

# ascom

## **On Line Mobile User Manual**

**Version 4.0**

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Ascom UMS s.r.l. Unipersonale  
Via Amilcare Ponchielli 29, 50018, Scandicci (FI), Italy  
Tel. (+39) 055 0512161 – Fax (+39) 055 829030

[www.ascom.com](http://www.ascom.com)

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# 1. On Line Mobile



*For general and detailed information about the Product environment and the instructions for use of the Mobile Launcher software, see the specific documents of the Product. The knowledge and understanding of these documents is mandatory for an appropriate and safe use of the On Line Mobile, described in this document.*

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*The features and functionalities of the On Line Mobile module are fully available after user log in. A popup message informs the user accessing the application if log in is required.*

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## 1.1. Introduction

On Line Mobile is an application that displays the incoming data from the medical devices connected to the patient (for example: monitor, ventilator, laboratory etc.). The raw collected data can be integrated and validated by the user to create an accurate and readable user documentation.

The application can also be configured to connect to other Digistat® modules and display their data (for example Digistat® Diary, Digistat® Connect).

## 1.2. Data display

Data can be viewed in charts. The way data is displayed is widely customizable. Refer to the system administrators for customization options. The figures included in this manual show a configuration example.

## 1.3. Data acquisition

Data can be either automatically acquired or manually entered by users.

Automatic acquisition is for parameters transmitted by interfaceable medical equipment (for example: ventilators, patient monitors), or by a laboratory (for example: exams results). Manual editing enables users to check and validate data, to eliminate artifacts and redundant data, to insert values whenever, for any reason, automatic acquisition is unavailable.

## 1.4. On Line Mobile start-up

To start the On Line Mobile module:

- Touch the corresponding row on the handheld device screen (Fig 1).



Fig 1

The On Line Mobile Patient List page opens (Fig 2):

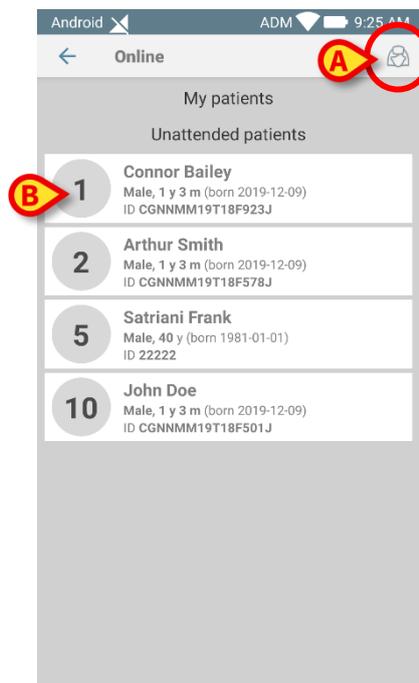


Fig 2

On Line Mobile requires patient selection. If no patient is currently selected, an empty screen is displayed, reminding that “This module requires a patient”. See section 1.5.

## 1.5. Patient List Page

The On Line Mobile Patient List page (Fig 2) displays the list of patients included in the “MyPatients” list. Read the document *USR ENG Mobile Launcher* for more information about the “MyPatients” list.

- Touch the “MyPatients” button (Fig 2 **A**) to manage the “MyPatients” list.

Each patient is represented by a tile (Fig 3).

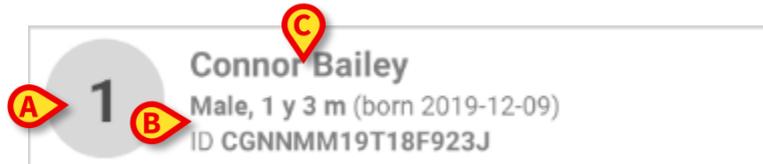


Fig 3

In the tile, the following information is displayed (customizable):

- Bed number (if available - Fig 3 **A**);
  - Patient data (sex, age, date of birth, patient ID - Fig 3 **B**);
  - Name of patient on that bed (Fig 3 **C**).
- Touch the patient tile (e.g. Fig 2 **B**) to access the Pages List Screen and manage the related On Line Pages. See section 1.6.

## 1.6. Pages List Screen

The Pages List Screen lists all the On Line Mobile Pages, each one displaying, in charts, the data available for the selected patient.

Different On Line Mobile Pages can be configured for the same patient, each one focusing on a subset of parameters. Different icons can be associated during configuration to symbolize the kind of data contained in the page.

