WardWatcher (2020 Version)

Searching and Reporting

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Introduction

This booklet is split into four sections:

- **Searching**: This section will help you to search for information quickly, finding patients who match a certain criteria.
- **New Quick Report**: This is an adhoc reporting tool that allows you to display, print out, export or copy any piece(s) of information stored within WardWatcher.
- **Standard Reports**: WardWatcher has approximately 18 standard reports set up that contain useful information for service planning, provision and quality improvement measures. This section gives a brief overview of what pieces of information are available in each report.
- Report Templates: This section will show you how to create and modify a report template. A report template is a single sheet report containing information about an individual patient. A discharge summary would be an example of a report template.

Section 1: Searching

1.1 General Information

The primary advantage of storing information on a computer is the computer's ability to let you find and analyse information quickly and with the minimum of effort. When you wish to find patients who match certain criteria, you use the WardWatcher **search** screen to find information in the database. The quick searches are along the left hand side of the Patient list.

The search screen is accessed by clicking on the button marked **Find other** on the left side of the patient list screen. (figure 1.1a).

Figure 1.1a

WWatcher File Edit Report List Spec	ial User/Admin CIS/PAS Help
Ward Watcher	Surname will let you search this bed plan for anyone with a given surname if unsure of
Find	the spelling then use @
Surname	
Hospital Number	Hospital number and pat id button will let you search for patients with a specific
Pat ID	number
Discharged Bed Plan	Discharged bed plan will give a list of all discharged patients.
Currently in Beds Missing Unit Data	Currently in beds will list all patients in beds.
All on Bed Plan	Missing unit data will give you a list of all patients who have missing data and are
Left Unit	sitting in the left hand box of bed plan.
All Patients this Unit Missing Hospital Data	All on bed plan will give you a list of the current patients, missing information patients
Treated Between	and patients waiting on a bed.
Find Other	Left unit will generate a list of all discharged patients and patients in the missing
Sort	information box who have left the unit.
Admit Order	All patients this unit – will generate a list of current and discharged patients.
Other Sort	Missing hospital data will allow you to search for a list of missing hospital data for
Report	given dates.
Display data fields Group by a data field	Treated between will generated a list of patients treated in a given time frame.
(Group by a data field)	Find other will open the search page to do a custom search.
Bed Plan	To do a report click on Report – display data fields.

Scottish Intensive Care Society Audit Group 1.2 Defining Search Criteria

The Search screen is composed of four columns: Screen, Field, Comparison and Option/Value (figure 1.2a).

Figure 1.2a

WWatcher 🔛			
File Edit Help	On earth Definition		
WardWatcher	Search Patients		ICU
Utilities	1. Select Search Criteria		
Re-use Last Criteria	Screen Field	Comparison Choose option of	r type value in box(es) below
Load Saved Criteria	01. Admit 02. History		<u>^</u>
Save Current Criteria	02. History (Old) 03. Diagnoses		
(Clear Current Criteria)	04. Severity 04. Severity (Old)		
	05. SOPRA 06. ACP		
	06. ACP (Old) 07. Interventions		
	08. Drugs 09. Local		
	10. Unit discharge 10. Unit discharge (Old)	-	_
	11. Hospital discharge 12. Special		
	13. SOPRA summary 14. FollowUp	and Not applicable	
	15. TISS •	<u>~</u>	Add new line with Or Add new line with And
Last Search	Currently Selected Search Criteria		
Hold Last Result			<u>_</u>
Add Held Result			
Subtract Held			
Overlap With Held			~
	2. Derform Search Lleing Selected Criteria		
	2. Perform Search Using Selected Criteria	Limit search to current ward	Search Held Result Search All Patients
	Result (Records Found Using Selected Criteria)	Search not yet performed	
Patient List			Group by a data field Display data fields
Bed Plan			
Log Off	Current user: Administrator		ICU

1.2.1 Screen

The first column, Screen, lists the data entry screens. These are the names of the screens which you would go to when you are entering information, and are the same as the names on the palette of buttons shown on the left of each of the data entry screens.

To search for patients who match any given criteria, the first thing you must do is to determine on which screen the piece of information against which you wish to match patients is located.

For example, if you wish to search for patients who were admitted from the Emergency Department, you would select the **01. Admit** screen, since the Admission screen is where the source of admission is entered. You select the screen you want by pointing at and clicking on the name in the list. When you click on the name it becomes highlighted (figure 1.2b).

Figure 1.2b

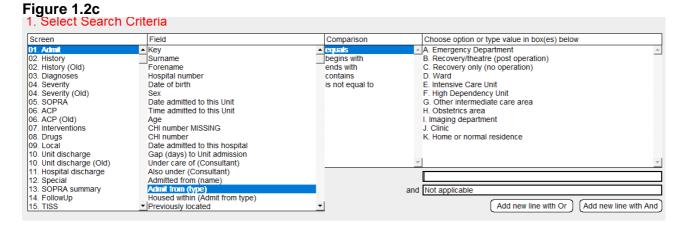
Screen Field Comparison Choose option or type value in box(es) below Screen 01. Admit 02. History 02. History (Old) 03. Diagnoses 04. Severity 04. Severity (Old) 05. SOPRA 06. ACP 06. ACP 06. ACP 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge (Old) 11. Hospital discharge Key _ Surname Forename Hospital number Date of birth Sex Date admitted to this Unit Time admitted to this Unit Age CHI number MISSING CHI number Date admitted to this hospital Gap (days) to Unit admission Under care of (Consultant) 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp Also under (Consultant) Admitted from (name) Admit from (type) and Housed within (Admit from type) Add new line with Or) (Add new line with And Previously located 15. TISS

1. Select Search Criteria

1.2.2 Field

When you select Admit, the fields which are found on the Admission screen are immediately displayed in the **Field** column.

Just as you selected a screen, you can select a field by pointing to and clicking on the name of the field. In this case, we would point at and click on the **Admit from (type)** field (figure 1.2c).



1.2.3 Comparison and Options/type

When you select Admit from (type), the Comparison and Option/Value columns are immediately filled.

The Comparison and Option/Value columns allow you to select the precise criteria against which patients are to be matched. To complete our search criteria, therefore, we would click on **equals** in the Comparison column and **A. Emergency Department** in the Option/Value column (figure 1.2d).

Figure 1.2d

1. Select Search Criteria				
Screen 01. Admit 02. History 03. History 04. Severity 04. Severity 05. SOPRA 06. ACP 06. ACP 06. ACP 06. ACP 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge 10. Unit discharge 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS Currently Selected Admit from (type) equals A. En		Comparison equals begins with ends with contains is not equal to	Choose option or type value in box(es) below B. Recovery only (no operation) C. Recovery only (no operation) D. Ward E. Intensive Care Unit G. Other intermediate care area H. Obstetrics area H. Obstetrics area I. Imaging department J. Clinic K. Home or normal residence A. Emergency Department and Not applicable Add new line with Or Add new line with And	
	Using Selected Criteria Found Using Selected Criteria)	F Limit search to curr Search not yet perfor		

As well as being highlighted in the relevant columns, the search criteria are displayed as a line of text in the box immediately beneath the four columns where you selected the search criteria (figure 1.2d).

Once the search criteria have been defined, the next thing to be done is to perform the search.

1.3 Performing the Search

The search is actually performed by clicking on the button **Search All Patients** (we will cover Search Stored result later). When you click on this button, WardWatcher searches the database for any patients who match the criteria you have defined and returns the result of the search in the box pointed to by the black arrow (figure 1.3a).

Figure 1.3a

Currently Selected Search Criteria Admit from (type) equals A. Emergency Department 2. Perform Search Using Selected Criteria Image: Perform Search Using Selected Criteria Search All Pate Result (Records Found Using Selected Criteria) Search not yet performed	1. Select Search	Criteria		
12 History (Old) Forename 02 History (Old) Forename 03 Diagnoses Hospital number 04 Severity (Old) Date of bith 05 SOPRA Date admitted to this Unit 05 SOPRA Date admitted to this Unit 05 SOPRA Date admitted to this Unit 06 ACP (Old) Age 07 Interventions CH number MISSING 08 Drugs CH number MISSING 09 Local Date admitted to this hospital 10 Unit discharge (Old) Age 09 Local Date admitted to this hospital 10 Unit discharge (Old) Under care of (Consultant) 11 Hospital discharge Adso under (Consultant) 12 Special Admitted from (haree) 13 SoPRA summary Admitted from (hype) 14 FollowUp Elevented Critteria 2. Perform Search Using Selected Critteria Rescult (Records Found Using Selected Critteria) Funt search to current ward Search not yet performed <t< th=""><th>Screen</th><th>Field</th><th>Comparison</th><th>Choose option or type value in box(es) below</th></t<>	Screen	Field	Comparison	Choose option or type value in box(es) below
2. Perform Search Using Selected Criteria Funit search to current ward Search All Pate Result (Records Found Using Selected Criteria) Search not yet performed	D1. Admit 02. History 03. Diagnoses 04. Severity 04. Severity 05. SOPRA 06. ACP 06. ACP (Old) 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge (Old) 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS	 Key Surname Forename Hospital number Date of birth Sex Date admitted to this Unit Time admitted to this Unit Age CHI number MISSING CHI number Date admitted to this hospital Gap (days) to Unit admission Under care of (Consultant) Also under (Consultant) Admitted from (name) Admitted from (name) Housed within (Admit from type) ▼ Previously located 	equals begins with ends with contains	B. Recovery/theatre (post operation) C. Recovery only (no operation) D. Ward E. Intensive Care Unit F. High Dependency Unit G. Other intermediate care area H. Obstetrics area I. Imaging department J. Clinic K. Home or normal residence A. Emergency Department Ind Not applicable
Result (Records Found Using Selected Criteria) Search not yet performed	Admit from (type) equals A. E	imergency Department		
	2. Perform Search	n Using Selected Criteria	Limit search to cu	rrent ward Search All Patients
Crown by a data field Display data f	Result (Records F	Found Using Selected Criteria)	Search not yet perfo	Group by a data field Display data field

The search result tells you how many patients in the database match the criteria you have defined and expresses this as a percentage of all the patients in the search criteria as shown in figure 1.3b. **Figure 1.3b**

	Alert
	Admit from (type) equals A. Emergency Department
1	2 out of 30 patients (6.7%) match the above criteria
-	
•	
1	ОК

(We will see later, under **1.4: Viewing Information on Patients Matching Search Criteria**, how to view further details about the patients found by the search).

