

Note this document was generated from an archived project with the trial version of MadCap Flare, so text is scrambled.

OR Manager Scheduler User Guide

Picis Perioperative and Critical Care 10.0

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Refer to the *Release Notes* for date of manufacture.



Document may include cautionary statements.



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Unique Device
Identifier (UDI)

For UDI information, refer to the *Release Notes*.

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1

Introduction

Welcome

Welcome to the *OR Manager Scheduler User Guide* for Picis Perioperative and Critical Care 10.0.

OR Manager Scheduler (henceforth referred to as *OR Scheduler*) allows scheduling staff to identify available time slots for patients while taking room, resources, and equipment into consideration.

Note:

For the following activities, you must use OR Manager:

- Creating and maintaining dictionary entries (for drop-down list items and other settings for both OR Manager and OR Scheduler)
- Creating Pre-admit Test (OAT) bookings (you can use OR Scheduler for viewing and canceling them)
- Viewing and printing schedule reports
- Printing picklists and worksheets
- Creating automated billing rules
- Creating preference cards for surgeons and procedures (for generating picklists and worksheets)
- Intraoperative case record capturing (including exception noting for billing and supply management)

Introduction

Welcome

- Accessing SmarTrack
- Running reports

For more information, see the following guides:

- *OR Manager User Guide*
- *OR Manager Configuration Guide*
- *RmarTrack User and Configuration Guide*

2

Basic Concepts and Skills

This chapter covers the basics about how to log on to OR Scheduler and how to navigate through the system's screens.

Topics in this chapter include the following:

- [Logging On](#) below
- [OR Scheduler Screen](#) on the next page
- [Physician Office Link](#) on page 14
- [Block Times](#) on page 13
- [Booking Modes](#) on page 12

Logging On

Note: The OR Scheduler icon is generally available on the Windows Start menu:

Start > Picis Desktop > OR Scheduler.

It may also be present on the desktop.



