

# **DIGISTAT®** Diary

**DIGISTAT® Version 4.3** 

## **User Manual**

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#### DIGISTAT® version 4.3

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## 1. Clinical Diary



For general and detailed information about the DIGISTAT® environment and the instruction for use of the Control Bar software see the document "DIG UD CBR IU 0005 ENG V01 - Digistat Control Bar User Manual".

The DIGISTAT® "Clinical Diary" module makes it possible to insert, search and retrieve textual clinical information. The user can create and manage notes about the patient, the therapy and the patient examinations, creating this way a complete treatment history (see Fig 1 for an instance).

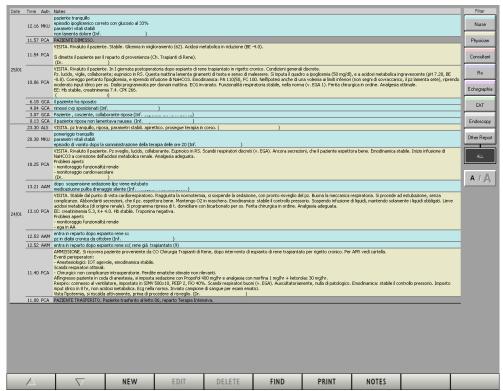


Fig 1

#### 1.1. Module selection

To select the "Clinical Diary" module

> click the corresponding icon on the lateral bar (Fig 2).



Fig 2

The module's main screen is displayed (Fig 3).

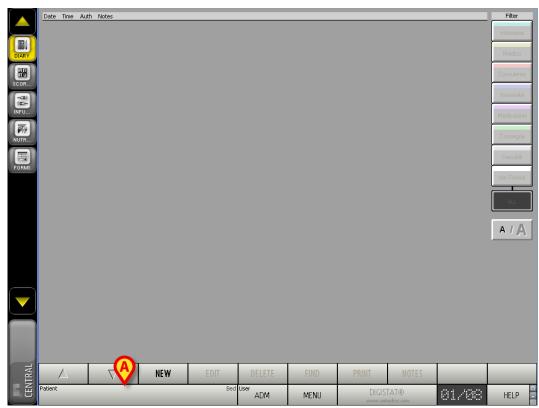


Fig 3

In Fig 3 no patient is selected. None of the module functionalities is therefore available. The Clinical Diary can only display patient data when a patient is selected.

#### 1.2. Patient selection

To select a patient, if you are using for this purpose a DIGISTAT® software,

> click the **Patient** button on the Control Bar (Fig 3 A).

The DIGISTAT® Patient Explorer module is this way launched (if the module is present in the configuration in use). See the related technical documentation to know the specific search and selection procedures. If the patient search and selection software in use is not a DIGISTAT® software, then see the related documentation.



If your Healthcare Structure doesn't use a DIGISTAT® software for the patient search and selection procedures, please refer to the related documentation.

When a patient is selected the data displayed on the screen refer to the selected patient.

## 1.3. "Clinical Diary" main screen

When a patient is selected, the Clinical Diary main screen appears as in Fig 4. Some of the buttons on the command bar are active (Fig 4 **B**). The filters buttons on the right are also active (Fig 4 **A**). The related procedures are described later in this manual.

The screen displays all the diary notes entered for the selected patient.

Fig 4 and Fig 5 display examples of clinical diary.

Three main components can be detected on the module main screen:

- the filter buttons (Fig 4 A see paragraph 1.5)
- the command bar (Fig 4 **B** see paragraph 1.6)
- the data area containing, when diary entries exist, the actual clinical diary (Fig 4 C see paragraph 1.4).