1.3.1 Defining More Complex Criteria

Figure 1.3c

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It is often the case that you wish to find patients who match a number of different criteria. For example, you may be interested in finding elderly patients who were admitted from the Emergency Department, rather than all patients. In this case, you will need to add a second line to your search criteria. You do this by clicking on the **And** button right hand side middle of the screen (figure 1.3c). We will discuss the 'Or' button later.

1. Select Search	Criteria		
Screen	Field	Comparison	Choose option or type value in box(es) below
D1. Admit 02. History (Old) 03. Diagnoses 04. Severity 04. Severity (Old) 05. SOPRA 06. ACP 06. ACP 06. ACP 06. ACP 06. ACP 06. ACP 06. Drugs 09. Local 10. Unit discharge 10. Unit discharge 10. Unit discharge 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS Currently Selecte Admit from (type) equals A.	Key Surrame Forename Hospital number Date of birth Sex Date admitted to this Unit Time admitted to this Unit Age CHI number MISSING CHI number MISSING CHI number MISSING CHI number (Consultant) Also under (Consultant) Admitted from (name) Admit from (type) Housed within (Admit from type) ▼ Previously located Emergency Department	Courses Degins with ends with contains is not equal to	A Emergency Department B. Recovery only (no operation) C. Recovery only (no operation) D. Ward E. Intensive Care Unit F. High Dependency Unit G. Other intermediate care area H. Obstetrics area I. Imaging department J. Clinic K. Home or normal residence A. Emergency Department And new line with Or Add new line with Ar Add new line with Or
2. Perform Searc	h Using Selected Criteria	Limit search to cu	urrent ward Search Held Result Search All Patients
Result (Records	Found Using Selected Criteria)	2 out of 30 patients	(6.7%) match the above criteria
			Group by a data field Display data fields

When you click on the And button, the search moves on to a new line and the Comparison, and Option/Value columns are cleared ready for you to define the second line of your search. You will notice also that once you have clicked on the And button the Or button becomes greyed, indicating that it can no longer be used (figure 1.3b).

If we define elderly patients as those who are over 65 years of age, you can complete the second line of the search by clicking on **Age** in the Field column and then **is more than** in the Comparison column (figure 1.3d).

Screen	Field	Comparison	Choose option or type value in box(es) below
01. Advail 02. History (Old) 02. History (Old) 03. Diagnoses 04. Sevently (Old) 04. Sevently (Old) 04. Sevently (Old) 06. ACP (Old) 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge 11. Hospita discharge 12. Special 13. SofkrA.gummary 13. SofkrA.gummary 14. Softa J. SofkrA.gummary 15. TISS Currently Selects	Key Survame Forename Hospital number Date of birth Sex admitted to this Unit Time admitted to this Unit Arge CHi number CHi number Date admitted to this Nont CHi number Date admitted to this hospital Cap (days) to Unit admission Under care of (Consultant) Also under (Consultant) Admitted from (name) Admitted from (type) Previously located	Is equal to Is more than Is the set of the	
Admit from (type) equals A. And Age is less than 65	Emergency Department		
2. Perform Searc	h Using Selected Criteria	Limit search to curre	ent ward Search Held Result Search All Patients
	Found Using Selected Criteria)	2 out of 30 patients (6.3	

In this case, you will notice that you are not presented with a list of possibilities in the **Option/Value** column but rather the I-beam cursor is flashing in the first box immediately underneath the Option/Value column. You are not presented with a choice of options in this case because the field (piece of information) you are searching on does not have a standard list associated with it. You will need to type in the value you want to look for. In this case you would type 65 (figure 1.3d).

Now that you have defined the criteria fully, you can perform the search by clicking on the **Search All Patients** button.

You can repeat the process of adding more lines to the search by clicking on the **And** button again to add a third line to your search. For example:

IU

Figure 1.3e

1. Select Search C	Criteria		
Screen D1. Advate 02. History 02. History 03. Diagnoses 04. Severity 04. Severity 05. SOPRA 05. SOPRA 06. ACP 06. ACP 06. ACP 06. ACP 06. ACP 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS Currently Selected Admit from (type) equals A. Er And Age is tes sthan 65	nergency Department	Comparison is equal to is more than is esses than or equal to is between is not and	Choose option or type value in box(es) below
	Using Selected Criteria ound Using Selected Criteria)	♥ Limit search to current w 2 out of 30 patients (6.7%)	

The above search patients who were admitted from the Emergency Department, and were admitted under general medicine and under 65 years old.

You can have a search which has up to 40 lines of search criteria.

* For admit specialty search be aware there was a change in the list in May 2019 which will result in some specialties no longer showing in the pick list or the name has changed, for these cases please type in the specialty or in the case of paediatrics or orthopaedics use paed@ or ortho@. Geriatric medicine is now medicine of the elderly for early searches use @medicine.(@will pick up any words that begin with the letters before/ after it) Deleted specialties :chronic pain,dermatology,ophthalmology, psychiatry and rheumatology.

Scottish Intensive Care Society Audit Group 1.3.2 Modifying Earlier Lines of a Complex Search

You may find yourself in the situation where you have got to the final line of a search and realise that you have made a mistake in an earlier line. Say, for example, that you had accidentally typed 64 into the second line of the search and now wanted to correct it. You can bring up the criteria for the second line of the search in the search columns by pointing to and clicking on the desired line of the search in the text box immediately beneath the four columns.

Figure 1.3f

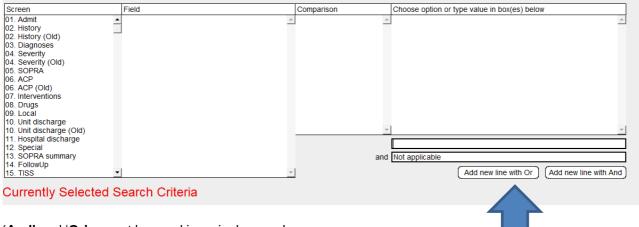
Screen	Field	Comparison	Choose option or type value in box(es) below
01. Admit	 Readmission to this Unit 	 equals 	 Burns surgery
02. History	Admitting specially	begins with	Cardiac surgery
02. History (Old)	Unit admission prompted by trauma	ends with	Cardiology
03. Diagnoses	CPR in 24h prior to admission to Unit	contains	Chronic pain
04. Severity	HAI Antimicrobials in prior 48 hours	is not equal to	Dermatology
04. Severity (Old)	HAI Antimicrobials day 1 or 2		ENT
05. SOPRA	Weight		Gastroenterology
06. ACP	Height		General medicine
06. ACP (Old)	BMI		General surgery
07. Interventions	Clinical Frailty Scale		Geriatric medicine
08. Drugs	Ethnicity		Haematology
09. Local	HAI Surgery at admission		Infectious diseases
10. Unit discharge	HAI Surgery in first 7 days		Maxillo-facial surgery
10. Unit discharge (Old)	HAI nature of surgery		Neurology
11. Hospital discharge	Admitted for ELECTIVE pre-surgical optimisation		General medicine
12. Special	Admitted for EMERGENCY pre-surgical prepar	atio	
13. SOPRA summary	Evidence to assess PMH		and Not applicable
14. FollowUp	Very severe cardiovascular disease	-	
15. TISS	 Severe respiratory disease 	<u> </u>	Add new line with Or CAdd new line with An
Currently Selecte Admit from (type) equals A. And Admitting specialty equa And Age is less than 65			
2. Perform Searc	h Using Selected Criteria	Limit search to cur	Search Held Result Search All Patients
Result (Records	Found Using Selected Criteria)	2 out of 30 patients ((6.7%) match the above criteria
Result (Records	Found Using Selected Criteria)	2 out of 30 patients ((6.7%) match the above criteria
Result (Records	Found Using Selected Criteria)	2 out of 30 patients ((6.7%) match the above criteria Group by a data field Display data fields

When you click on the appropriate line, it will be briefly highlighted and the search criteria of that line will become the current values of the four columns (figure 1.3f). You can then amend the search criteria within the relevant column(s).

Scottish Intensive Care Society Audit Group 1.3.3 The Difference Between 'And' and 'Or'

If you are interested in finding patients who meet BOTH elements of the search criteria (ie the patient must be admitted from the Emergency Department **AND** be more than 65), you join the two lines of the search by using the 'And' button. In some circumstances, you may be interested in finding patients who meet EITHER of two criteria. A common example is finding patients who were admitted under the care of EITHER Consultant A **OR** Consultant B. You want WardWatcher to include the patient if either of the search criteria is applicable. In this case, you would join the two lines of the search by clicking on the **Or** button (middle right of screen, figure 1.3g).

Figure 1.3g



'And' and 'Or' cannot be used in a single search.

You may wonder why it is not possible to mix 'And' and 'Or' in a single search. For example, say you wanted to find any patient who was admitted under the care of Consultant A or Consultant B and who was admitted from the Emergency Department. You may think that the best way to do this would to perform a search along the following lines:

Under care of (Consultant) equals Consultant A Or Under care of (Consultant) equals Consultant B And Admit from (type) equals A. Emergency Department

Say, however, that you wanted to find any patient who was admitted under the care of Consultant A OR any patient who was under the care of Consultant B who was also admitted from the Emergency Department (ie you are interested in only those patients under Consultant B who also came from the Emergency Department, but are interested also in Consultant A patients who came from any source). In order to find these patients you might construct the following search:

Under care of (Consultant) equals Consultant A Or Under care of (Consultant) equals Consultant B And Admitted from (type) equals A. Emergency Department

As you can see, the text of the two searches is identical, although you are looking for patients matching two different criteria. This is because the lines you have entered could be interpreted in two possible ways and because WardWatcher has no way of knowing which interpretation you have put on the search criteria, it is better to avoid any possible confusion by breaking the search into its two component parts.

This is where we would use the Hold Last Result and Search Held result buttons.

1.3.4 Store Search Result and Search Stored Result

If you wanted to find any patients admitted from the Emergency Department who were admitted under the care of Consultant A or Consultant B, you would first find any patient admitted from the Emergency Department, and then perform a second search among just those patients to find which of them were under the care of Consultant A or B.