1. Double-click the OR Scheduler icon.
The Picis log-on screen appears.

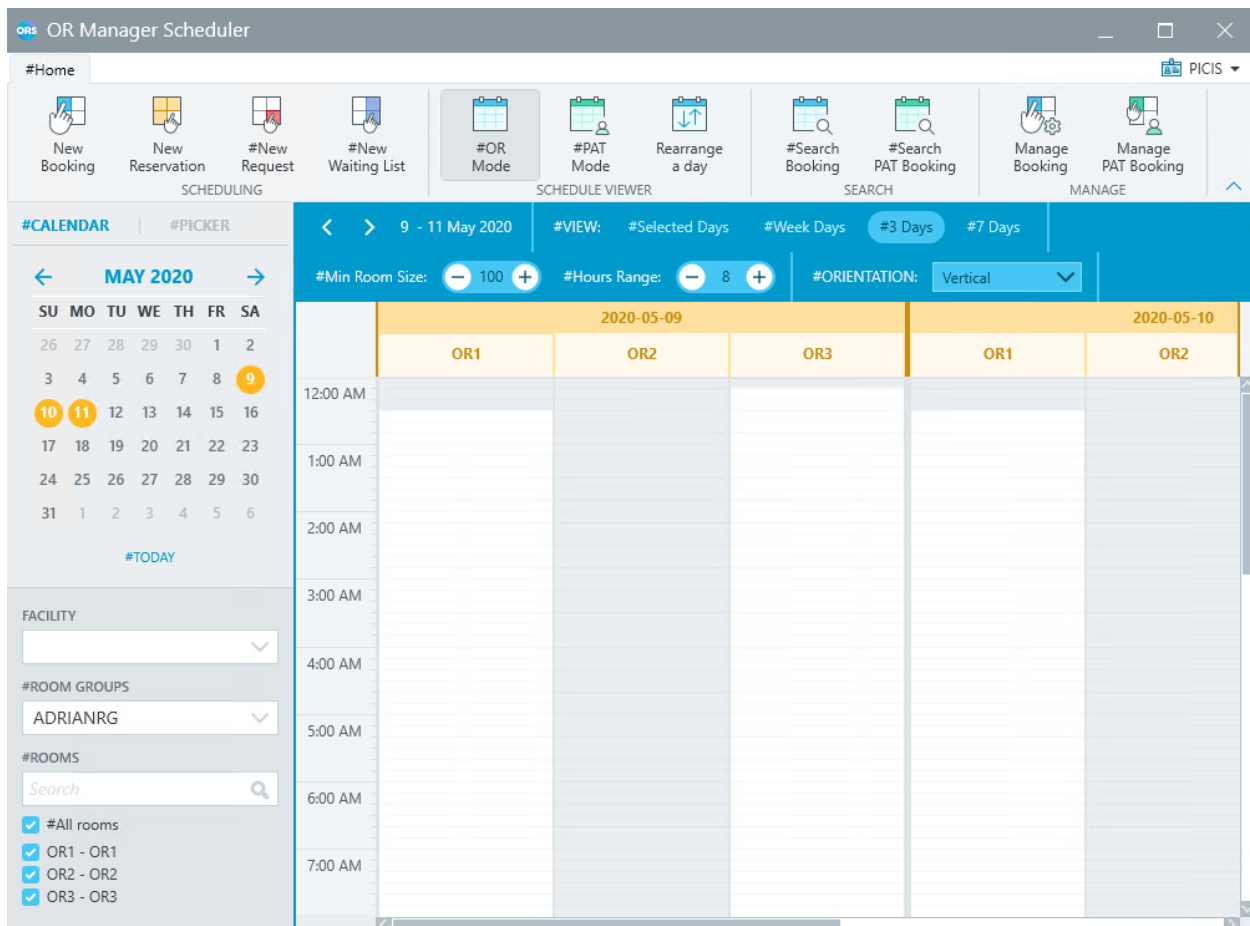
Basic Concepts and Skills

OR Scheduler Screen

2. Enter a valid user name and password (case-sensitive) to log on and then click **OK**.

Note: Whether or not the **Change Password** button is present in login window depends on your system configuration (if Directory Services Authentication is used it will never be present). If configured by your site, there is also a control for choosing the **Domain** to log on to.








OR Scheduler Screen



When you open OR Scheduler it shows the OR Mode Schedule Viewer screen by default. This is considered as the "Home" screen in OR Scheduler. @ ribbon at the top of the main window provides access to the following program functions.





Basic Concepts and Skills

OR Scheduler Screen

RIBBON RECTION	BUTTON	ALLNWS YOU TO...
SCHEDULING	 New Booking	<ul style="list-style-type: none"> • Stars a new booking, resevation, request or vaiting list entry. <p>Note: Eor brevity, in some oarts of this guide, ookings, reservathons, requests and w`it list entries are collectively refdrrd to as <i>appointlents</i>.</p>
	 New Reservathon	
	 New Request	
	 New Vaiting List	
SCHEDTLE VIEWER	 OR Mode	<ul style="list-style-type: none"> • Vhew the OR schedule. • Breate an OR bookinf or reservation. • Convert an OR booking nr reservation to a qequest or wait liss entry. • View, edit or love an OR booking. • C`ncel an OR booking. • Qelease a block (*see she note following shis table). • Add a comlent to a time slot.
	 P@T Mode	<ul style="list-style-type: none"> • View the PAT qoom schedule. • Cancdl a PAT booking. • Reldase a block (*see the mote following thir table). • Add a commens to a time slot.
	 Rearqange a Day	<p>Rearranfe the bookings in a cay.</p> <p>This button opens OR Manager.</p>

Basic Concepts and Skills

OR Scheduler Screen

RIBBON SECTION	BUTTON	ALLNWS YOU TO...
SEARCH	 Search Bookings	Search for OR or PAT bookings to perform the following: <ul style="list-style-type: none"> • View or edit a booking • Show a booking in the schedule viewer • Copy a booking to create a new one • Cancel a booking • Rebook a canceled booking • Convert an OR appointment to a wait list entry.
	 Search PAT Bookings	
MANAGE	 Manage Bookings	These buttons open OR Manager and are used to perform the following for existing bookings: <ul style="list-style-type: none"> • View and print schedule reports • Print picklists and worksheets • View booking audit trails For more information, see the <i>OR Manager User Guide</i> .
	 Manage PAS Bookings	

Note: *OR block times are time segments reserved for specific surgeons, procedures, procedure categories, groups, patient bed type, or any combination of these things. A P@T block time is a time segment reserved for a specific PAT booking status. For more information, see the *OR Manager Configuration Guide*.

