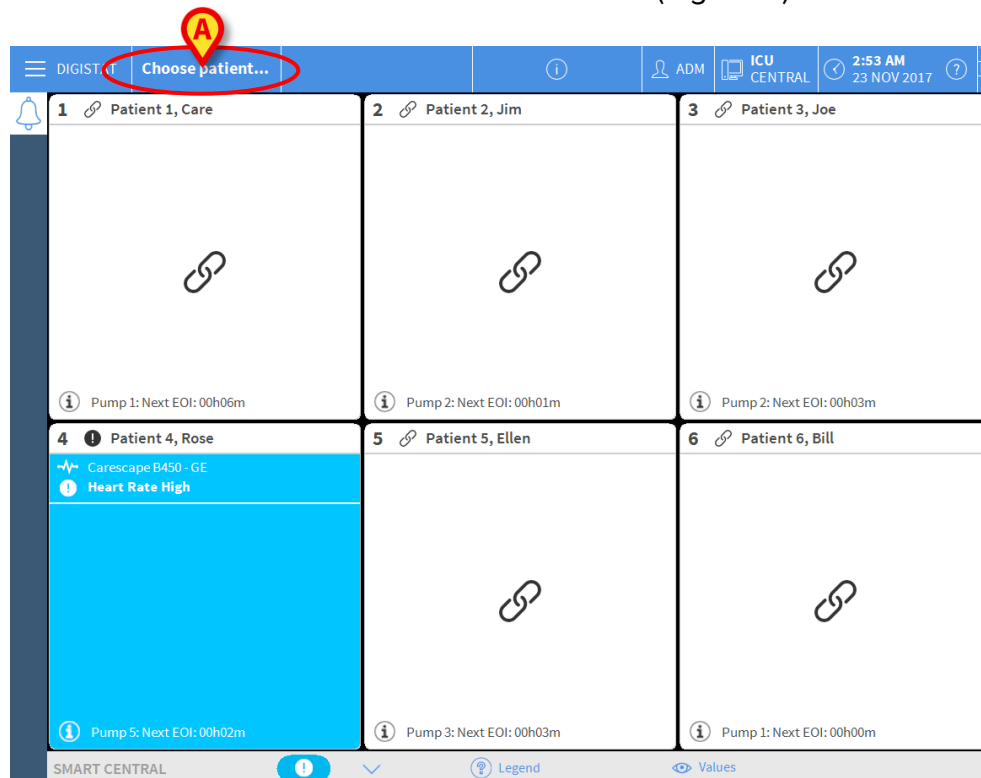
If a sound is heard, then click **Yes**. The pop-up window disappears and nothing else happens (meaning that the Digistat Smart Central is working correctly).

If no sound is heard, then click **No**. The pop-up window disappears and a notification is displayed on the Control Bar, meaning that an error occurred while checking the sound notification system.

## 6. Patients management

To access the Patients management functionalities

- Click the **Patient** button on Control Bar (Fig 32 A).



**Fig 32**

The screen displayed after clicking this button depends on the chosen configuration.

If the list of admitted patients is not displayed by default, to display the list of admitted patients:

- Click the **In Bed** button on the command bar.

The list of beds configured in the domain is this way displayed.



## 7. Digistat Mobile

### 7.1 Login

To login to Digistat Mobile

- Touch **Login** on the lower-right corner of the “Applications list” screen (Fig 33 **A** or Fig 34 **A**)

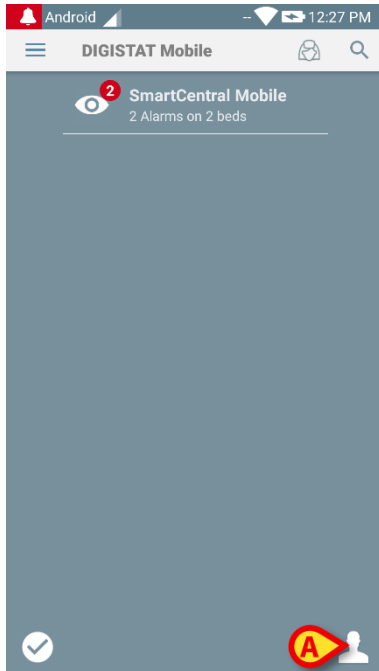


Fig 33

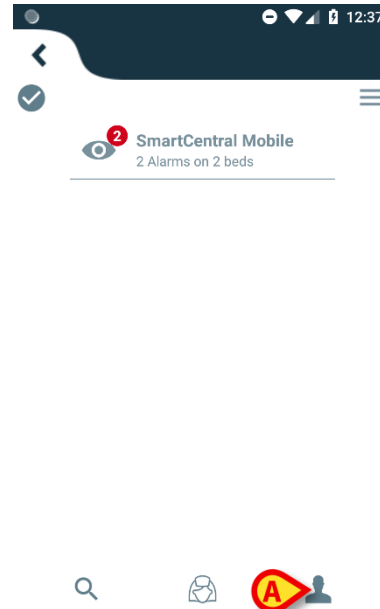


Fig 34

The following screen will be displayed (Fig 35 or Fig 36)