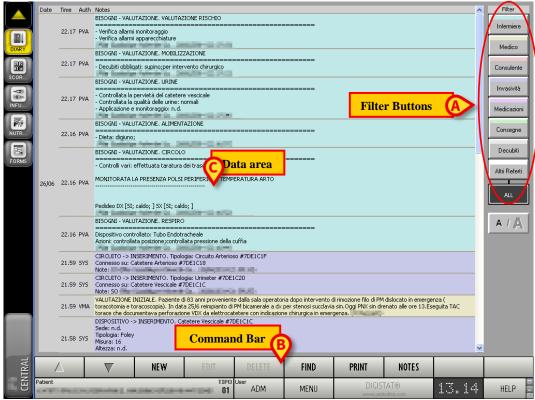


Fig 4

## 1.4. How to read the clinical diary

The diary notes are displayed in a table (Fig 5 and Fig 6).



Fig 5

Each diary entry correspons to a row (Fig 6 A). The diary entries are in chronological order, usually most recent entries are on top (depending on configuration).

Date, time and author are specified for each entry. In Fig 6  $\bf B$  all the entries of the same day are indicated. The author is identified by his/her DIGISTAT® three-letter acronym (ADM in the example).

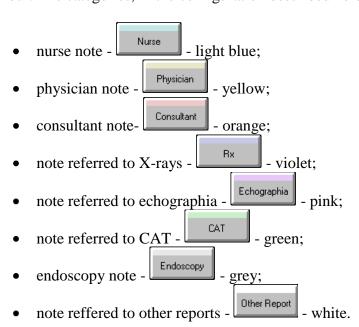


Fig 6

The color highlighting the different entries indicates the kind of diary note; i.e. it indicates the category to which the note belongs. See paragraph 1.4.1 for a list and explanation of the possibile categories.

#### 1.4.1. Note categories

The various diary entries are grouped in eight categories, each one characterized by a specific colour. The categories, in the configuration described here, are:

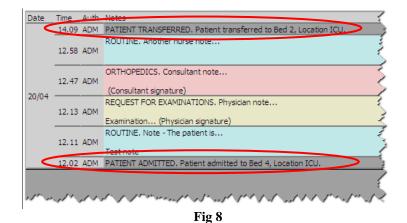


The background colour of each note is the one indicating the category to which it belongs (Fig 7). It is this way possible to know immediately, visually, for a specific entry, what kind of entry it is. Search and retrieval of information is this way made easier.



Fig 7

Some events such as, for instance "patient admission", "patient discharge" or "patient transfer to another bed" are automatically acquired by the module and displayed in the clinical diary (see for instance Fig 8 - the kind of events automatically acquired depend on configuration. Other information can be automatically imported from other DIGISTAT® modules, if properly configured). In case of admission or demise of a patient the system specifies, if possible, the destination bed, otherwise a generic "other department" indication is provided.



#### 1.5. The filter buttons

The buttons on the right of the screen (Fig 4 A, Fig 9) make it possible to filter the diary contents.



Fig 9

Click these buttons to display only the notes belonging to one or more category/ies. The button, for instance, displays only the nurse notes (as in Fig 10).

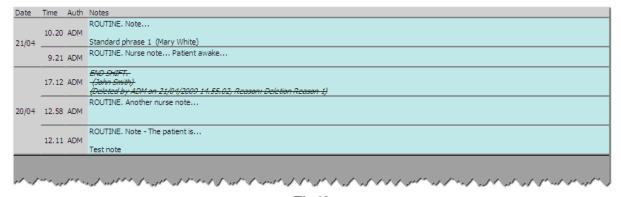


Fig 10

Each button displays the notes of the corresponding type. It is possibile to select multiple buttons to display different note types at the same time.

The button displays all the notes.

The button displays the notes in bold fonts (as, for instance, in Fig 11).



Fig 11

#### 1.6. The command bar

The buttons on the command bar (Fig 12) at the bottom of the screen (Fig 4  $\bf B$ ), make it possible to perform various procedures.



Fig 12

These buttons are listed and briefly described in this paragraph. The relating procedures will be described later, in the indicated paragraphs.