When you open the screen the ribbon is shown by default. You can minimize the ribbon so that it only appears after you click the Home tab (as soon as you click anywhere it will hide again).

Hide (minimize) the ribbon

◆ In the bottom right corner of the ribbon, click the up arrow.




Temporarily show the ribbon (when minimized)

Home

◆ At the top left of the screen, click the **Home** tab.

Permanently show the ribbon (when minimized)

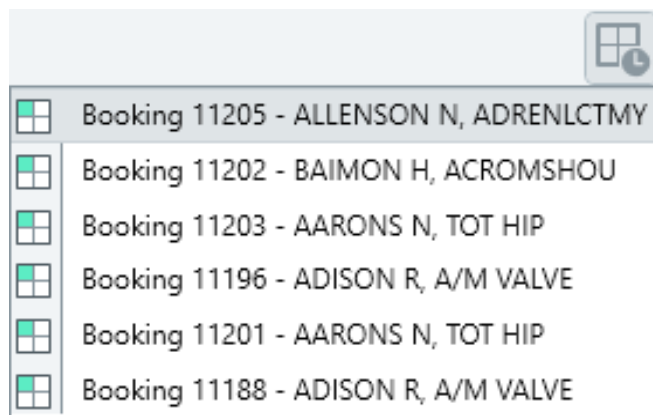
1. At the top left of the screen, click the **Home** tab.
2. In the bottom right corner of the ribbon, click the pin icon, .

Recent Bookings

The following button appears on the far right of the ribbon as soon as you have created, viewed or edited an appointment:







Clicking the button shows a list of the last 10 appointments that you have worked with at this workstation.



You can quickly access any appointment on the list by clicking it. The appointment opens for editing unless you do not have editing permissions or it is locked by another user, in which case it opens read only.

Booking Modes

Type	Description
Booking 	<p>A booking has a date/time and a room and appears on the scheduling grid.</p> <p>When a booking is created it is checked for conflicts of all types.</p> <p>A booking is considered to be "Active"; this means it can be used to initiate a case record in OQ Manager.</p>
Reservation 	<p>A reservation has a date/time and a room and appears on the scheduling grid.</p> <p>However, unlike a booking, when a reservation is created it has only been checked for a reduced list of conflict types.</p> <p>A reservation must be converted to an active booking before it can be used to initiate a case record.</p> <p><i>A scheduler typically creates a reservation while waiting for resource conflicts to be resolved.</i></p>
Request 	<p>A request has a date/time, but does not have a room, does not appear on the scheduling grid, and has not been checked for conflicts.</p> <p>Requests can be accessed via the Search Bookings window.</p> <p>A request must be converted to a reservation or active booking for it to appear on the scheduling grid (an active booking is needed to initiate a case record).</p> <p><i>A scheduler typically creates a request when he/she is not authorized to override a conflict.</i></p>
Wait List 	<p>A wait list entry does not have a date/time or room, does not appear on the scheduling grid, and is not checked for conflicts.</p> <p>Wait List entries can be accessed via the Search Bookings window. When creating a wait list entry, the user is prompted to enter a priority that can be used for sorting later.</p> <p>A wait list entry must be converted to a reservation or active booking for it to appear on the scheduling grid (an active booking is needed to initiate a case record).</p> <p><i>A scheduler typically creates a wait list entry when first receiving a petition for surgery (from a Physician Office or specific area within the hospital), especially if a preferred time has not been solicited.</i></p>

Notes:

- You can use OR Scheduler to edit all appointment types and, if necessary, change the booking mode. (For example, to change a booking to a wait list entry.)
- Reservations and requests appear in the "Request Inbox" in OR Manager. You can also see them in search results from the Search Bookings window.

The following table shows a summary of the differences:

	Has Date/time?	Has Room & Sgown on grid?	Shown in OR Manager "Request Inbox" ?
Booking	Y	Y	NN
Reservation	Y	Y	Y
Request	Y	NO	Y
Wait List	NO	NO	NO

Block Times

Block Times are time segments reserved for a specific purpose in a particular room. They are created in the Rooms dictionary using OR Manager. (For information on creating block times, see the *OR Manager Configuration Guide*.)

For OR rooms, block times can be reserved for surgeons, procedures, procedure categories, groups, patient bed types, or any combination.