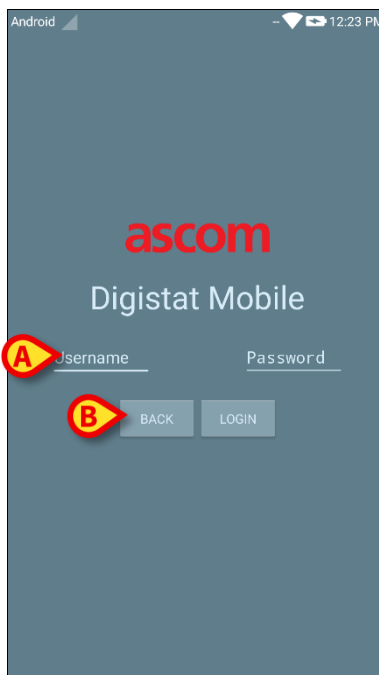


Fig 35

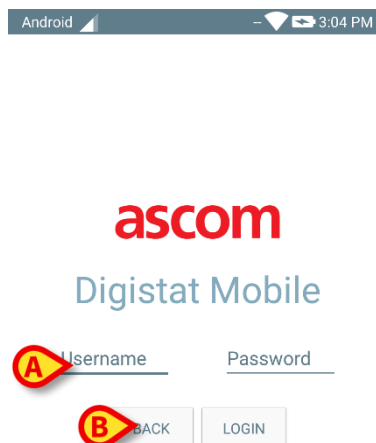


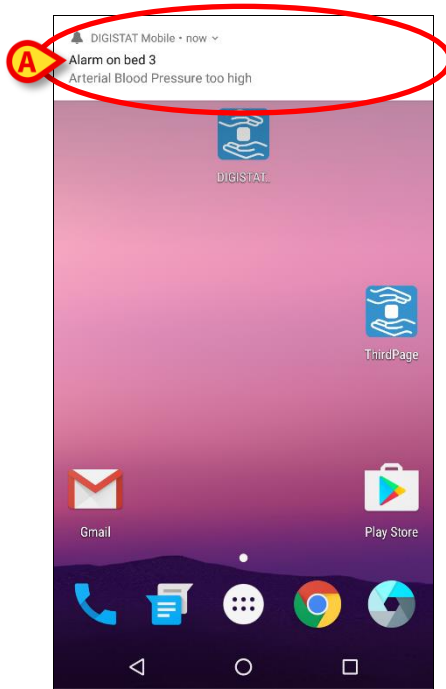
Fig 36

- Insert username and password (Fig 35 **A** or Fig 36 **A**).
- Touch the **Login** button (Fig 35 **B** or Fig 36 **B**)

## 7.2 General Notifications

Digistat Mobile provides short notifications when the application is not active as well (Fig 37 A). The highest level notification indicates the overall alarm level of the Digistat Mobile application. Actually are implemented three levels of severity for the notifications, each of them corresponding to a different color (red = high priority – yellow = medium priority – cyan = low priority); in addition a purely informative notification is foreseen just as reminder for the user (purple).

For each module a row in the notification area is foreseen. Any change in the notifications is performed within the row related to the module triggering notification change.



**Fig 37**

- Swipe the notification to make it disappear.
- Touch the notification to directly access the relevant patient.

If the alarm notification from a module is related to one patient, then by touching it the alarmed patient tab is displayed; moreover, if the alarm notification is raised for more than one patient, by touching it the list of alarmed patient is displayed.

According to the device type, notifications concurrently coming from different applications of the Product mobile suite have a different LED color behavior

- **Myco 3.** The LED always reflects the higher priority alarm at any time;
- **Non – Myco 3.** The LED reflects the latest notification color.

This means in case of multiple notifications, when swiping the higher priority one on a Myco3 device, the LED color is the one of the next notification. On non Myco3 devices, the LED is disabled after a swipe.

In addition to screen notifications, the Product can handle sound notifications by means of the device speaker and light notifications by means of the notification led.

In the case of sound notifications, the Product ever plays the notification with higher priority; if a notification is being executed and a new alarm has to be raised, then the Product restarts the notification with higher priority. Notifications with low priority level don't have any sound associated.

In case of service stop, a notification is provided to the user: it has the highest level of severity and it's not swipable.

In case of disconnection, the Product mobile client attempts to reconnect to the Product server. If this attempt fails, a not-swipable system notification is provided to the user, according to the following two different options:

- **Android previous than 8.0.** One notification, non swipable, highest priority level. The user can mute it by pushing the **Mute** button;
- **Android 8.0 and later.** Two notifications, one non swipable without sound or LED color, the second one swipable with the highest priority level, reporting useful information about the cause of the disconnection. Moreover, the second notification will not be shown anymore since the user pushes the **Mute** button.