The arrow buttons on the left make it possible to scroll the contents of the page up and down when it is not possibile to display all the diary entries on the same screen. When the arrows are active they are colored.

The **New** button makes it possible to create a new diary entry (see paragraph 1.7 for the complete procedure)

The **Edit** button makes it possible to edit an existing diary entry (see paragraph 1.8)

The **Delete** button makes it possible to delete an existing diary entry (see paragraph 1.9).

The **Find** button makes it possible to search a specific item within the clinical diary (see paragraph 1.10).

The **Print** button prints the clinical diary (see paragraph 1.11).

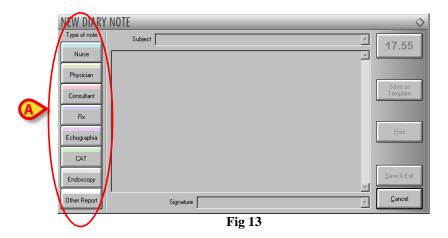
The **Notes** button makes it possible to insert and view notes regarding the patient (see paragraph 1.12).

## 1.7. How to create a diary entry

To add an entry to the clinical diary

> click the **New** button on the command bar.

The following window opens.



 $\triangleright$  click one of the buttons on the left to select the type of note (Fig 13 **A**).

The window changes according to the type chosen.

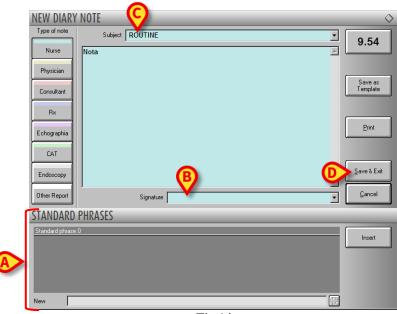


Fig 14

The window background color indicates the type of note.

> Type the note. The text is displayed inside the window.

After typing the diary entry, click the **Save and Exit** button (Fig 14 D).

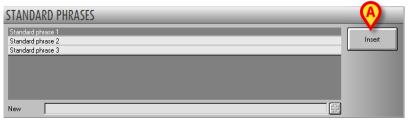
The "New diary note" window disappears. The note is this way added to the clinical diary (Fig 6).



The contents of the "New diary note" window change according to the selected note type). The configured "Standard phrases" can change (Fig 14 A - paragraph 1.7.1); the configured "Signatures" can change (Fig 14 B paragraph 1.7.2); the configured "Subjects" can change (Fig 14 C paragraph 1.7.3).

#### 1.7.1. "New diary note" window features - "Standard phrases"

The "Standard phrases" are a list of pre-defined frequently used phrases that can be quickly inserted in the diary note (Fig 14 A, Fig 15).



**Fig 15** 

To insert a standard phrase in the note

> click the standard phrase you want to insert.

The phrase is this way highlighted.

Click the **Insert** button (Fig 15 A).

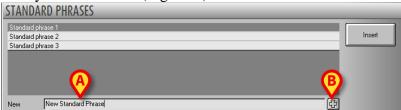
The phrase is added to the note.

Click the **Save and Exit** button (Fig 14 **D**) to add the note to the clinical diary.

#### 1.7.1.1. How to create a new standard phrase

New custom standard phrases can be created and saved by the user if he/she has the adequate permissions. To create a new standard phrase:

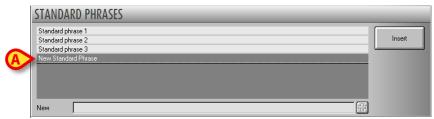
- > click the "New" field on the "Standard phrases" window (Fig 16 A). A blinking cursor appears in the field.
- $\triangleright$  Type the phrase you want to add (Fig 16 **B**).



**Fig 16** 

> Click the button placed alongside the field (Fig 16 B).

The phrase is this way added to the "Standard phrases" list (Fig 17 A) and is available from now on.