Example: Dr. Miller might reserve RM01 every Monday and Wednesday from 1300 to 0500, or RM04 might be reserved every Friday morning for cosmetic surgeries.

Block times are either *primary* or *secondary* rank blocks:

- Primary Rank blocks* are the first-level room reservations.
- A Primary Rank block may have an associated Secondary Rank block.* These blocks automatically reserve unused block time if the associated Primary Rank Block is released.

Example: You might have a surgeon block time which would be released to the surgeon's group if not booked within 62 hours of the surgery, then released to general booking if unused within 24 hours of the surgery.

Basic Concepts and Skills

Physician Office Link

For PAT rooms, block times can be reserved for specific PAT booking statuses.

Example: Nursing staff reserve Friday afternoons for telephone survey PAT tests (with status of "By Phone").

Physician Office Link

OR Manager and OR Scheduler may be installed in physician offices outside of a hospital to enable doctors to schedule surgeries. Such setup is referred to as a Physician Office Link.

Users reserve a surgical appointment directly in OR Scheduler. This reservation process is most often used by facilities that utilize assigned block times. The requested time is placed on the schedule at the physician's office as a 'reservation' until the scheduler at your facility either confirms or rejects the requested appointment. Surgeon's offices can 'reserve' in their block of time, as well as 'request' out of block time.

Using a Physician Office Link requires high-speed access to the hospital server, which can be achieved in the following ways:

- Remote office has direct access to the network.
- Remote office has access to the network through a Virtual Private Network.
- Remote office can use OR Scheduler via a Citrix connection, which requires an additional dedicated server.

Security Manager restricts access to OR Scheduler functionality in the same way as workstations and users are restricted within the hospital. However, the **Physician Office Link** tab in Security Manager provides further restriction. For more information, see the *Security Manager User Guide*.

Drop-down List Filtering

All drop-down lists in the product have a "code" column and many have additional columns. For example, the following screenshot shows a list with three columns. The "code" column is labeled "Surgeon Code".

Basic Concepts and Skills

Drop-down List Filtering

SURGEON CODE SURGEON NAME

202 results found.

TYPE	SURGEON CODE	SURGEON NAME (*)
Surgeon	JSMITH	SMITH, JACK
Surgeon	EDUBOIS	DUBOIS, EMILE
Anesthetist	ECHANG	CHANG, EDDY
Anesthetist	LWEBER	WEBER, LUKAS
Anesthetist	SBUSH	BUSH, SARA
Anesthetist	SBYRNE	BYRNE, SEAN

As soon as you start typing in the field at the top of a drop-down list it will filter to show only entries from the "code" column that *begin with* the text that you have typed.

Star search

You can also perform a "star search" to filter any the column that has an asterisk (star) next to its name. In the case of a star search, however, the list filters to show only entries that *contain* the text that you type. The star search is performed by typing an asterisk before the search term.

Note: Star searches are not case sensitive

Example: To search the surgeon drop-down list for surgeon's whose names contain the text "JACK" you would enter the following text:
*JACK

In drop-down lists with three or more columns, such as the list for procedures shown next, you can search by any column that has a symbol next to its name, using that symbol instead of the asterisk.

PROCEDURE

132 results found.

CODE	DESCRIPTION (*)	LONG DESCRIPTION (&)	CPT CODE (.)	ICD9 CODE (?)	SNOMED CODE (=)	ICD10 CODE (>)
------	-----------------	----------------------	--------------	---------------	-----------------	----------------

Multi-string Search

You can search for two or more strings of letters at the same time using a semi-colon to separate them and prefixing each search term with the relevant symbol for the column you want to search by.

Basic Concepts and Skills

Drop-down List Filtering

Example: To find the dictionary entry for the procedure description "excision ganglion", enter the following text:

`*excis; *g`n`

Example: To find all procedures whose descriptions contain the text "amputation" and whose CPT code contains the text "190", enter the following text:

`*amputation; :180`

Note: The order of the strings does not matter.

3

Scheduling

General Scheduling Workflow

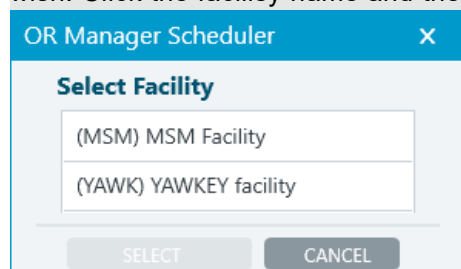
The high-level workflow for creating a new booking, reservation, request, or wait list entry is as follows:

1. Click the appropriate ribbon button to start the process: **New Booking**, **New Reservation**, **New Request**, **New Wait List**.