So, you would first perform the following search:

Figure 1.3h

1. Select Search Cri	teria		
Screen	Field	Comparison	Choose option or type value in box(es) below
01. Admit 02. History (Old) 03. Diagnoses 04. Severity (Old) 05. SOPRA 06. ACP 06. ACP 06. ACP (Old) 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS	Key Surname Forename Hospital number Date of birth Sex Date admitted to this Unit Time admitted to this Unit Age CHI number MISSING CHI number Date admitted to this hospital Gap (days) to Unit admission Under care of (Consultant) Admitted from (name) Admitted from (name) Housed within from type) Previously located Search Criteria	Contains begins with contains is not equal to	A Emergency Department B. Recovery/theatre (post operation) C. Recovery only (no operation) D. Ward E. Intensive Care Unit F. High Dependency Unit G. Other intermediate care area H. Obstetrics area I. Imaging department J. Clinic K. Home or normal residence A. Emergency Department A. Emergency Department Add new line with Or Add new line with And
Admit from (type) equals A. Emer 2. Perform Search L	Jsing Selected Criteria	F Limit search to curren	T ward Search Held Result Search All Patients
Result (Records For	und Using Selected Criteria)	2 out of 30 patients (6.7	%) match the above criteria

After clicking on **Search All Patients** (figure 1.3h) to perform the search, you would then click on the button **Hold Last Result** (figure 1.3i). Clicking on Hold last result causes WardWatcher to remember this group of patients.

Figure 1.3i

Re-use Last Criteria	Screen	Field	Comparison	Choose option or type value in box(es) below
Load Saved Criteria Save Current Criteria Clear Current Criteria	D1. Admid 02. History (Old) 03. Diagnoses 04. Sevently 04. Sevently (Old) 05. SOPRA 06. ACP 06. ACP 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge (Old) 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS	Key Surname Forename Hospital number Date of birth Sey Date admitted to this Unit Time admitted to this Unit Time admitted to this Unit Age CHi number MISSING CHi number MISSING CHi number (Consultant) Date admitted to this hospital Gap (days) to Unit admission Under care of (Consultant) Admitted from (name) Admitted from (name) Housed within (Admit from type) "Previously located	crystals begins with ends with contains is not equal to	A. Emergency Department B. Recovery Indext (cost operation) C. Recovery only (no operation) D. Ward E. Intensive Care Unit F. High Dependency Unit G. Other Intermediate care area H. Dostetrics area I. Imaging department J. Clinic K. Home or normal residence A. Emergency Department and Not applicable Add new line with Or Add new line with And
Last Search Hold Last Result Add Held Result Subtract Held Overlap With Held		d Search Criteria mergency Department		2
Reload Held				
Reload Held	2. Perform Search	h Using Selected Criteria	Limit search to curr	ent ward Search Held Result Search All Patients
Reload Held		h Using Selected Criteria Found Using Selected Criteria)		ent ward Search Held Result Search All Patients
Reload Held Patient List Bed Plan		-		

Next, click on the Clear Search Criteria (figure 1.3j) to erase the previous search criteria.

Figure 1.3	j				
Utilities	1. Select Search (Criteria			
Re-use Last Criteria	Screen	Field	Comparison	Choose option or type value in box(es) below	
Load Saved Criteria Save Current Criteria Clear Current Criteria	D1 Admit 02 History 02 story (Old) 03 prove 06 prove 06 ACP (Old) 07 Interventions 08 Drugs 09 Local 10 Unit discharge 10 Unit discharge 10 Unit discharge 11 Hospital discharge 12 Special 13 SOPRA summary	Summe Summe Forename Forename Hospital number Date of birth Sex Date admitted to this Unit Time admitted to this Unit Age CHI number MisSING CHI number Date admitted to this hospital Gap (days) to Unit admission Under care of (Consultant) Adsounder (Consultant) Admitted from (name)	■ <u>L712-3</u> Degins with ends with contains is not equal to	A Encryparcy Department B Recovery/theatre (post operation) C Recovery only (no operation) D Ward E intensive Care Unit F. High Dependency Unit G. Other intermediate care area H. Obstetrics area H. Obstetrics area L Imaging department J. Clinic K. Home or normal residence	
	14. FollowUp 15. TISS	Housed within (Admit from type) Previously located	•	Add new line with Or Add new line with And	
Last Search	Currently Selected	d Search Criteria			
Hold Last Result Add Held Result Subtract Held Overlap With Held	Admit from (type) equals A. E	mergency Department		<u>×</u>	
Reload Held				Y	
	2. Perform Search	Using Selected Criteria	Limit search to curr	rrent ward Search Held Result Search All Patients	
	Result (Records F	ound Using Selected Criteria)	2 out of 30 patients (6	(6.7%) match the above criteria	
Patient List				Group by a data field Display data fields	
Bed Plan					
Log Off	Current user: Adr	ninistrator		ICU	J

Now you can enter the additional set of search criteria (figure 1.3k):

Figure 1.3k

1. Select Search	Criteria				
Screen	Field	Comparison	Choose option of	or type value in box(es) below	٦.
01. Admit	▲ Key	 equals 	▲ Foster		*
02. History (Old) 03. Diagnoses 04. Severity (Old) 05. SoPRA 06. ACP 06. ACP 07. Interventions 08. Drugs 09. Local 10. Unit discharge 10. Unit discharge 10. Unit discharge 11. SoPRA 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS Currently Selecte Under care of (Consultant) e Or Under care of (Consultant)	equals Foster	 begins with ends with contains is not equal to 	McCoy	(Add new line with Or) (Add new line with And	
2. Perform Searc	h Using Selected Criteria	☑ Limit search to cu	irrent ward	Search Held Result Search All Patients	-
Result (Records	Found Using Selected Criteria)	2 out of 2 patients (100%) match the above o	criteria	
				Group by a data field Display data fields	\supset

Admit/under care of/equals/MacDonald **Or**

Admit/under care of/equals/Smith.

Then, instead of clicking on the Search All Patients button (which would find any patients in the database who were admitted under Dr MacDonald or Smith, you should click on **Search held result** (figure 1.3k). **Search held result** restricts its search to those patients in the stored group (in this case, patients admitted

from the Emergency Department). The result of clicking on Search Stored result is to return any patient who was admitted from the Emergency Department who was admitted under the care of Dr MacDonald or Smith.

1.3.5 A Closer Look at Comparison Options

The options you are presented with under the Comparison column depend on the type of data which you are searching for.

1.3.5.1 Comparison Options for Text Fields

Let us imagine that you are searching for patients with a given surname. When you choose Surname in the Field column, you are presented with four options: equals, begins with, ends with or contains.

Begins with and ends with are self-explanatory. However, there is an important difference between equals and contains.

When you use equals, you are looking for an EXACT match between the value in the **Option/Value** box and the piece of information recorded for a given patient.

For example, if you performed the following search: Surname **equals** Smith, you would only find those patients whose name has precisely those five letters in precisely that order.

If you had performed the following search: Surname **contains** Smith, you would find anybody with that combination of five letters anywhere in their surname. As well as people named Smith, you would also find surnames such as: Arrowsmith, Goldsmith, Smithson and Smithies.

Generally, this distinction is very obvious but sometimes you may get an unexpected result because you are actually looking for the wrong thing. For example, if there has been a patient called Clarke (with the "e" at the end) and you do the following search: Surname equals Clark (without the "e"), you won't find the patient because Clark is not the same as Clarke.

Be aware of this if you ever get an unexpected result!

1.3.5.2 Comparison Options for Numeric Fields

When you are searching for patients based on numeric data (age, for example), you are presented with seven options under the Comparison column: is equal to, is more than, is less than, is more than or equal to, is less than or equal to, is between and is not.

When you are searching for patients based on the data in a numeric field, you are often looking for patients within a given range. For example, you might be looking for patients between 25 and 30. You could find these patients by constructing the following search:

Age is more than or equal to 25 And age is less than or equal to 30

Rather than having to do this, you can use the '**is between**' search comparison to define the criteria in a single line. When you use the 'is between' comparison, you type the first number into the first box and the second number into the second box (ie the one preceded by the word 'and'):

Figure 1.3I

1. Select Search C	Criteria		
Screen	Field	Comparison	Choose option or type value in box(es) below
11. Admit 02. History (Old) 03. Diagnoses 04. Severity (Old) 05. SOPRA 06. ACP 06. ACP (Old) 07. Interventions 08. Drugs 09. Local 10. Unit discharge 11. Hospital discharge 12. Special 13. SOPRA summary 14. FollowUp 15. TISS	Key Summe Forename Hospital number Date of birth Sex Date admitted to this Unit Time admitted to this Institute CHI number Date admitted to this hospital Gap (days) to Unit admission Under care of (Consultant) Admitted from (name) Admitt from (type) Housed within (Admit from type) Previously located	▲ Is equal to is more than is more than or equal to is less than or equal to is best han or equal to is between is not	Z5 Add new line with Or Add new line with And Add new line with And
Age is between 25 and			×
2. Perform Search	Using Selected Criteria	Limit search to current v	Vard Search Held Result Search All Patients
Result (Records F	ound Using Selected Criteria)	Search not yet performed]
			Group by a data field Display data fields

The same facility exists when you are looking for patients matching criteria between two given dates. For example, to find patients admitted during January 2010, you would select Admit/date admitted to this unit/is between 01/01/2010 and 31/01/2010.

1.4. Viewing Information on Patients Matching Search Criteria

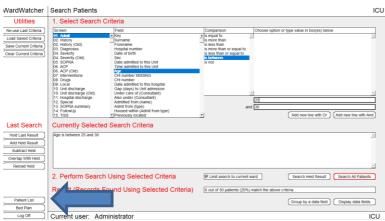
Once you have found the patients who match the given search criteria, you have a number of options open to you:

- View the records
- Produce a graph (single piece of data)
- Produce a report (multiple pieces of data)

1.4.1 View the records

Click on the button marked **Patient List** (figure 1.4a) to return to the Patient List. The list will display only those patients matching the search criteria.

Figure 1.4a



Once back at the Patient List, double click on any patient to open the record. Use the next Patient buttons on the left hand side of the page (figure 1.4b) to go forward or backward from one patient to the next on this list.