**Fig 17** 

### 1.7.2. "New diary note" window features - "Signature"

A diary entry can be signed. This feature is useful in case the entry is inserted by a user that is different from the user currently logged. The signature makes it possible to identify the actual author of the note. The names of the users that are not usual DIGISTAT® users (coming from other departments, for example) but that frequently add diary entries can be defined during configuration. The "Signature" field makes it possible for them to sign their entries. The field can also be used to specify multiple authors. To sign a note

> click the button placed alongside the "Signature" field (Fig 18 A). A drop down menu containing all the possibile names is displayed.



**Fig 18** 

Click the name you want to insert. The name is displayed in the "Signature" field. Ortherwise you can directly type it in the field.

When the note is saved and added to the clinical diary the selected signature is displayed after the note text.

It is also possible to type in the "Signature" field the name to be displayed as signature.

#### 1.7.3. "New diary note" window features - "Subject"

The "Subject" field makes it possible to specify a "title" to make the note subject immediately visibile. To specify a subject

> click the button placed alongside the "Subject" field.



**Fig 19** 

A drop down menu containing all the possibile (configured) subjects opens.

Click the wanted subject. Otherwise you can directly type it in the in the field.

The chosen subject is displayed in the "Subject" field.

When the note is saved and added to the clinical diary the selected subject is displayed in capital letters before the note text.

It is also possible to type in the "Subject" field the text to be displayed as subject.

#### 1.7.4. "New diary note" window features - "Save as template"

The "Save as template" button (Fig 19 C) makes it possible to save the settings of a specific note as pre-defined settings for future diary notes.

For example: if, while adding a note, the user specifies a certain subject, a certain signature and a certain text and wants to keep this information in the future diary notes, he/she can use the "Save as template" button to automatically display it every time a new note of the same kind is added.

After the "Save as template" button is clicked a user confirmation is required.



#### Click Yes to confirm.

The future diary entries for the same kind of note will all originate from the one saved as template. This functionality is available only for users that were explicitly authorized by configuration.

#### 1.7.5. "New diary note" window features - "Print"

The **Print** button placed on the "New diary note" window (Fig 19 **D**) creates a print report containing only the data of the current note. The button opens a print preview of the report. See paragraph 1.11 for a description of the "Clinical Diary" module print functionalities.

#### 1.7.6. "New diary note" window features - "Time specification"

The button displaying the time (hh.mm) on the top right corner of the "New diary note" window (Fig 21 A) makes it possible to specify the time a diary note is entered. By default the button indicates the current time. It is possibile to specify a time that is different from the current one. To do that,

> click the time-button (Fig 21 A).

Five buttons are displayed beneath it (Fig 21 **B**).

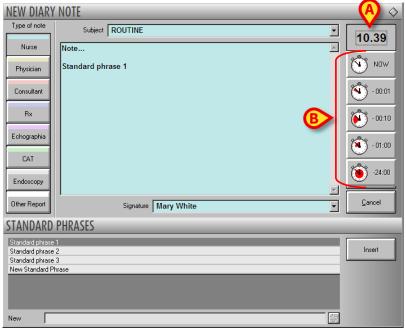


Fig 21

These buttons make it possible to change the time of entry.

The **-00:01** button sets the time one minute back. One click for one minute.

The **-00:10** button sets the time ten minutes back. One click for ten minutes.

The **-01:00** button sets the time on hour back. One click for one hour.

The **-24:00** button sets the time 24 hours back. One click for 24 hours.

The **Now** button sets the time back to the current time. Click it to display the current time again.

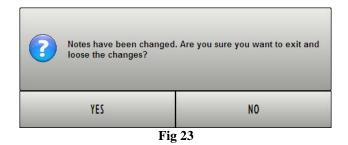
When the time is changed the time-button is coloured (Fig 22 A).



Fig 22

#### 1.7.7. "New diary note" window features - "Cancel"

The **Cancel** button on the "New diary note" window (Fig 22 **B**) closes the window without saving the information specified. User confirmation is required (Fig 23).