### 7.3 Sound Check procedure

The Sound Check Procedure makes it possible to verify if the sound and vibration notification of alarms is working properly.

To perform the “Sound Check” procedure


- On the home screen of the Digistat Mobile Application, touch the  icon on the top-left corner of the screen (Fig 38 **A**)



Fig 38

The following menu will be displayed (Fig 39).

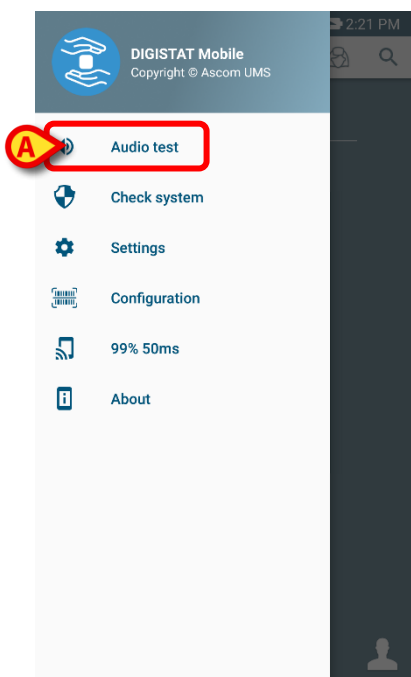


Fig 39

- Touch the **Audio test** option (Fig 39 **A**).

A test notification/sound will be this way provided (Fig 40 **A**).

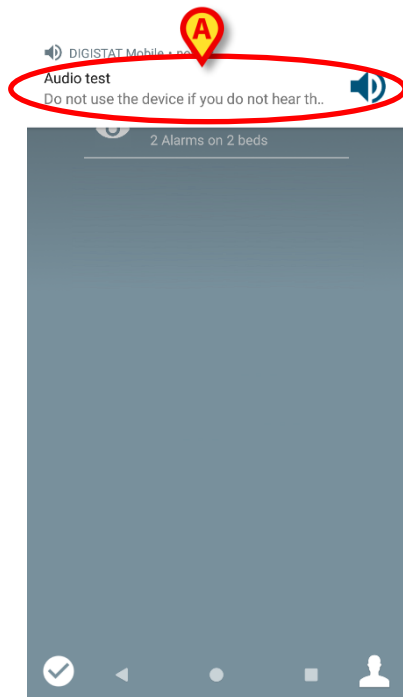


Fig 40

## 7.4 Check System procedure

The Check System menu item checks if the device running the product is properly configured and operating (i.e. all the authorizations required by Digistat Mobile application to work properly were correctly provide, if the battery health is good, etc). Moreover, the proper firmware version of the device is also checked.

To perform the Check System

- Activate the main screen of Digistat Mobile application (Fig 41).



Fig 41

- Touch the  icon on the top-left corner of the screen (Fig 41 **A**)

The following menu will be displayed (Fig 42).

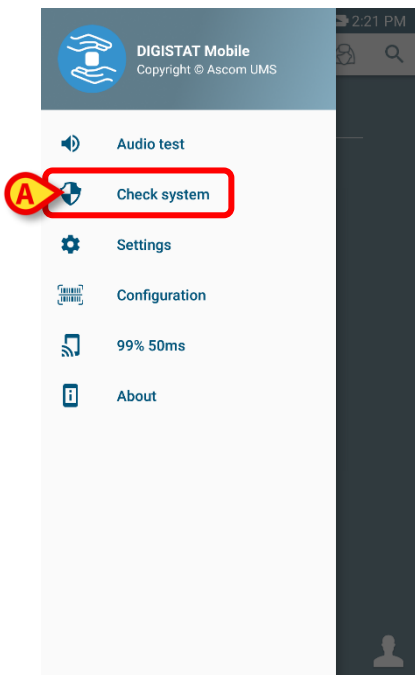


Fig 42

- Touch the **Check System** option (Fig 42 **A**).

A test notification will be this way provided, showing a reference to the missing authorizations (Fig 43). Please provide the requested authorization.

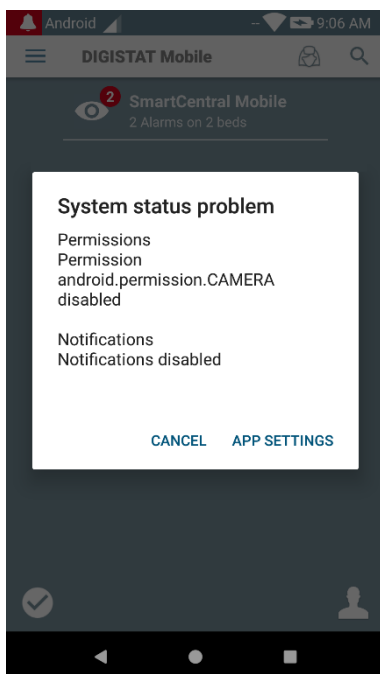


Fig 43

In addition to the above mentioned checks, the Check System raises an alert message to the user if the timestamp of Mobile client differs from the one of Mobile server. If the user touches the alarm notification related to timestamp not synchronized, then triggers the redirection to Android Settings.