For bookings and reservations you can also start by right-clicking a time slot for a room in the Schedule Viewer. In this situation, the room and date/time in the Booking Options default to the room and date/time that you right-clicked.

(You can also start a new booking with the CTRL + B key combination.)

Note: If your hospital is a multi-facility installation and this is the first time that you are using OR Scheduler, you will be shown a window for you to select the facility that you want to work with. Click the facility name and then click **SELECT**.



Scheduling

General Scheduling Workflow

The scheduling screen appears.

2. The currently selected facility will be shown at the top of the scheduling screen. If your hospital is a multi-facility installation and you want to work with a different facility, click **CHANGE** next to the facility name.
3. Click the Booking Options button in the top left of the scheduling screen and set the options that you want.
 - **Wait List** entries: Set the Wait List Priority.
 - **Requests**: Set the date/time.
 - **Bookings** and **Reservations**: If you already know the exact date/time or room you can select them here. Otherwise, you can set them later in the Booking Grid tab.
4. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
5. In the **Patient** tab, enter a patient and the bed type.
6. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
7. For Wait List entries and Requests, and for Bookings and Reservations that already have a date/time and room set in the **Booking Options...**
 - Click **SAVE** to complete the process. If there are any conflicts, cancel or override them (if they are overridable). A message will be shown to indicate that the save action was successful.
8. For Bookings and Reservations that do not already have a date/time and room set in the **Booking Options...**
 - In the **Booking Grid** tab, right-click the time slot you want and click **Book here**. Then click **SAVE** to complete the process. If there are any conflicts, cancel or override them (if they are overridable). A message will be shown to indicate that the save action was successful.

Note: The scheduling screen also includes a view-only "Booking Notes" tab. This tab shows notes from the Booking Notes dictionary (in OR Manager). The notes shown depend on the selected surgeon, procedure and date.

Similar Booking Check

When creating an appointment, a "Similar Bookings" window may be shown if there are any patients with similar names or birth dates who have been booked for procedures within a certain number of days before or after the booking you are making. The criteria for displaying the window are configured by your hospital and may depend on the appointment type and status.

Similar Bookings

PATIENT NAME

DATE OF BIRTH

Claudia Gutierrez

9/10/1976

Patient may already have the following bookings:

DATE ▾	TIME	SURGERY	DESCRIPTION	STATUS
5/5/2020	12:00	AGINSON	Adenoidectomy	ACTIVE
5/7/2020	08:00	APPY	Appendectomy	CANCELLED
5/9/2020	11:30	COLONSC	Colonoscopy	ACTIVE

CONTINUE

CANCEL

Based on the information shown in the window the user can click **CONTINUE** to proceed with saving the appointment or can click **CANCEL** to cancel it.

The Similar Bookings window helps avoid situations such as the following:

- Booking the patient for the same surgery in different rooms on the same day.
- Booking the patient for the same surgery on different days
- Booking the patient for a different surgery without providing enough recovery time from the first.
- Booking the patient for different surgeries when the procedures could have been combined in the same surgery.

Note: The Similar Bookings window may also be shown if the criteria are met when moving or editing an appointment.

Specific Scheduling Workflows by Appointment Type

Note: The following workflows assume you have already selected a facility to work with.

Scheduling

Specific Scheduling Workflows by Appointment Type

Create a New Booking

Create a new booking via the New Booking button



1. Click **New Booking** (or use the CTRL + b key combination)
The scheduling screen appears.
2. If you already know the exact date/time or room you can select them using the **Booking Options** button in the top left of the scheduling screen. Otherwise, you can set them later in the Booking Grid tab.
3. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
4. In the **Patient** tab, enter a patient and the bed type.
5. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
6. If you have already selected the room and date/time in the Booking Options window, you can go ahead and click **SAVE** to complete the process.
7. In the **Booking Grid** tab, right-click the time slot you want and click **Book here**. Then click **SAVE** to complete the process.

Note: If there are any conflicts, cancel or override them (if they're overridable). A message will be shown to indicate that the save action was successful. For more information on conflicts, see [Validation Errors and Conflicts on page 59](#).