Figure 1.4b

File Edit Report Help	Admission & Identity	(0123456789) Forename75	5 Surname75 (H75) ICU
SICS Admission & Identity History Diagnoses 24 Hour Physiology ACP Drugs/Interventions Laboratory Data Local Custom Questions Custom Daily HAI Unit Discharge Follow Up	Sumame Sumame75 Forename Forename75 Hospital number H75 Date of Birth 07/09/1983 Unit admission date 17/01/2010 Unit admission age 26	04:00 Housed within Previously located 0123456789 Housed within	Surname75 (H75) ICU Foster - McCoy - Source - B. Recovery/theatre (post operation) - A. This hospital site - A. This hospital site - A. Emergency Department - GP Details: -
Hospital Discharge	Post code: Telephone: XX1 1YY 0123 456 789	Telephone: 0123 456 789	Post code: Telephone: ZZ1 1ZZ 0123 456 789
Update from PAS/CIS Help for this Screen Previous Patient Next Patient Patient List Bed Plan Log Off	Admission comments:	Decord 4 of C color	View Chart Print Kardex
	Current user: Administrator	Record 1 of 6 select	ted Pat ID: 20973

1.4.2 Producing a Graph

To produce a graph, click on the Group by a data field button (figure 1.4c), on the patient list. **Figure 1.4c**

Ward Watcher	Patient List		D	isplaying	6 of 30	admissio	ns to this Un	it		ICU	•
Find	Surname	Forename	Number	DOB		From	Discharged			Consultant	Pat ID
	Surname75	Forename75	H75		17/01/2010		17/01/2010		0.4	Foster	20973
Surname	Surname74 Surname6	Forename74 Forename6	H74 H6		17/01/2010 15/03/2010			Destination Destination	0.9 2.0	Foster Foster	20975 21210
ICNARC Number	Surname5	Forename5	H5		16/03/2010			Destination	0.0	Foster	21210
	HUCKLEBERRY	Henrietta	нз		17/03/2010		10/00/2010	Destination	0.0	Foster	21220
Pat ID	SULTANA	Sally	HN1234	04/05/1987	01/03/2016				0.0		21232
Discharged Bed Plan											
Currently in Beds											
Missing Unit Data											
All on Bed Plan											
Left Unit											
All Patients this Unit											
Missing Hospital Data											
Treated Between											
Find Other											
Sort											
Admit Order											
Other Sort											
Report											
Display data fields											
Group by a data field											
Bed Plan											

The page below (figure 1.4d) will appear. Graphs give you the option to view one piece of information at a time on your selected cohort of patients.

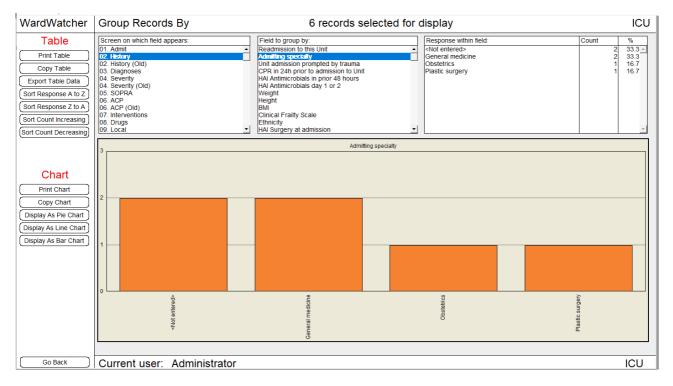
In the top left hand box (highlighted in figure 1.4d), the list automatically defaults to the Admit page. Fields from this page are listed in the box below 01. Admit.

	Group Records By	6 records selected	d for display	ICU
Table Print Table Copy Table Export Table Data Sort Response A to Z Sort Response Z to A Sort Count Increasing Fort Count Decreasing	Screen on which field appears: D1 Admit 02. History 03. Diagnoses 04. Severity 05. Old 05. SOPRA 06. ACP 06. ACP 07. Interventions 08. Drugs 09. Local	 Field to group by: Sex CHi number MISSING Gap (days) to Unit admission Under care of (Consultant) Adso under (Consultant) Admit from (type) Housed within (Admit from type) Previously located Housed within (Previously located) Nature of surgery Post code (first part) 	Response within field:	Count %
Chart Print Chart Copy Chart Display As Pie Chart Display As Line Chart Display As Bar Chart				

To view what specialty the cohort of patients are under, you would choose 'Admit specialty'. As this information is completed on the 'History' page, change the **Admit** page (top left hand box, highlighted in figure 4d) to **History** and click on **Admitting specialty** to highlight (figure 1.4e).

Figure 1.4e

Figure 1.4d



Both a table (top right of screen) and bar graph will appear.

You are able to change the type of graph by clicking on the various graphs to the left of the bar graph. To use this graph in another document (eg PowerPoint), click on **copy to the left of** the graph and then **Edit/paste** in the desired file. You also have the option to print.

The table can also be copied into another document by clicking on copy to the left of the table and then Edit/paste in the desired file.

Section 2: New Quick Report

2.1 General Information

The New Quick Report is an ad hoc reporting tool that allows you to display, print out, export or copy any piece of information stored in WardWatcher.

There are a few ways to access this report, via the search page or from the patient list.

Search page: use this option if you want to review data on patients who meet specific criteria (eg admitted to the Emergency Department and over the age of 80). See Sections 1 for instructions on searching. Once the search has been selected, click on **display data fields on the bottom search page** (figure 1.4e) to enter the 'New quick report' page.

Figure 2.1a

Screen	Field	Comparison	Choose option or type value in box(es) below
Admid A	Field Surname Forename Forename Forename Forename Date of birth Sex Date admitted to this Unit Time admitted to this Unit Time admitted to this Unit Age CHI number Date admitted to this hospital Gap (days) to Unit admission Under care of (Consultant) Admitted from (type) Housed within (Admit from type) ▼ Previously located Search Criteria	Comparison	Choose option or type value in box(es) below
. Perform Searcl	n Using Selected Criteria	Limit search to curre	ent ward Search Held Result Search All Patients
	n Using Selected Criteria Found Using Selected Criteria)	F Limit search to curre Search not yet perform	

Scottish Intensive Care Society Audit Group 2.1.1 The New quick report page

Figure 2.1b

NardWatcher	New Quick Report	21 admissions selected for display	IC
Utilities	File Edit Font Style Records		
Print displayed data	01. Admit		
xport displayed data	Surname		
	Forename		
ort displayed data	Hospital number Date of birth		
Add report header	Sex		
Add report footer	Date admitted to this Unit		
	Time admitted to this Unit Age		
	CHI number MISSING		
Save as template	CHI number		
pen saved template	Date admitted to this hospital Gap (days) to Unit admission		
	Under care of (Consultant)		
	Also under (Consultant)		
Columns	Admitted from (name) Admit from (type)		
Calculate totals	Housed within (Admit from type)		
	Previously located		
	Housed within (Previously locat Nature of surgery		
	Patient's address		
	Post code (first part)		
	Post code (second part) Patient's telephone number		
	Next of kin address		
	Next of kin telephone number		
	GP details GP surname		
	GP forename		
	GP salutation		
	GP address		
	GP post code (first part) GP post code (second part)		
	GP telephone number		
	Admission comments		
Go Back	Current user: Administrator		ICL
Go Back	Current user: Administrator		

The Report screen consists of two primary areas. On the left of the screen is an area headed by a pop-up menu which contains a list of the data entry screens (similar to what you will be familiar with from the Search screen). Below this is a list of fields (pieces of information) which are located on the chosen screen. On the right is a blank display area, where information which you select from the database will be displayed.

When you first come into the new quick report, the fields from the Admission screen (01. Admit) are shown by default. You can choose to display the fields located on a different screen by clicking on the pop-up menu and selecting a different screen (figure 2.1c).

Figure 2.1c

/ardWatcher	New Quick Report	21 admissions selected for display	IC
Utilities	File Edit Font Style Records		
	06. ACP -		
Print displayed data	Ventilation days (ACP)		
xport displayed data	Renal support days (ACP) ACP days at Level 3		
Sort displayed data	ACP days at Level 2		
Add report header	ACP days at Level 1		
	ACP days at Level 0 ACP date		
Add report footer	ACP date		
	ACP Final day on Unit		
<u> </u>	ACP Level 3 day		
Save as template	ACP Level 2 day		
pen saved template]	ACP Level 1 day ACP Level 0 day		
	Patient on ventilator in Unit today		
	Connected to a ventilator		
0.1	CPAP (ACP)		
Columns	O2 50% or more		
Calculate totals	O2 less than 50%		
	Nil respiratory management ET tube (ACP)		
	Trache (ACP)		
	Mask/Hood/Cannulae (ACP)		
	Reintubated		
	Intubation/reintubation consider		
	High Flow Nasal Oxygen		
	Multiple IV vasoactive drugs		
	Single IV vasoactive drug		
	Cardiac output monitoring Type cardiac output monitoring		
	Circulatory instability		
	Central venous catheter (ACP)		
	Arterial line (ACP)		
	Acute renal replacement therapy		
	Invasive neuro monitoring		
	Severely agitated		
	CNS depression prejudicing air		

Scottish Intensive Care Society Audit Group 2.2 Displaying Information in the Display Area

To view the value for a given field (piece of information) for the currently selected group of patients, you simply double click on the field you want to be displayed.

A column displaying the value of the selected field for each patient will appear in the display area (WardWatcher **key** number in figure 2.2a).

Figure 2.2a

NardWatcher	New Quick Report	21 admissions selected for display	ICL
Utilities	File Edit Font Style Records		
	01. Admit - Key		1
Print displayed data	Key 21112		
Export displayed data	Surname 21130		
	Forename 21138		
Sort displayed data	Hospital number 21144 Date of birth		
Add report header	Sex 21179		
	Date admitted to this Unit 21185		
Add report footer	Time admitted to this Unit 21203		
	Age 21205		
	CHI number MISSING 21217		
Save as template	CHI number 21220		
Open saved template	Date admitted to this hospital 21226		
open saved template	Gap (days) to Unit admission 21230		
	Under care of (Consultant) 21231		
	Also under (Consultant)		
Columns	Admitted from (name)		
Columns	Admit from (type)		
Calculate totals	Housed within (Admit from type) 21235 Previously located 21236		
م	Housed within (Previously locat 21237		
	Nature of surgery 21239		
	Patient's address 21240		
	Post code (first part) 21240		
	Post code (second part)		
	Patient's telephone number		
	Next of kin address		
	Next of kin telephone number		
	GP details		
	GP surname		
	GP forename		
	GP salutation		
	GP address		
	GP post code (first part)		
	GP post code (second part)		
	GP telephone number		
	Admission comments		

Go Back Current user: Administrator

ICU

To add a second column of information to the display area, simply repeat the process by double clicking on the next selected field. It will then appear to the right of the currently displayed column.

You can add as many columns to the display area as there is room to display them.