## 7.5 Check Application Whitelist Procedure

Because on some devices (i.e. Android 6.0 and later, thus NOT on Myco1 / 2) an aggressive battery optimization policy is in place, foreground services might be frozen: this may also occur to Digistat applications. The Check Application Whitelist procedure is in charge to verify that Digistat Applications are in the battery optimization whitelist:

- Since this check has a negative result, a message is raised to the user suggesting to insert Digistat in the battery optimization whitelist.

The Check Application Whitelist procedure is performed in the following cases:

- During the Check System Procedure;
- Each time the Main Screen of Mobile Application is displayed.

## 7.6 Patients search functionalities

The Product implements several patients search tools. These tools can be accessed from the Patients List screen. To access the search functionalities:

- Touch the icon indicated in Fig 44 **A** for devices without Myco/Unite integration or in Fig 45 **A** for devices with Myco/Unite integration.



Fig 44

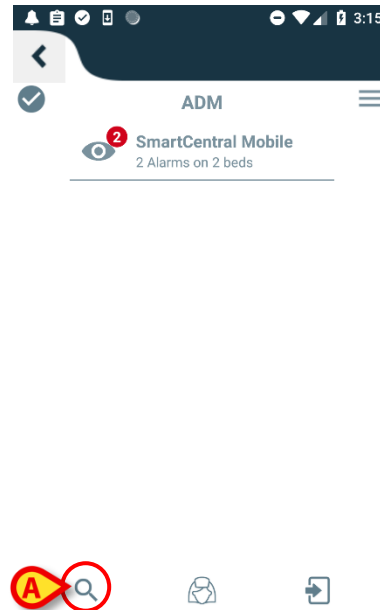


Fig 45

The following screen will open (Fig 46).

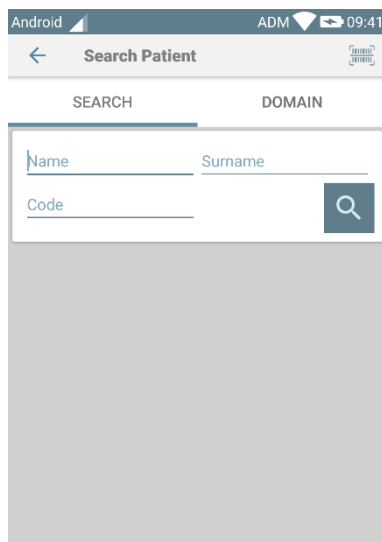



Fig 46

Three search options are available:

1. textual search (insert patient data, then click **Search**)
2. barcode scan (touch the  icon and then scan the patient's barcode)
3. NFC code scan (position the device close to the patient's Tag).

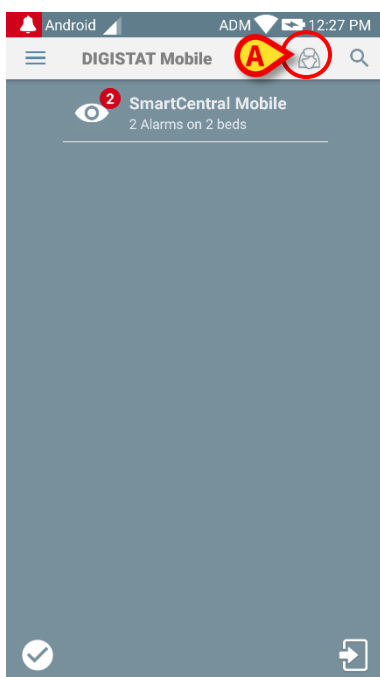


## 7.7 Patients Assignment Functionality

Patient's assignment makes it possible for a user to select one or more patients and create a group of patients who are under his charge. The name of this group in the Digistat Mobile application is "My Patients".

Since the user assigns himself some patients, the following notifications can be displayed on the handheld device:

- The notifications related to the patients assigned (i.e. in the group "My patients");
- The notifications related to the patients assigned (i.e. in the group "My patients") and those related to the patients that no one has explicitly taken in charge;
- The notifications related to the patients assigned (i.e. in the group "My patients"), those related to the patients that no one has explicitly taken in charge and those related to other patients if the devices which had them in charge "lose" them (for any reason, low Wi-Fi signal for instance).



**Fig 47**

To select the list of patients a user assigns himself and forming "My patients" list, on Digistat Mobile Central screen,

- Touch the  icon (Fig 47 **A**).

The following screen will be displayed (Fig 48 - "Setup My Patients").