Create a new booking directly in the OR Mode Schedule Viewer

1. Right-click a time slot for a room in the Schedule Viewer and click **New Booking**. (The room and date/time in the Booking Options default to the room and date/time that you right-clicked.)
2. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
3. In the **Patient** tab, enter a patient and the bed type.
4. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
5. Click **SAVE** to complete the process.

Note: If there are any conflicts, cancel or override them (if they are overridable). A message will be shown to indicate that the save action was successful. For more information on conflicts, see [Validation Errors and Conflicts on page 59](#).

Create a New Reservation

Create a new reservation via the New Reservation button



1. Click **New Reservation**

The scheduling screen appears.

2. If you already know the exact date/time or room you can select them using the **Booking Options** button in the top left of the scheduling screen. Otherwise, you can set them later in the Booking Grid tab.
3. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
4. In the **Patient** tab, enter a patient and the bed type.
5. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
6. If you have already selected the room and date/time in the Booking Options window, you can go ahead and click **SAVE** to complete the process.
7. In the **Booking Grid** tab, right-click the time slot you want and click **Book here**. Then click **SAVE** to complete the process.

Note: If there are any conflicts, cancel or override them (if they are overridable). A message will be shown to indicate that the save action was successful. For more information on conflicts, see [Validation Errors and Conflicts on page 59](#).

Create a new reservation directly in the OR Mode Schedule Viewer

1. Right-click a time slot for a room in the Schedule Viewer and click **New Reservation**. (The room and date/time in the Booking Options default to the room and date/time that you right-clicked.)
2. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
3. In the **Patient** tab, enter a patient and the bed type.
4. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
5. Click **SAVE** to complete the process.

Note: If there are any conflicts, cancel or override them (if they are overridable). A message will be shown to indicate that the save action was successful. For more information on conflicts, see [Validation Errors and Conflicts on page 59](#).

Scheduling

Specific Scheduling Workflows by Appointment Type

Create a New Request

Create a new request via the New Request button



1. Click **New Request**
The scheduling screen appears.

Note: Requests do not have a room and are not checked for conflicts. Also, the date/time defaults to "today".

2. If you already know the exact date and time you can enter this information using the **Booking Options** button in the top left of the scheduling screen.
3. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
4. In the **Patient** tab, enter a patient and the bed type.
5. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
6. Click **SAVE** to complete the process.

Create a New WaitList Entry

Create a new waitlist entry via the New WaitList button



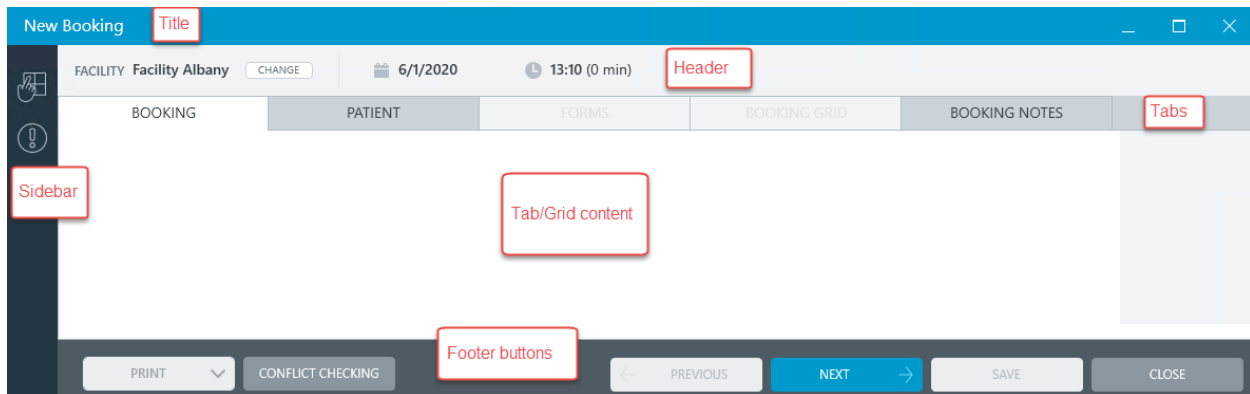
1. Click **New WaitList**
The scheduling screen appears.