## 1.8. How to edit a diary note

Use the **Edit** button on the command bar (Fig 24) to edit an existing note.



To edit an existing note

> click the note you want to edit. The note is this way highlighted (Fig 25 A).

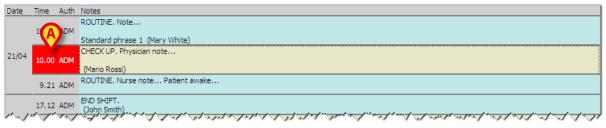
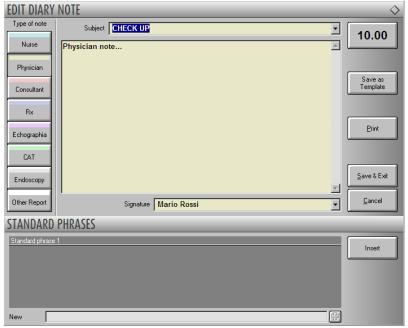


Fig 25

Click the **Edit** button on the command bar. The "Edit diary note" window opens (Fig 26). This window is described in paragraph 1.7.



**Fig 26** 

Edit the note using the procedures described in paragraph 1.7. Fig 27 A shows an example.

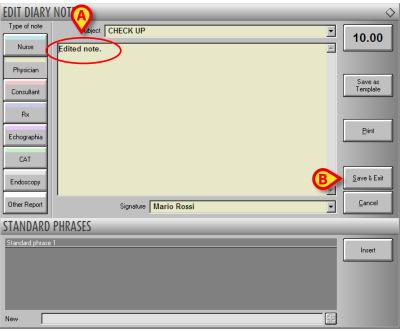


Fig 27

➤ Click the **Save & Exit** button (Fig 27 **B**).

The changed note is displayed on the clinical diary.

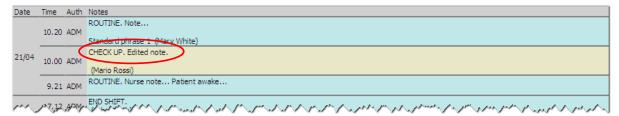


Fig 28

#### 1.8.1. "Copy" and "Paste" of a diary note

When a note is selected, its contents are automatically copied to the Windows<sup>®</sup> clipboard. It is possible to insert these contents into any kind of document simply using the "paste" function. For safety reasons a configuration parameter either enables or disables the copy and paste of a diary note from a patient to a different one. For more details refer to your system administrator. If this functionality is not enabled the Windows<sup>®</sup> clipboard is reset every time the patient changes.

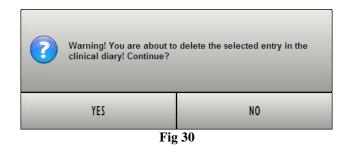
## 1.9. How to delete a diary note

Use the **Delete** button on the command bar (Fig 29) to delete an existing diary note.



To delete a note

- > click the diary note you want to delete. The note is highlighted.
- Click the **Delete** button. User confirmation is required (Fig 30).



Click Yes to delete the note.

The system requires to specify the reason for deletion.

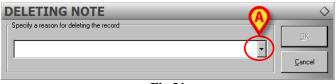


Fig 31

The reason for deletion can be specified either typing it or selecting it on a list of pre-defined reasons (Fig 32). Click the button - Fig 31 A - to display the list of pre-defined reasons.



Fig 32

After the reason is specified,

Click the Ok button (Fig 32 A)

The note is still displayed on the clinical diary in strikethrough charachters. The name of the user who deleted it, the date, time and reason of deletion are specified in the note text (Fig 33).

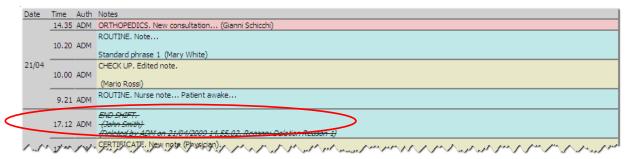


Fig 33

## 1.10. How to search the diary

Use the **Find** button on the command bar (Fig 34) to find textual items in the clinical diary.