The Pages List Screen is formed of two areas: a heading area displaying the patient main data (Fig 4 **A**) and the list of On Line Pages configured for the patient (Fig 4 **B**).

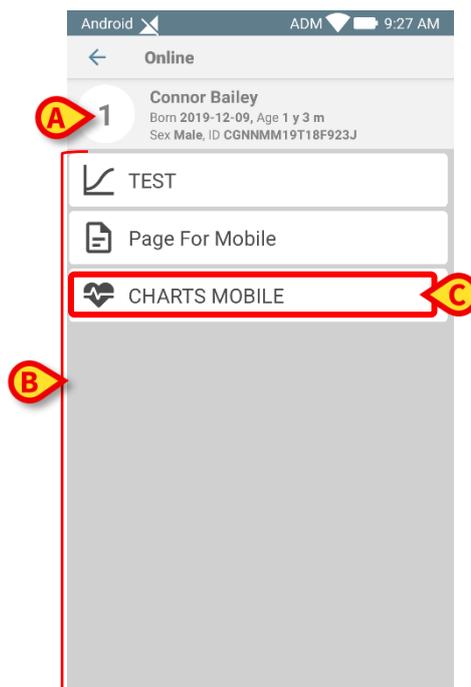


Fig 4

The heading area (Fig 4 **A**) displays the same information displayed in the patient tile on the Patient List screen (described in section 1.5).

- Touch the row corresponding to the required On Line Page (e.g. Fig 4 **C**) to access it (Fig 5). Read section 1.7.



*Refer to the system administrators for the existing configuration options.*

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## 1.7. On Line Page

The On Line Mobile Page (Fig 5) displays in charts the data available for the selected patient.

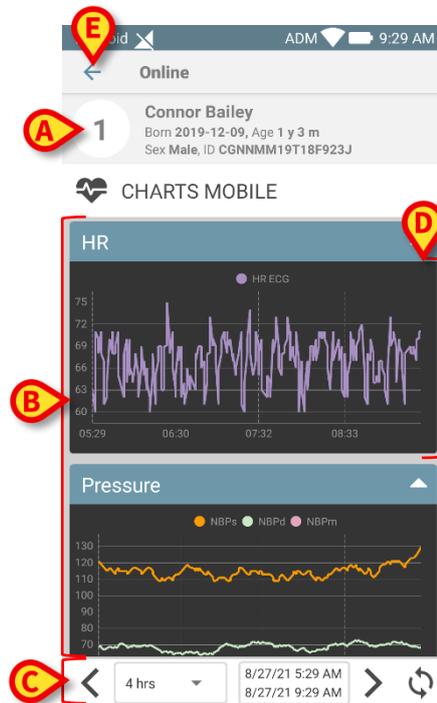


Fig 5

The On Line Mobile Page is formed of three areas:

- a Heading Area (Fig 5 **A**) displaying the patient main data.
  - the Chart Area (Fig 5 **B**), displaying the configured charts (Fig 5 **D**). Charts are described in section 1.8.
  - a Command Bar (Fig 5 **C**) allowing to navigate the charts back and forth in time. The Command Bar is described in section 1.9.
- Touch the **Back** button (Fig 5 **E**) to return to the Pages List Screen (Fig 4).

A message informs the user if no Charts are configured for the considered patient.

A message informs the user when the time switches from standard time to daylight saving time and vice versa.

## 1.8. Charts

The trends of the configured parameters are displayed in Charts (Fig 6).

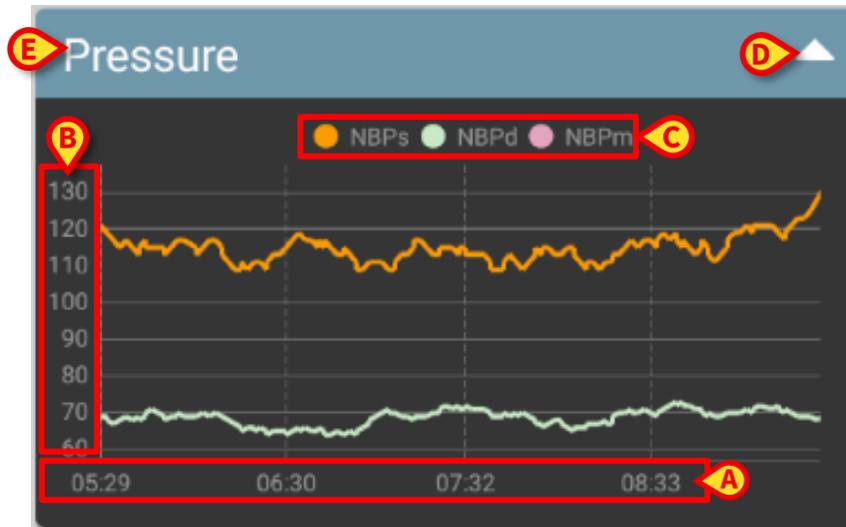


Fig 6

The Chart name is on top (Fig 6 **E**).