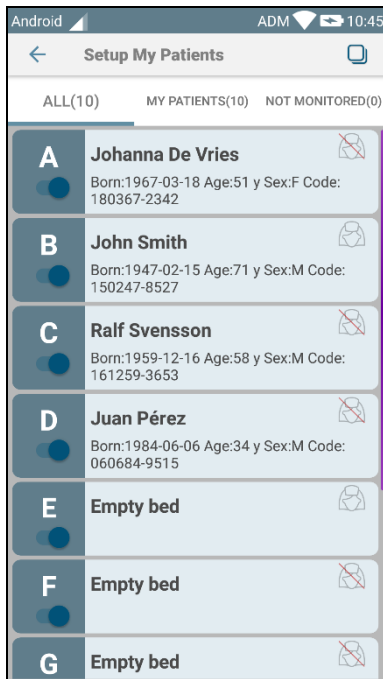


Fig 48

A patient can be selected/deselected by touching the corresponding “tile”. Each tile corresponds to a bed. In addition, the user can select or deselect all the patients by checking the box on the top right corner (Fig 49 **D**).

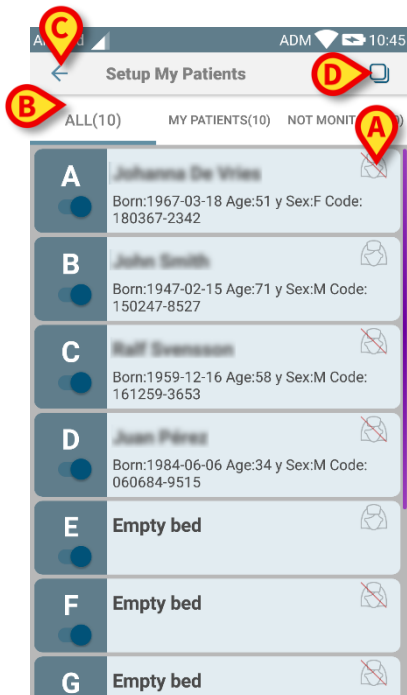




Fig 49

The icons on the right of the patient names (Fig 49 **A**) have the following meanings:


 - Patient is part of “My patients” of another user. It is still possible to select the patient. If two users select the same patient, the patient will be grouped under “My patients” for both users.

 - Patient is not monitored. I.e. another user has him/her in charge, but at the moment, due (for example) to Wi-Fi connection failure, no one is monitoring him/her.

No icon means that no one has the patient in their “My patients” list, so the patient is not monitored.

The filters indicated in Fig 49 **B** make it possible to display:

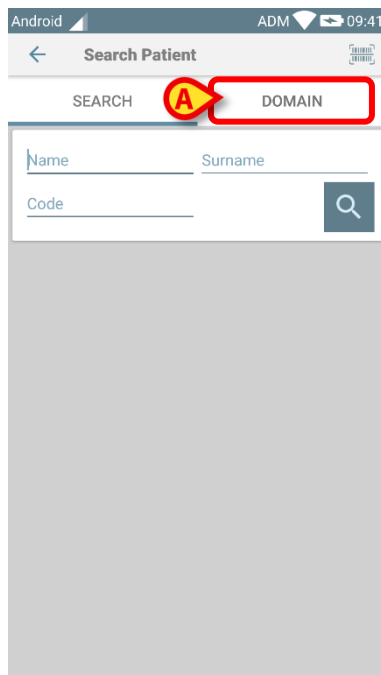
- All patients;
- Only the assigned patients;
- Only the patients that are not monitored.

The  icon indicated in Fig 49 **C** makes it possible to go back to “My Patients” list screen.

## 7.8 Single Patient Selection

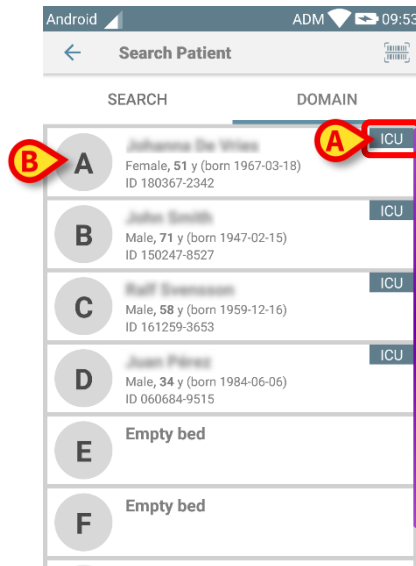
To select a single patient:

- Touch the icon indicated in Fig 44 **A** for devices without Myco/Unite integration or in Fig 45 **A** for devices with Myco/Unite integration. The following screen will appear (Fig 50 **A**):