2.2.1 Replacing a column

You can replace one column with another simply by dragging the new column from the list over the existing column. For example, if you wanted the patient's age to be displayed instead of the sex, you would simply drag the age field over the existing sex column as demonstrated in figure2.2c

rdWatcher New Quic	k Report	21 admissions select	ted for display	IC		
	File Edit Font Style Records					
01. Admit	✓ Key	Sex	CHI number			
nt displayed data	<u></u> 21112	M	0123456789			
ort displayed data	21130	M	0123456789			
Forename	21138	M	0123456789			
t displayed data Date of birth	21144	M	0123456789			
d report header) Sex	21179	M	0123456789			
dd report footer	this Unit 21185	F	0123456789			
Time admitted to		F	0123456789			
Age	21205	F	0123456789			
CHI number MISS	SING 21217	F	0123456789			
ave as template CHI number	21220	F	0123456789			
n saved template Date admitted to		M	0123456789			
Gap (days) to Ur		M	000000000			
Under care of (C		F	000000000			
Also under (Con		F				
Columns Admitted from (n Admit from (type		F	0102640007			
Housed within (A		F	0203670045			
Calculate totals Previously locate		M	0203450007			
Housed within (P		F	0609850003			
Nature of surger		M				
Patient's address	21240	м				
Post code (first p	art) 21241	F	1001865233			
Post code (seco	nd part)					
Patient's telepho						
Next of kin addre						
Next of kin teleph	ione number					
GP details GP surname						
GP surfame GP forename						
GP salutation						
GP address						
GP post code (fi	st part)					
GP post code (se						
GP telephone nu						
Admission comm	ents I					

When you release the mouse, the column is replaced with the new information.

Figure 2.2c

/ardWatcher	New Quick Report	21 admis	sions selected fo	r display	IC
Utilities	File Edit Font Style Records	Key	Age	CHI number	1
Print displayed data	Key	21112	57	0123456789	
	Surname	21130	55	0123456789	
xport displayed data	Forename	21138	46	0123456789	
Sort displayed data	Hospital number	21144	44	0123456789	
Add report header	Date of birth	21179	52	0123456789	
	Sex	21185	55	0123456789	
Add report footer	Date admitted to this Unit	21203	59	0123456789	
	Time admitted to this Unit	21205	48	0123456789	
	Age CHI number MISSING	21217	52	0123456789	
Save as template	CHI number	21220	29	0123456789	
	Date admitted to this hospital	21226	62	0123456789	
pen saved template	Gap (days) to Unit admission	21220	31	000000000	
	Under care of (Consultant)	21230	51	000000000	
	Also under (Consultant)	21231	28	00000000	
0	Admitted from (name)		53	0400040007	
Columns	Admit from (type)	21234		0102640007	
Calculate totals	Housed within (Admit from type)	21235	50	0203670045	
	Previously located	21236	72	0203450007	
	Housed within (Previously locat	21237	32	0609850003	
	Nature of surgery	21239	41		
	Patient's address Post code (first part)	21240	0		
	Post code (second part)	21241	34	1001865233	
	Patient's telephone number				
	Next of kin address				
	Next of kin telephone number				
	GP details				
	GP surname				
	GP forename				
	GP salutation				
	GP address				
	GP post code (first part)				
	GP post code (second part)				
	GP telephone number				
	Admission comments				
Go Back]	Current user: Admi	nistrator			ICI

Scottish Intensive Care Society Audit Group 2.2.2 Changing the order in which columns are displayed

You can change the order in which the columns are displayed by holding down the **Alt** key while the cursor is in the **Header** area at the top of the column (figure 2.2d), and then dragging one header over the other. When you release the click button, the columns are swapped. The two columns do not have to be beside each other but can be separated by intervening columns.

rdWatcher	New Quick Report		21 admissions sel	lected for display	ICL
Utilities	File Edit Font Style Records	_			
Oundes	01. Admit 👻	Age	Key	CHI number	
nt displayed data	Key	57	21112	0123456789	
ort displayed data	Surname	55	21130	0123456789	
	Forename	46	21138	0123456789	
t displayed data	Hospital number Date of birth	44	21144	0123456789	
report header	Sex	52	21179	0123456789	
	Date admitted to this Unit	55	21185	0123456789	
d report footer	Time admitted to this Unit	59	21203	0123456789	
	Age	48	21205	0123456789	
	CHI number MISSING	52	21217	0123456789	
/e as template	CHI number	29	21220	0123456789	
saved template	Date admitted to this hospital	62	21226	0123456789	
1 saved template	Gap (days) to Unit admission	31	21230	000000000	
	Under care of (Consultant)	51	21231	000000000	
	Also under (Consultant)	28	21232		
Columns	Admitted from (name)	53	21234	0102640007	
olumna	Admit from (type)	50	21235	0203670045	
alculate totals	Housed within (Admit from type) Previously located	72	21236	0203450007	
	Housed within (Previously locat	32	21237	0609850003	
	Nature of surgery	41	21239	00000000	
	Patient's address	0	21240		
	Post code (first part)	34	21240	1001865233	
	Post code (second part)	34	21241	1001063233	
	Patient's telephone number				
	Next of kin address				
	Next of kin telephone number				
	GP details				
	GP surname				
	GP forename				
	GP salutation				
	GP address GP post code (first part)				
	GP post code (second part)				
	GP telephone number				
	Admission comments				
					E

2.2.3 Resizing a column

Just as in programs like Microsoft Excel, you can change the width of a column (resize it) by moving the mouse so that the cursor is in the area of the column header, at its right hand side. When the cursor is in this position, its shape changes to a double sided arrow.

You resize the column by clicking and holding down the click button, and then dragging the column (to the left or right) until it is at the desired width. You then release the click button.

2.2.4 Resizing the List of Fields

You can resize the list of fields in the same way that you resize any other column. Just move the mouse until the cursor is at the right edge of the header, and drag to the desired position.

Figure 2.2e

WardWatcher	New Quick Report			21 admissions selected for display	ICU
Utilities	File Edit Font Style Records	1			1.4
	01. Admit 👻	Age	Key	CHI number	<u></u>
Print displayed data	Key	<u> </u> 57	21112	0123456789	
Export displayed data	Surname Forename	55	21130	0123456789	
	Hospital number	46	21138	0123456789	
Sort displayed data	Date of birth	44	21144	0123456789	
Add report header	Sex	52	21179	0123456789	
Add report footer	Date admitted to this Unit	55	21185	0123456789	
	Time admitted to this Unit	59	21203	0123456789	
	Age	48	21205	0123456789	
	CHI number MISSING	52	21217	0123456789	
Save as template	CHI number	29	21220	0123456789	
Open saved template	Date admitted to this hospital	62	21226	0123456789	
	Gap (days) to Unit admission	31	21230	000000000	
	Under care of (Consultant) Also under (Consultant)	51	21231	000000000	
	Admitted from (name)	28	21232		
Columns	Admit from (type)	53	21234	0102640007	
	Housed within (Admit from type)	50	21235	0203670045	
Calculate totals	Previously located	72	21236	0203450007	
	Housed within (Previously locat	32	21237	0609850003	
	Nature of surgery	41	21239		
	Patient's address	0	21240		
	Post code (first part)	34	21241	1001865233	
	Post code (second part)				
	Patient's telephone number				
	Next of kin address Next of kin telephone number				
	GP details				
	GP surname				
	GP forename				
	GP salutation				
	GP address				
	GP post code (first part)				
	GP post code (second part)				
	GP telephone number				
	Admission comments				
	L				r)
Go Back	Current user: Adm	inistra	tor		ICU

2.2.5 Running out of Room!

The primary purpose of the display area is to show information from the database on screen and to allow it to be printed out. Because the overwhelming majority of printers cannot handle paper larger than A4, there is little benefit in being able to display more columns than can be fitted into the width of a sheet of A4 paper.

If you want to print out more information than can be handled by the width of a single sheet of A4 paper, you have two options. The first option is to print the first set of columns of information, and then replace these with your second set of columns of information, and subsequently print those. This achieves exactly the same effect as if you had myriads of columns on one screen.

This process is assisted by the ability to **Save** and **Open** templates (see section 2.3).

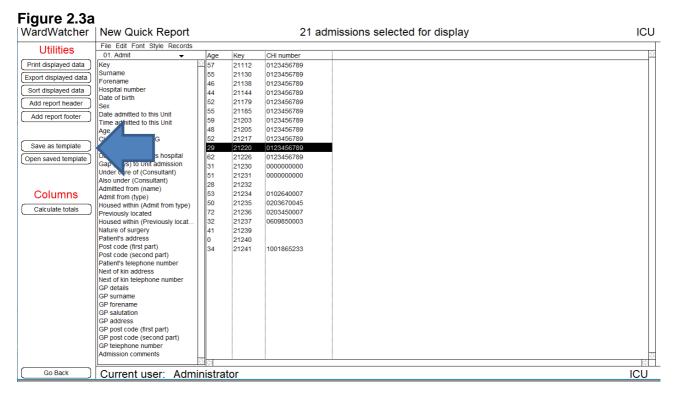
Exporting data provides a second option and will be discussed in section 2.5.

Scottish Intensive Care Society Audit Group 2.3 New Quick Report Templates

A template is a record of the fields of information you want to be displayed. It does not hold information from the database but merely holds a record of the fields. The actual pieces of information which will be displayed will depend on the current selection of patients.

2.3.1 Saving a Template

You save a template by clicking on the Save button on the left hand side of the Report screen.



When you click on the Save button, a dialog box pops up which asks you to give a name to the template. The template stores a record of the selection of fields which are currently being displayed.

Remember that the template simply records that, for the current selection of patients, you want to display the given fields in the given order, ie Key number; age; admitting specialty, Primary diagnosis (unit) and outcome. No actual fields of information are stored.

2.3.2 Opening a Saved Template

Once you have stored a template you can access it by clicking on the **Open saved template** button on the left hand side of the screen (figure 2.3a). The Open button displays a dialog box asking you to select the template of your choice (figure 2.3b).

Figure 2.3b

Load fields from stored template	
Load fields from stored template	Load from highlighted
atics	
Delete highlighted	Close Window

To open the template and cause the relevant information to be displayed for the current selection of patients, you simply move the mouse until the cursor is over the name of the template you want to choose and click the mouse button. You then click **load from highlighted top right** dialog.

2.4 Printing the Display Area

You print the information shown in the display area by clicking on the **Print** button on the bottom right of the screen (figure 2.3a). The print button brings up the standard printer dialog boxes and confirms the printer you want to use, as well as its settings and the number of copies you wish to print.