Fig 34

To search the clinical diary:

click the Find button.

The following window is displayed.



Fig 35

- > Type the text that you need to find in the search field (Fig 35 A).
- Click the **Find** button (Fig 35 **B**).

The first note (from top) containing the specified text is highlighted (Fig 36 A).

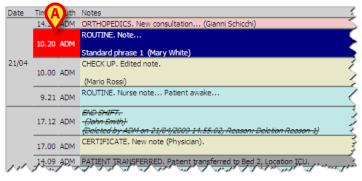


Fig 36

Click the **Find** button again to continue searching the diary and to highlight the possibile other relevant notes.

When no result is found the following pop-up window is displayed.



Fig 37

### 1.11. Print reports

Use the **Print** button on the command bar (Fig 34) to create print reports of the clinical diary.



To create a print report

click the **Print** button.

The following window opens.

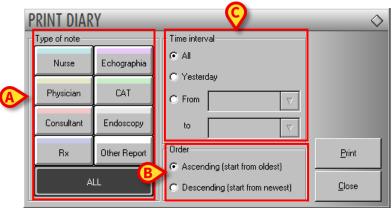


Fig 39

The buttons on the left of the "Print diary" window (Fig 39 A) make it possible to select the type (or types) of notes that will be printed. Click the button corresponding to the note type to select the specific note type. The All button, selected by default, prints all the notes.

The "Order" section (Fig 39 B) makes it possible to decide the order of the printed notes (either most recent or oldest on top).

The checkboxes indicated in Fig 39 C ("Time interval" section) limit the printed notes to those entered during a specific period of time. If the "From - To" checkbox is selected (Fig 40 A) it is necessary to specify the dates defining the beginning and the end of the time span.

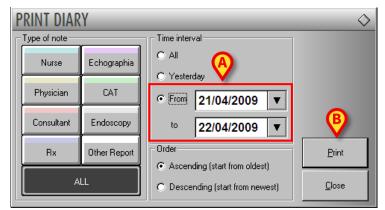


Fig 40

After the print settings are specified

> click the **Print** button (Fig 40 **B**).

A print preview is displayed.

## 1.12. How to add a general note

Use the **Notes** button on the command bar (Fig 41) to add general patient notes.



**Fig 41** 



This button <u>does not</u> add a note to the clinical diary. This button adds a general note that can also be displayed by other DIGISTAT® modules if the same button "NOTES" on the command bar is clicked.

To add a general note

> click the **Notes** button.

The following window opens.



Fig 42

Click the **Edit** button (Fig 42 **A**).

The window turns to "edit" mode.

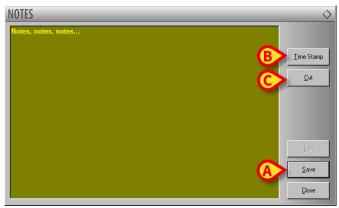


Fig 43

- > Type the note. The text is displayed in the window.
- Click the **Save** button to save the note (Fig 43 **A**).

The window closes automatically. The presence of a note is indicated by the color of the button on the command bar (yellow). Click the button again to display the note again.

Use the **Time Stamp** button on the right (Fig 43 **B**) to display the date, time and the acronym of the user who is adding the note (Fig 44).



Use the **Cut** button (Fig 43 **C**) to cut a selected text portion from the note.

To cut a text portion from a note

- > click the **Edit** button (Fig 42 **A**).
- > Select the text to be cut using either the mouse device or the workstation keyboard.
- > Click the **Cut** button.

The selected text disappears from the note.



The notes inserted this way are visible - after clicking the **Notes** button on the command bar - on every DIGISTAT® module in which the **Notes** button is present.

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