**Fig 50**

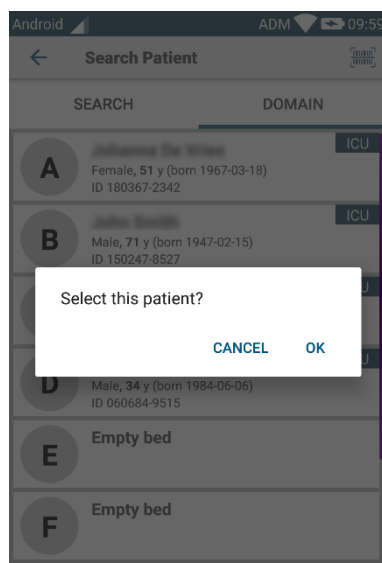
- Touch the “**DOMAIN**” tab. The following window shall appear (Fig 51)

**Fig 51**

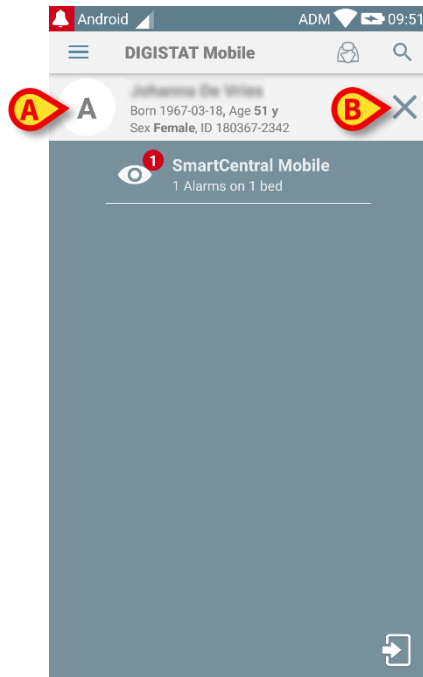
In Fig 51 all the patients are listed, without regard to their domain. The label on the top right corner of each tile highlights the domain of the patients (Fig 51 **A**).

One single patient can be selected by touching the tile corresponding to his/her bed. Just for example:

- Touch the tile indicated in Fig 51 **B**. User confirmation is required (Fig 52).

**Fig 52**

- Touch **Ok** to confirm. After confirmation, the following screen is displayed.

**Fig 53**

Patient data are on top of the page (Fig 53 **A**). All the data in all the Digistat Mobile modules are now filtered by patient (i.e. all and only the selected patient alarms/notifications are displayed).

- Touch the symbol indicated in Fig 53 **B** to deselect the patient.

# 8. Smart Central Mobile Application

## 8.1 Application start-up

To start the Smart Central Mobile application

- Touch the corresponding row on the handheld device screen.



Fig 54

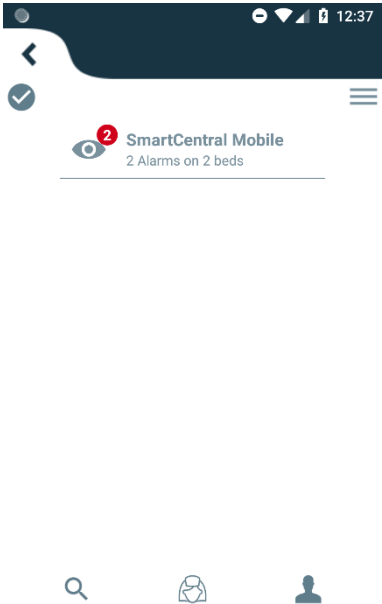


Fig 55

The Smart Central screen, shown in Fig 56, opens.

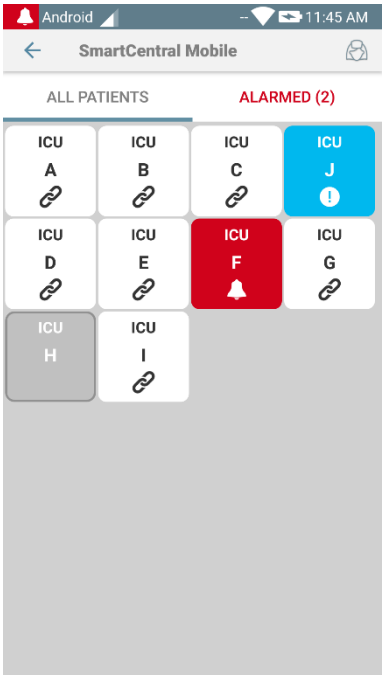







Fig 56

## 8.2 “Smart Central” screen

The “Smart Central” screen displays a schematic summary of the status of the medical devices connected to each bed configured in the specific handheld device (Fig 56).

The numbered squares displayed on screen represent the beds configured in the handheld device (Fig 56 **A**). The squares visible on a single screen form the “domain” of beds covered by the handheld device. The “domain” is defined by configuration.

The number displayed inside the square indicates the bed number. On each square, the status of the connected medical devices is indicated in graphic form by the background color and the related icon:

	All the medical devices connected to the bed are on hold.
	There is at least one connected medical device running.
	At least one of the connected medical devices is sending a low priority alarm.
	At least one of the connected medical devices is sending a medium priority alarm.
	At least one of the connected medical devices is sending a high priority alarm.