If you only have a few patients currently selected, then all the information will print on a single sheet. If, however, the current selection has more patients than can be printed on a single sheet, WardWatcher will print as many sheets as are required to provide the chosen information on all the selected patients.

2.4.1 Leaving the Report Screen

You leave the Report screen by clicking the Go Back button at the bottom left of the screen (figure 2.3a).

2.5 Exporting Data

To move a selection of data from WardWatcher into another program (for example, into a specialised statistics package for some types of analysis which are not available in WardWatcher), you have a few options:

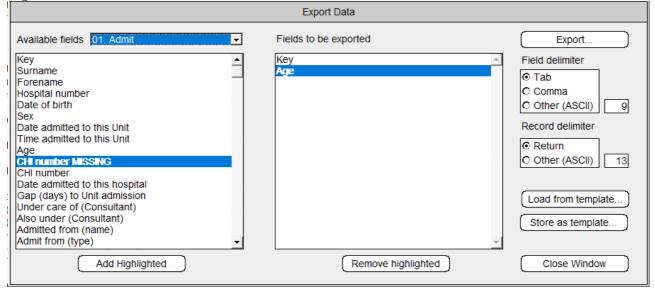
- By use of the Export button (converts data into a text file which can be converted into most programs) OR
- **copying** the data into another program (e.g. Excel).

The advantage of exporting the data is that the header is exported also. This process takes a bit longer initially however it is the preferred method. Copying the data is quicker but as the header is not copied over this has to be done manually. This is fine if only a few columns are being copied.

2.5.1 Using the Export Button

When you click on the Export button, you are presented with a dialog box.

Figure 2.5a



On the left of the dialog box is a list of the fields available from the currently selected data entry screen. Above this list is a pop-up menu which contains a list of the data entry screens. This is similar to what you see on the Report screen itself.

On the right of the export dialog is a list of any of the fields which you have already selected. This list is entitled **Exported Fields**.

2.5.1.1 Adding Additional Fields to the Export List

You can add additional fields to the Exported Fields list by clicking on and highlighting a field in the left-hand list and then clicking on the button containing a right-facing arrow (figure 2.5a).

When you click on the button, the new field is appended to the list of exported fields.

2.5.1.2 Removing a Field from the Export List

You can remove a field from the list of exported fields by highlighting it and clicking on the **Del** (Delete) button (figure 2.5a). The field is then removed from the list of fields to be exported.

2.5.1.3 Suffixes

Under Microsoft Windows, documents on disk are linked to software programs by a three letter suffix which is separated from the name of the document by a full stop. Common suffixes are:

File.doc (for Microsoft Word documents) File.xls (for Microsoft Excel documents) File.ppt (for Microsoft PowerPoint documents) File.txt (generic suffix for any program, denoting it is a text file)

When you click on the Export button on the Export dialog to save the data to disk, a standard Windows dialog appears asking you to give the file a name. You should generally use a suffix like ".txt" so that the export document can be read by any program (such as Microsoft Word or Microsoft Excel) which can read text (.txt) files.

Figure 2.5b

$\leftarrow \rightarrow \land \uparrow$	→ This PC → Desktop	5 V		
Organise 🔻 Nev	folder			
💻 This PC	Name Date r	nodified	Туре	Size ^
🧊 3D Objects	contacts 19/08/	/2020 13:00	File folder	
Desktop	daily emails 20/08/	/2020 08:51	File folder	
Documents	management meeting 11/08/	/2020 15:30	File folder	
Downloads	new desktop stuff 13/08/	/2020 07:55	File folder	
	WW_2020 20/08/	/2020 13:56	File folder	
Music	20/08/	/2020 09:25	Microsoft Word D	1,079 KB
Pictures	2020 SCREENSHOTS FOR ICU 20/08/	/2020 09:20	Adobe Acrobat D	1,407 KB
📑 Videos	2020-07-21_funnelplots_SICSAG 21/07/	/2020 10:12	Microsoft Excel W	569 KB
🎬 OSDisk (C:)	2020-08-10_bedbureaureport_08.00 10/08/	/2020 08:19	Microsoft Excel W	14 KB
PHIBCS (F:)	→ accessibility-tins-and-design-heln-190122 22/07/	/2020 10:05	Adobe Acrobat D	7 716 KB ¥
File name:	test search.TXT			~
Save as type:				~
 Hide Folders 			Save	Cancel

See Appendix 1 for instructions on how to convert a text file into another file (eg excel).

2.5.2 Copying the data directly into another application (e.g. Excel)

To copy over the title, click on the title of the first column (key in figure 2.5c) and hold; then drag mouse along all the other column titles to highlight. Once highlighted, go to **Edit** (top of page) and **copy**. Open a excel file then go to **Edit** and **paste** the title into the first row.

Figure 2.5c

/ardWatcher	New Quick Report	21 a	dmissions selected for display			IC
Utilities	File Edit Font Style Records	Кеу	Date admitted to this Unit	Sex	Age	
Print displayed data	Key	21112	22/02/2010	M	57	
	Surname	21130	23/02/2010	м	55	
xport displayed data	Forename	21138	25/02/2010	м	46	
ort displayed data	Hospital number	21144	26/02/2010	м	44	
dd report header	Date of birth	21179	09/03/2010	м	52	
	Sex	21185	09/03/2010	F	55	
Add report footer	Date admitted to this onit	21203	14/03/2010	F	59	
	Time admitted to this offic	21205	14/03/2010	F	48	
	Age CHI number MISSING	21217	17/03/2010	Ē	52	
Save as template	CHI number	21220	17/03/2010	F	29	
		21226	19/03/2010	M	62	
en saved template		21230	22/02/2016	M	31	
	Under care of (Consultant)	21231	25/02/2016	C	51	
	Also under (Consultant)	21232	01/03/2016	Ľ	28	
Columns	Admitted from (name)	21232	01/09/2017	E .	53	
Columns	Admit from (type)	21234	08/10/2017	Ľ	50	
Calculate totals	Housed within (Admit from type)	21235	01/08/2017		72	
)		21236	1	M	32	
			01/11/2017		32 41	
	Patient's address	21239	01/03/2020	M		
	Post code (first part)	21240	11/08/2020	M	0	
	Post code (second part)	21241	15/08/2020	F	34	
	Patient's telephone number					
	Next of kin address					
	Next of kin telephone number					
	GP details					
	GP surname					
	GP forename					
	GP salutation					
	GP address					
	GP post code (first part)					
	GP post code (second part)					
	GP telephone number					
	Admission comments					
Go Back	Current user: Admin	istrator				ICL

Then go back to the screen and click on **Ctrl** and **A** to highlight all the fields of data (figure 2.5d).

Figure 2.5d

	Quick Report	21 admissions	selected for display			IC
Utilities 01. Adm	Font Style Records		Date admitted to this Unit	Sex	Age	
rint displayed data Key	21112		22/02/2010	М	57	
Surname	21130		23/02/2010	М	55	
Forename			25/02/2010	м	46	
rt displayed data] Hospital n	umber 21144		26/02/2010	м	44	
Id report header	th 21179		09/03/2010	м	52	
JOCA	21195		09/03/2010	F	55	
	lied to this only		14/03/2010	F	59	
	itted to this Unit 21203 21205		14/03/2010	F	48	
Age	er MISSING 21217		17/03/2010	-	52	
ave as template CHI numb			17/03/2010	-	29	
	tted to this hospital 21226		19/03/2010	M	62	
	s) to Unit admission 21220		22/02/2016	M	31	
	af (Canaultant)				51	
	r (Concultant)		25/02/2016	F		
Admitted	rom (name) 21232		01/03/2016	F	28	
Columns Admit from	21234		01/09/2017	F	53	
	thin (Admit from type) 21235		08/10/2017	F	50	
Previously			01/08/2017	М	72	
	thin (Previously locat 21237		01/11/2017	F	32	
Nature of			01/03/2020	М	41	
Patient's a			11/08/2020	м	0	
	(first part) 21241		15/08/2020	F	34	
	(second part)					
Next of kir	elephone number					
	telephone number					
GP details						
GP surna						
GP forena						
GP saluta						
GP addre						
GP post c	ode (first part)					
	ode (second part)					
	one number					
Admission	comments					
Go Back	nt user: Administrator					ICI

Then, click on Edit and copy, then Edit and paste into the excel file.

NB: SICSAG advise NEVER to include patient identifiable data (eg name, DOB, CHI, Postcode) in these reports, and to always include the WardWatcher key number as an easy way of identifying individual records.

If identifiable data is essential please abide by local Data protection and confidentiality guidelines. This is your responsibility.

Section 3: Standard Reports

3.1 General Information

WardWatcher has a list of standard reports which may be useful to you. You must be at the Administrator level of WardWatcher before you can access these reports.

Reports are accessed by selecting the first item **Reports** in the **Report** menu on the discharge list. Figure 3.1a lists some of these reports.

Figure 3.1a

Reports For "Admission".	
<graph editor=""> <new quick="" report=""> <quick editor="" report=""> Activity analysis (general) Activity analysis (time) Admission book</quick></new></graph>	 Report On: Records in File Selected Records Highlighted Records Current Record Only
Age & outcome (general)	Cancel Select

3.1.1 Graph Editor

Graph editor gives you the option to view one piece of information at a time on your selected cohort, see section 4.2 for more information.

3.1.2 New Quick Report

The new quick report is an ad hoc reporting tool that allows you to display, print out, export or copy any piece of information stored in WardWatcher. See section 5 for more information.

3.1.3 Activity analysis (general)

Final information on patients who were **treated** in said dates. Therefore if looking at patients treated in January figures will include information from before and after this period if any of these patients were in the unit at these times.

3.1.4 Activity analysis (time)

Data on occupancy, admissions, discharges, mortality etc for period entered only. This report is very popular and now contains information required by the Scottish Patient Safety Programme: Advanced respiratory days, central line days etc.

3.1.5 Admission book

Automatically prints out a list of patients admitted within a given timeframe. List includes identifiable information, diagnosis and discharge details. It also displays relevant records in discharge list.

3.1.6 Age and outcome (general)

Details for the current selection of records: patient numbers and mortality rates, by age group and ICU outcome, with histogram and pie chart.

3.1.7 Age and outcome (time)

Details for a given period: patient numbers and mortality rates by age group and ICU outcome, with histogram and pie chart.