The horizontal axis (Fig 6 **A**) represents time.

The vertical axes (Fig 6 **B**) indicate the value of the represented parameters. Two scales of values can be used: one on the left; one on the right.

The names of the represented parameters are displayed above the chart (Fig 6 **C**). The colour of the font corresponds to the color used in the chart to draw the trend of the parameter.

- Tap the Chart to dynamically display the values corresponding to the indicated position. The following pop-up window opens (Fig 7).

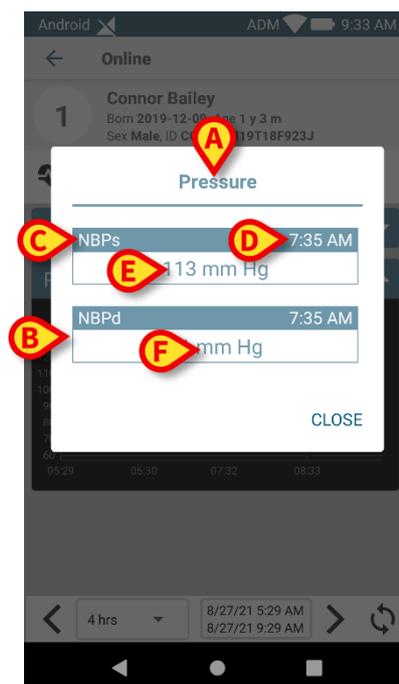
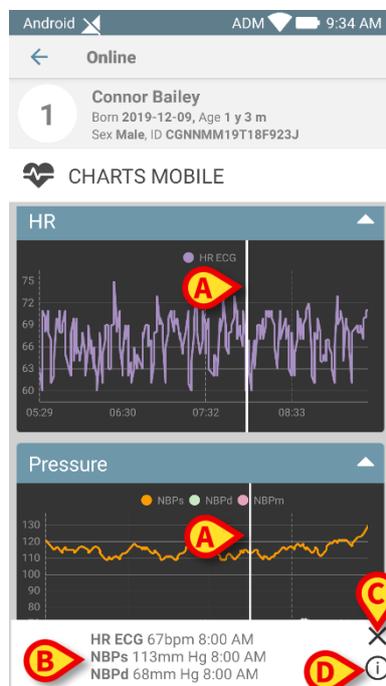


Fig 7

The title of the pop-up window (Fig 7 **A**) is the same of the Chart.  
 For each parameter a box is displayed (Fig 7 **B**), reporting the parameter name (Fig 7 **C**), the timestamp of the measure (Fig 7 **D**) the parameter value (Fig 7 **E**). The unit of measure of each parameter is displayed beside the parameter value (Fig 7 **F**).  
 Touch the **Close** button to close this pop-up window.

- Touch the Chart and drag it left or right to draw a vertical cursor-bar (Fig 8 **A**). The values acquired at the same time are highlighted in the other Charts on the page. A notification window on the bottom (Fig 8 **B**) displays the closest values corresponding to selected time according to a configured range. Touch the **Close** button (Fig 8 **C**) to close the notification window. Touch the **Info** button (Fig 8 **D**) to open the pop-up window detailing the parameters information (Fig 7).



**Fig 8**

- Touch the up-arrow button (Fig 6 **D**) to collapse the Chart.



*Refer to the document CFG ENG On Line Validation to customize font and colors of the Charts in the On Line Mobile module.*

### 1.8.1. Alternative theme

During configuration, a different theme (white background) can be chosen for the On Line Mobile charts. See Fig 9 for an example. Refer to the system administrators for this option.



Fig 9

### 1.9. The Command Bar

The On Line Mobile Command Bar (Fig 10) contains tools making it possible to navigate the Charts.



Fig 10

- Use the arrow buttons (Fig 10 A) to scroll the screen contents left and right.
- Select in the interval menu (Fig 10 B) the time span to be displayed. The interval menu is shown below:



- Touch the **Reload now** button (Fig 10 C) to reload the screen contents.
- Refer to the time range indicator (Fig 10 D) for more information about the time range.