## 8.3 Medical devices list

Touch one of the squares on the “Smart Central” screen to display the list of medical devices connected to the bed (Fig 57).

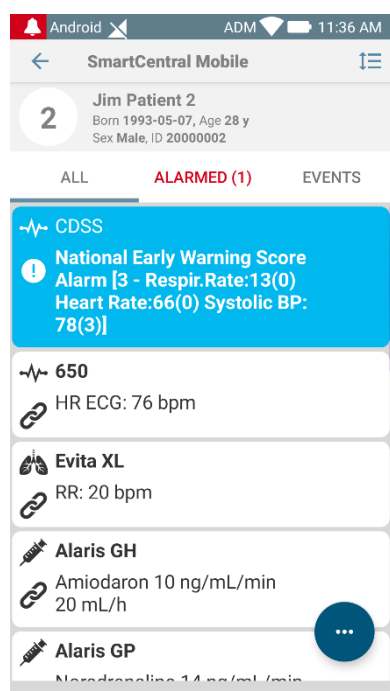


Fig 57

## 8.4 Menu Button

The button indicated in Fig 58 **A** opens a menu allowing direct access to some specific functionalities.

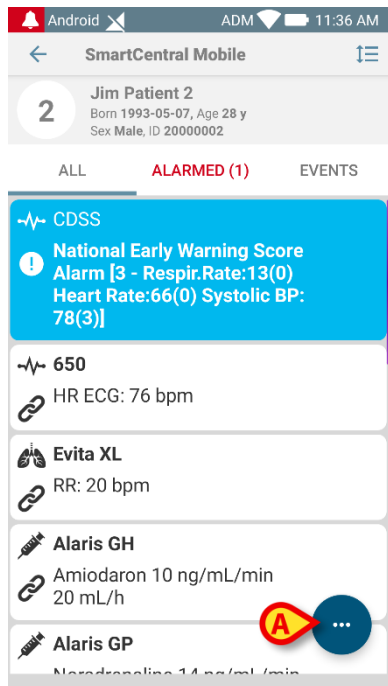



Fig 58

- Tap the  button to open the menu (Fig 59).

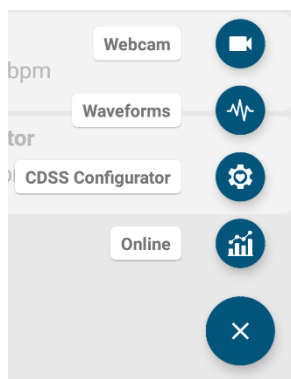


Fig 59

The actual options present on the menu depend on the configuration in use and the availability of the related functionalities.

The possible options are:

- Webcam – display the video stream of a configured webcam.
- Waveforms – Displays near real time waveforms collected by medical devices.
- Opens other Digistat Mobile modules, according to configuration and availability. For example CDSS Configurator Mobile or Online Mobile, with direct access to the currently selected patient data. A specific icon is displayed for each accessible module. See the related modules' User Manuals for operating instructions.

- Tap the  button to hide the menu.



## 8.5 Device events history

Each “device card” can be touched to access the list of all the events related to the medical device (Fig 60).

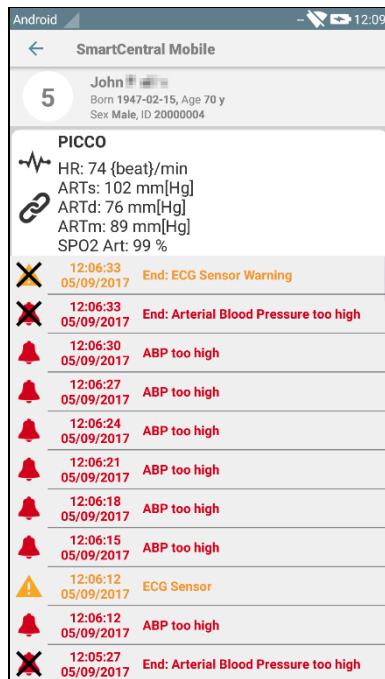




Fig 60

For each event, a short description and the time of occurrence are provided. For each alarm are displayed the beginning time and end time (black cross on the icon .

## 8.6 Waveforms snapshot

- Tap the  icon (if present - Fig 61 **A**) to display the snapshot of the waveform related to the corresponding event.