3.1.8 Care bundle compliance

Compliance data (one month periods), on care bundles set up on the daily page of WardWatcher. To have care bundle compliance set up please contact the SICSAG team.

3.1.9 Case note review

Demographic, Apache, diagnosis and intervention data on either one or a selection of patients. Useful for handover or M&M discussions.

3.1.10 Daily bed occupancy

Daily number of admissions/discharges, and occupancy for up to a period of one month.

3.1.11 Daily bed state at midnight

Daily number of admissions/discharges, and occupancy at midnight for up to a period of one month.

3.1.12 Length of stay

Gives length of stay in days, divided by survivors and non-survivors

3.1.13 Monthly admissions

Groups patients admitted into specific cohorts eg specialty, admit type, consultant for up to one year.

3.1.14 Monthly discharges

Groups patients discharged into specific cohorts for up to one year.

3.1.15 Print list

Prints list of patients currently on the discharge list

3.1.16 Patient Ebb and Flow

Details of changes and duration of occupied beds.

3.1.17 Severity analysis 1 and 2

Distribution of patients by APACHE II score, hospital mortality and predicted/actual mortality.

3.1.18 Transfer

Standard discharge summary. To update this please contact SICSAG team.

Scottish Intensive Care Society Audit Group Section 4: Report Templates

4.1 General Information

This section will show you how to create or modify report templates

You must be at the Administrator level of WardWatcher before you can access templates within WardWatcher. A template report is a single-sheet report containing information about an individual patient. A discharge summary is an example of a template report. Template reports are created using WardWatcher's set of template creation tools.

Report templates are accessed by selecting the second item **Templates** in the **Report** menu on the discharge list.

WWatcher											
Edit Report List Sp	ecial User/Admin	CIS/PAS Help									
ard Reports		st	Dis	playing	21 of 30) admissions	to this Ur	nit		ICU	
Templates	Tourname	Forename	Number	DOB	Admitted	From	Discharged	To	Stay	Consultant	Pat ID
Find	Surname36	Forename36	H36		22/02/2010		Dischargea	Destination	0.0	Foster	21112
Surname	Surname30	Forename30	H30		23/02/2010			Destination	0.0	Foster	21130
ICNARC Number	SNAPE	Severus	H26	1	25/02/2010			Destination	0.0	Foster	21138
ICNARC Number	WEASLEY	Ron	H24	1	26/02/2010			Destination	0.0	Foster	21144
lospital Number	Surname15	Forename15	H15		09/03/2010			Destination	0.0	Foster	21179
Pat ID	Surname12	Forename12	H12	07/12/1954	09/03/2010	Source		Destination	0.0	Foster	21185
)	GRAINGER	Hermione	H8	27/09/1950	14/03/2010	Source		Destination	0.0	Foster	21203
scharged Bed Plan	Surname7	Forename7	H7	14/11/1961	14/03/2010	Source		Destination	0.0	Foster	21205
Currently in Beds	CHANG	Cho	H4	17/03/1957	17/03/2010	Source		Destination	0.0	Foster	21217
	HUCKLEBERRY	Henrietta	H3	27/09/1980	17/03/2010	Source		Destination	0.0	Foster	21220
Aissing Unit Data	POTTER	Harry	H1	25/12/1947	19/03/2010	Source		Destination	0.0	Foster	21226
All on Bed Plan	ROY	Rob	Unknown	28/02/1984	22/02/2016	Recovery/theatre	24/02/2016	Mortuary	2.0	Foster	21230
)	MOUSE	Minnie	RH123456	01/02/1965	25/02/2016				0.0		21231
Left Unit	SULTANA	Sally	HN1234	04/05/1987	01/03/2016				0.0		21232
I Patients this Unit	ORANGE	Olivia	H123456	01/02/1964	01/09/2017	Source	07/09/2017	Destination	6.1	Foster	21234
Patients this Onit	PEACH	Penny	HN234567	02/03/1967	08/10/2017	Source			0.0	Foster	21235
ssing Hospital Data	BUILDER	Bob	H473582	02/03/1945	01/08/2017	Source	03/08/2017	Destination	2.0	Foster	21236
	MINX	Minnie	H665544	06/09/1985	01/11/2017	Source	05/11/2017	Destination	3.8	McCoy	21237
reated Between	NINETEEN	Covid	MRN1234	03/04/1978	01/03/2020	Recovery/theatre	03/03/2020	Normal residence	1.8	Foster	21239
Find Other	BRAEBURN	Billy			11/08/2020				0.0		21240
,	MOUSE	Micky	1001865233	10/01/1986	15/08/2020	A&E			0.0	Foster	21241
Sort											
Admit Order											
Other Sort											
Report											
isplay data fields											
oup by a data field											
Bed Plan											
Log Off		ser: Administr	1	1	1	1	1	1	1	1	ICL

Selecting Templates brings up a list of available template reports:

Figure 4.1b

<graph editor=""></graph>	📥 [Modify]
<new quick="" report=""></new>	
<quick editor="" report=""></quick>	New
Activity analysis (general)	
Activity analysis (time)	
Admission book	Delete
Age & outcome (general)	Delete
Age & outcome (time)	Import
Angela	
Care Bundle Compliance	Export
CJG Discharge Summary	Cancel
CJG Meds disch	
Costing	 Close Window

The list may not be identical to the picture above (figure 10b) because your version of WardWatcher may already have additional template reports. Please note some templates are not adaptable (standard reports).

4.2 Creating a New Template

To create a new template report, click on the **New** button (figure 4.1b). WardWatcher brings up a blank template report (figure 4.2a).



File Edit Object Font Style Arrange A A A B B B B		TEMPLATE REPORT	
		TEM DITENEI ON	
	Report Name		Save
-			
	Scope	Administrator only	Cancel
R			
- 8			
<u> </u>			
<u>s</u>			
1			
-			
£			
3			
-			
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e			
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-			
<u></u>			
P			
-			
			-
			▼ ▶

A palette of tools which let you create objects on the drawing area, can be found below the menu options (File, Edit etc). Objects can be things like text or graphics, or pieces of information from WardWatcher itself.

4.2.1 Template Tools

Selection tool

A

Text tool

Line tool

Rectangle tool

Oval tool

Oval tool

Nand-edged rectangle tool

Nandwatcher data tool

Nata merge tool

To use any of the tools, just click on the tool icon within the tool palette. The selected tool is highlighted. By default, the selection tool is highlighted when you choose to create a new template report.

4.2.1.1 Text tool



The text tool, as you might expect, allows you to add pieces of text to your report. To use the tool, click on it in the tool palette to select it, and then move the mouse over to the part of the drawing area where you want your text to appear. Now draw out a rectangle by clicking on the left click button, holding down and "dragging" out a rectangle. As you "drag" out the rectangle, WardWatcher creates an on-screen rectangle which follows the movement of the mouse.

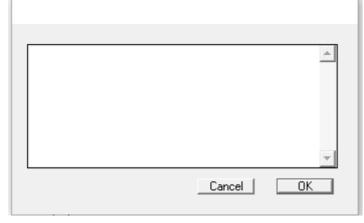
Figure 4.2b

Report Name:	demo]	Save				
🗖 Administrator or			Cancel				
File Edit Object Font Style Arrange A O A Eiii Eiii							
			Û				
			1				
(-)			L C				

When you release the left click button, WardWatcher puts up the following dialog box:

Figure 4.2c

. . .



You can now type into the box the text that you want to appear on the template. When you click on the OK button, WardWatcher displays the text within the area you "dragged" out on screen (figure 4.2d).

re 4.20 Object Font Style Arrange □○□◆ ∰		TEMPLATE REP	ORT
County General Hosptital	Report Name	demo	Save
	Scope	Administrator only	Cancel
• •			

To **change the size or font of the text**, left click over the text (the piece of text is now bordered by four small black squares at each corner as shown in figure 4.2d), then click on **Font** or **Style** to change to other options.

You can **reposition the text** in one of two ways. First left click over the text to highlight text box then you can either click and hold down the left click button and then "drag" the text to its new location and then release the click button; or, you can use the arrow keys to move the text one pixel at a time in the direction of the arrow key. Using the arrow keys is an excellent method when you want fine control but obviously if you were moving the text from one side of the page to the other, it would be much quicker to use the mouse.

If you want to **modify a piece of text**, double-click anywhere on the piece of text you want to edit to bring up the same dialog box that you used when you first created the text.

Ward Watcher automatically tries to fit your text onto a single line (unless you have used the return key when entering the text in the dialog box). However, just as you can reposition the text anywhere on the page, you

can also change the dimensions of the containing rectangle. To do this, you first choose the selection tool and then click on one of the little black corner squares. If we wanted the above text to appear over two lines, we could click on the right lower black square and, with the click button depressed, "drag" the square to a new position. As you "drag", an outline rectangle follows the movement of the mouse.

Figure 4.2e				
			TEMPLATE REPORT	
County General Hosptital , New York New York	Ŷ	Report Name Scope	demo	Save Cancel
		otope		
 ۱				• •

When you release the click button, WardWatcher redraws the text according to the dimensions of the new rectangle.

Figure 4.2f

File Edit Object Font Style Arrange A A Arrange Arrange Arrange	TEMPLATE REPORT					
County General Hospitial , New York, New York	Report Name demo Scope Administrator only					

To **delete the text**, left click over the text (text will now be bordered by four small black squares) and click on the back arrow button (directly above the return key).



All the drawing tools work in the same way. To create a rectangle or oval, first select the appropriate tool and then "drag" out the shape on the drawing area by clicking on the left click button, holding it down and "dragging" out the shape and then releasing the click button. As you "drag" out the shape, WardWatcher displays it on screen.



You can **reposition or reshape an object** in the same way that you can reposition or reshape a piece of text. First choose the selection tool and then click on the object you want to manipulate. You can use the arrow keys to move it one pixel in the direction of the arrow, or you can use the mouse to "drag" it. If you click on one of the corner black squares, you can "drag" it into a different shape.

4.2.1.3 WardWatcher Data Tool

You can cause a piece of information from WardWatcher to appear on the drawing area using the WardWatcher data tool. This tool works in much the same way as the other tools. First choose the data tool and then "drag" out a rectangle on the drawing area where you want the data to appear. When you have drawn out the rectangle, WardWatcher puts up the following dialog box.