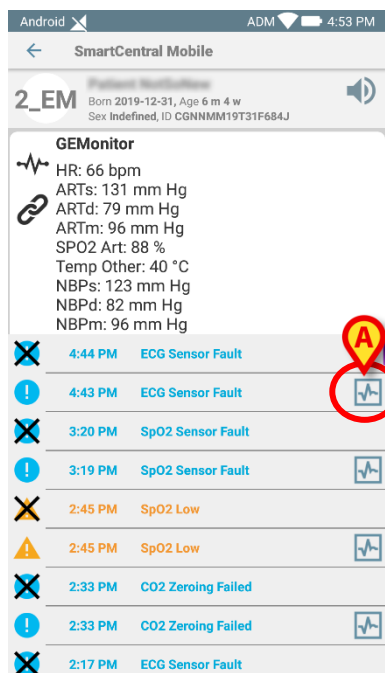


Fig 61

## 8.7 Smart Central Video

The Smart Central application can be configured to support the video stream of a webcam. This feature enables the visual monitoring of the patient area.

If the Smart Central Video feature is enabled and properly configured for a selected patient, the webcam option is available on the menu button shown in Fig 62.

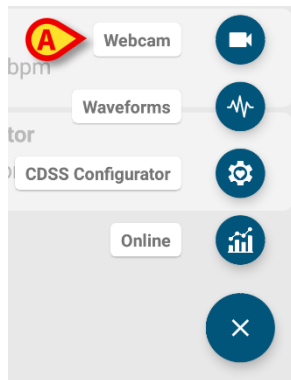


Fig 62

- Tap the “Webcam” option on the menu to view the webcam video stream (Fig 62 **A**).

## 8.8 Waveforms

Smart Central Mobile can display near real time waveforms collected from medical devices. To enable this functionality it is necessary to enable at least one waveform parameter in the configuration section of the driver capabilities.

If the functionality is enabled, the “Waveforms” option is available on the menu button (Fig 63 **A**).

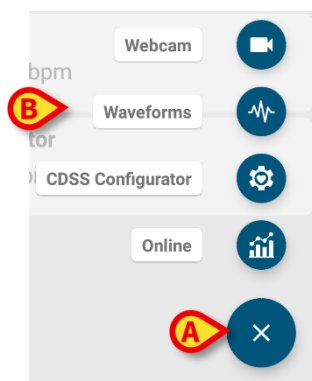


Fig 63

To display the Waveforms for a bed:

- Tap the relevant bed card.
- Tap the menu button (Fig 63 **A**).
- Tap the “Waveforms” option (Fig 63 **B**) on the menu.

A screen showing the trends of the acquired parameters is displayed.

## 9. Digistat Smart Central IFU

The Digistat Smart Central instructions for use (IFU) are provided with the Product. They can be displayed in digital format within the Product. To access the instructions for use

- Click the **Help** button on the command bar (Fig 64)



**Fig 64**

A screen opens, making it possible to access:

- 1) the relevant user manuals;
- 2) possible quick reference guides referring to specific procedures.

The on line documentation is in PDF format.

### 9.1 On line update of the user manual

The user manuals can be downloaded on the dedicated Ascom site using any browser (eg. IExplorer, Chrome, Firefox).

To download the manuals, type the following address on your web browser address bar:

**Host URL:** <https://confluence.ascom-ws.com>

It is now required to enter username and password to access the User Manuals list.

**Username** – User name provided by the local distributor

**Password** – Password provided by the local distributor

Select Digistat and then Digistat Smart Central (NA).

Select here the Product version. The relevant manuals are there available in PDF format.

#### 9.1.1 How to display the Digistat Suite about box

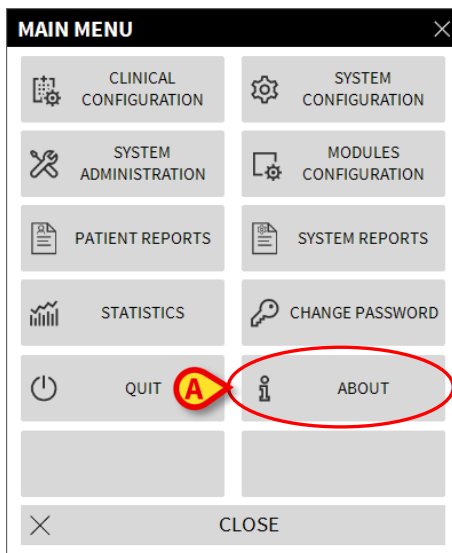
To display the Digistat Smart Central about box

- Click the **Menu** button on the Control Bar (Fig 65 A)



**Fig 65**

A menu containing different options opens (Fig 66).

**Fig 66**

- Click, on the menu, the **About** button (Fig 66 A).

The About Box opens. The labeling of the product is the About Box displayed on the client workstations and mobile devices where the Digistat Suite is installed.

## 9.2 Printed IFU

The customer can request a printed version of the user manuals of the purchased products. Ascum UMS will provide the requested manuals as soon as possible.

The request must be forwarded to the technical assistance. See paragraph 10 for the list of Ascum UMS contacts.

## 10. Manufacturer and Distributor Contacts

For any issue, please refer first to the Distributor who installed the Product.

Distributed in the U.S. by

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**Ascom Wireless Solutions**  
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