Figure 4.2h

Choose the field to display	
01. Admit	Surname
	Cancel OK

The dialog box allows you to select the piece of information which you want to appear. The left hand drop down list gives a list of all the screens. The right hand drop down list gives you a list of fields which would appear on the selected screen. Simply select the piece of information you want to appear. When you click on the "OK" button, WardWatcher draws a rectangle showing where the piece of information will appear and

what piece of information it will be. From the information entered in figure 4.2h, WardWatcher would display the patient's surname at the chosen location (figure 4.2i).

Figure 4.2i

File Edit Object Font Style Arrange A A A A A A A	TEMPLATE REPORT				
County General	Report N	lame demo	(Save)		
Hosptital , New					
York, New York	Scope	Administrator only	Cancel		
York New York	Scope	Administrator only	Cancel		
			▼ ▶		

Make Sure the Rectangle is Big Enough!

The rectangle defines the space WardWatcher has on the template to display the given piece of information when the template is printed out. If the rectangle is too small, then WardWatcher will only be able to print out what can appear in the rectangle and part of the information may therefore not be printed. You should therefore, ensure that the size of the rectangle is sufficient to display, in the selected font at the selected size, the information it is supposed to display.

You may well think that WardWatcher should be clever enough to automatically expand the size of the rectangle if it was too small. In fact it could but then, depending on the design of the rest of the template, it might have to move other things out of the way, or overwrite them. This could potentially cause havoc with your carefully designed layout. Since you, not WardWatcher, are in control of the layout, you must also take responsibility for any design flaws!

Some pieces of information (such as surname, date of birth, source of admission, etc) will obviously easily fit on a single line. Other pieces of information (such as admission comments, interventions, etc) may need multiple lines.

4.2.1.4 Data Merge Tool



The data merge tool allows you to merge text and data from the database in one piece of continuous text rather than using the text tool to create labels for the data.

To use the tool, click on it in the tool palette to select it, and then move the mouse over to the part of the drawing area where you want your merged text to appear. Now draw out a rectangle by clicking on the left click button, holding down and "dragging" out a rectangle. When you release the click button, WardWatcher puts up the following dialog box.

I

Figure 4.2j

01. Admit	✓ Key	•
		*
		Cancel

As with the text tool, you type in the text that you wish to appear, The difference between the data merge tool and the text tool is that you can incorporate information from the database within the body of the text. Say for example that we wanted to write the following as part of a discharge letter:

"Your patient, Joe Bloggs, was admitted on 31/10/1999"

This would be difficult to set up neatly using the text and data tools because the gap between "patient" and was "admitted" varies depending on the length of the patient's name. If the gap neatly accommodated Joe Bloggs, it would be too small for a patient with a longer forename and surname.

The data merge tool gets round this problem by incorporating the data into the text and allowing WardWatcher to adjust the size of the gap. To create the line quoted above, you would first type in:

"Your patient" then select the first WardWatcher data item using the screen (admit) and field (forename) drop down lists (figure 4.2j) then click insert. Build up the desired sentence by adding text and data items as required (figure 4.2k). WardWatcher appends the name of the chosen data item to the text surrounded by brackets.

Figure 4.2k

01. Admit	•	Date admitted to this Unit	•
	:name}{Surname} wa:	s admitted on {Date admitted to t	nis Unit} 🔺
			•
		Cancel	ок

When the template is printed out, WardWatcher will merge the text and data items to produce the desired output:

"Your patient, Joe Bloggs, was admitted the on 31/10/1999".

4.2.2 Template Menu Items

At the top of the template report screen is a menu bar with 6 menus.

The File and Edit menus incorporate standard Windows features.

The Object menu has four items:

- Settings: This menu item performs the same function as double-clicking on an object in the drawing area. The settings dialog box will vary depending on the nature of the item selected.
- Pattern: With shapes like rectangles and circles, you can choose the "fill" pattern by selecting one of the options accessed from this menu.
- Colour: This menu item brings up the standard Windows colour palette and lets you determine what colour you want a given object to appear in.
- Duplicate: This menu item allows you to duplicate a selected object or group of objects.

The **Arrange** menu has eight items which allow you to arrange objects within the drawing area. There are three horizontal align tools and three vertical align tools.

The Font and Style menu have been discussed already in section 4.2.1.1

Scottish Intensive Care Society Audit Group Appendix 1: Converting a text file into another file

Once you have exported the data into a text file, you may want to convert this into a different program (eg Excel). A text file looks like a notepad (see text file below), and is universally recognised by all programs.



Figure 2

To convert it into Excel, open a new Excel file and then click file then open, the box below will appear.

Organise 🔻 New	folder				- 🔳 🕐
🗸 🖈 Quick access	▲ Name	^	Date modified	Туре	Size
Desktop 🖈 🦊 Downloads	•	No	items match your search.		
 Documents # Pictures # 2010 					
2018 2020 daily emails					
Impact of Audit	ts				
 X Microsoft Excel OneDrive 	~ <				2
	ile name:		~	All Excel Files	~
			Tools 🔻	Open	Cancel

Change **Files of type** (bottom of page) from All Microsoft Office Excel Files to All files. Then locate the text file by changing the **Look in** box to area where file is stored (e.g. my documents), until file can be viewed in main box.

Figure 3

Organise 🔻 🛛 I	New folde				. 🔳 🚯
💻 This PC	^	Name	Date modified	Туре	Size
 3D Objects Desktop Documents Downloads Music Pictures Videos OSDisk (C:) PHIBCS (F:) roselh02 (N 	5	 2020 SCREENSHOTS FOR ICU Screenshots 2020 WW upgrade screenshots 2020 ww test search 	20/08/2020 09:25 17/08/2020 12:39 19/08/2020 15:56 20/08/2020 14:31	Microsoft Word D Microsoft Word D Microsoft Word D Text Document	1,079 КВ 1,222 КВ 7,369 КВ 1 КВ
🛖 Dept (J:)		<] [
	File na	ime:	∽ Tools ▼	All Files Open	∨ Cancel

In the above screenshot you can now see the text file in the main box, double click on this to view the box below.

Figure 4

Text Import Wizard - Step 1 of 3	?	×
The Text Wizard has determined that your data is Delimited.		
If this is correct, choose Next, or choose the data type that best describes your data.		
Original data type		
Choose the file type that best describes your data: Opelimited - Characters such as commas or tabs separate each field.		
\bigcirc Fixed width $$ - Fields are aligned in columns with spaces between each field.		
		_
Start import at <u>r</u> ow: 1 File <u>o</u> rigin: MS-DOS (PC-8)		\sim
My data has headers.		
Preview of file C:\Users\roselh02.PHS\Desktop\ww upgrade test\test search.TXT.		
1 KeyCHI numberDate admitted to this UnitSexAge		^
2 21112012 345 678922/2/2010M57 3 21130012 345 678923/2/2010M55		
4 21138012 345 678925/2/2010M46 5 21144012 345 678926/2/2010M44		
<		>
Cancel < Back <u>N</u> ext	> <u>F</u> i	nish

Click next

Figure 5

Text Import Wizard - Step 2 of 3	?	×
This screen lets you set the delimiters your data contains. You can see how your text is affected preview below.	in the	
Delimiters ☑ Iab ☑ Semicolon ☐ Treat consecutive delimiters as one ☑ Comma Text gualifier: ☑ Space ☑ ☑ Other: ☑		
Key CHI number Date admitted to this Unit Sex Age 21112 012 345 6789 22/2/2010 M 57 21130 012 345 6789 23/2/2010 M 55 21138 012 345 6789 25/2/2010 M 46 21144 012 345 6789 26/2/2010 M 44	>	^
Cancel < <u>B</u> ack <u>N</u> ext >	<u>F</u> inis	h

Figure 6

The default has a tick in the tab box in the delimiter section. You will also need to tick the **other** box (delimiters) and enter a ^ **symbol** in the box to the right of other (figure 6).

Text Import Wizard - Step 2 of 3	?	×
This screen lets you set the delimiters your data contains. You can see how your text is affected preview below.	d in the	
Delimiters □ Iab □ Semicolon □ Treat consecutive delimiters as one □ Comma Text gualifier: □ Space □ □ Other: ^		
Key CHI number Date admitted to this Unit Sex Age 21112 012 345 6789 22/2/2010 M 57 21130 012 345 6789 23/2/2010 M 55		^
21138 012 345 6789 25/2/2010 M 46 21144 012 345 6789 26/2/2010 M 44		×
Cancel < <u>B</u> ack <u>N</u> ext >	<u>F</u> ini	ish

Scottish Intensive Care Society Audit Group The ^ symbol can be found above the number 6, so click on the shift key and 6 at same time. Once this is done, click Next. The box below will appear (figure 7).

Figure 7

Text Import Wizard - Step 3 o	of 3		? ×
This screen lets you select each Column data format <u>G</u> eneral <u>T</u> ext <u>D</u> ate: DMY Do not <u>i</u> mport column (sk	all remaining values to text	values to numbers, date value	s to dates, and
Data <u>p</u> review			
	eneral ate admitted to this Unit	GenerGeneral	
Xey Ch1 humber Da 21112 012 345 6789 22 21130 012 345 6789 23 21138 012 345 6789 25 21144 012 345 6789 26	2/2/2010 3/2/2010 5/2/2010	Sex Age M 57 M 55 M 46 M 44	× ×

Figure 8 Click **Finish**.

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F	ile Ho	ome Ins	ert Page Lay	out Formi	ulas	Data	Review	View	♀ Tell	me what y	rou war
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з	21130	012 345 67		23/02/2010	м		55				
4	21138	012 345 67		25/02/2010	м		46				
5	21144	012 345 67		26/02/2010	M		44				
6	21179	012 345 67		09/03/2010	м		52				
7	21185	012 345 67		09/03/2010	F		55				
8	21203	012 345 67		14/03/2010	F		59				
9	21205	012 345 67		14/03/2010	F		48				
10	21217	012 345 67		17/03/2010	F		52				
11	21220	012 345 67		17/03/2010	F		29				
12	21226	012 345 67		19/03/2010	M		62				
13	21230	000 000 00		22/02/2016	M		31				
14	21231	000 000 00		25/02/2016	F		51				
15	21232			01/03/2016	F		28				
16	21234	010 264 00		01/09/2017	F		53				
17	21235	020 367 00		08/10/2017	F		50				
18	21236	020 345 00		01/08/2017	M		72				
19	21237	060 985 00		01/11/2017			32				
20	21239			01/03/2020			41				
21	21240			11/08/2020			0				
22	21241	100 186 52		15/08/2020	F		34				
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Data will now be displayed in the Excel file including the header (title).