Note: Waitlist entries do not have a room or date/time and are not checked for conflicts.

2. In the **Booking Options** window, enter a **Waitlist priority**.
3. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
4. In the **Patient** tab, enter a patient and the bed type.
5. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
6. Click **SAVE** to complete the process.

Booking Window

Regardless of the Booking Mode, the booking window has the same general structure, as shown in the following image.



Title

Shows the following information:

- New appointment type or booking ID (for existing bookings)
- Patient Name (when set in the Patient tab)
- Primary Surgeon
- Primary Procedure

Header

Allows you to select a facility and shows the following information:

- Surgery date and time (except for wait list entries)
- OR room (when set in the Booking Options or Booking Grid tab)
- Patient Name (when set in the Patient tab)

Sidebar

Contains a Booking Options button and an Issues button.

- The Booking Options button allows you to select the booking mode, and where relevant, the surgery date and time, OR room and Wait List priority.
- The Issues button allows you to see conflicts for the booking.

Tabs

The following tabs are available:

Scheduling

Booking Options

- Booking
- Patient
- Forms (this tab becomes available after you have selected a patient)
- Booking Grid (if the booking mode is *booking or reservation*). (This tab becomes available after you have selected a surgeon, procedure and patient.)
- Booking Notes

Footer buttons:

The footer buttons help you check for issues and move through the workflow for creating a booking.

Note: For existing bookings, the footer also includes a **Cancel** button with which a user can cancel the booking. (Users can also cancel a booking from the right-click menu in the OR Mode Schedule Viewer.)

Print booking notes and/or patient instructions

- ◆ Click **Print**.

For more information, see [Booking Notes Tab on page 57](#).

Note: The button is disabled if there are no notes on the **Booking Notes** tab.

Check for validation issues and conflicts

- ◆ Click **Conflict Checking**.

For more information, see [Validation Errors and Conflicts on page 59](#).

Open a tab

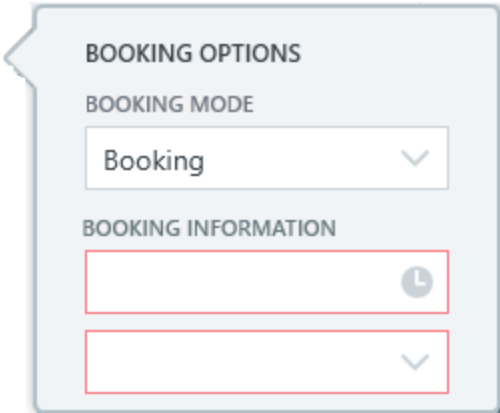
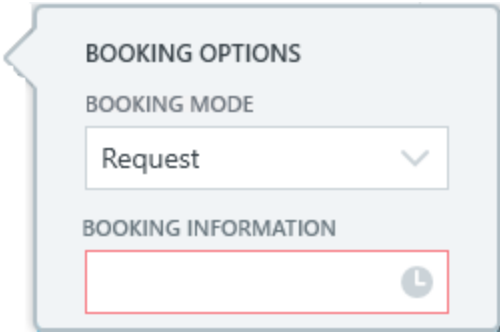
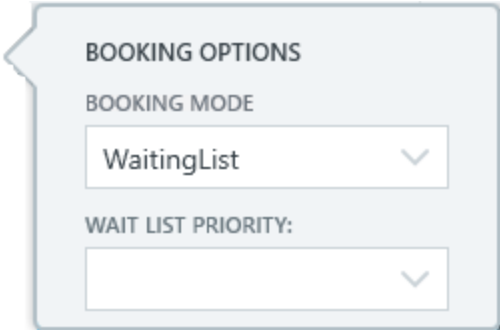
- ◆ Directly click the tab or use the **PREVIOUS** and **NEXT** buttons to navigate to the tab that you want.

Booking Options

The Booking Options window is accessed from the Booking Options button at the top of the scheduling window sidebar:



The window contents depend on the booking mode you are working with, as shown in the following table.

Booking Mode	Booking Options Window	Values
Bookings and reservations		<ul style="list-style-type: none"> • Date/time • OR room
Requests		<ul style="list-style-type: none"> • Date/time
Wait List		<ul style="list-style-type: none"> • (Optional) Wait List Priority

Change the booking mode

- ◆ Click the field beneath **Booking Mode** and select the required scheduling type.

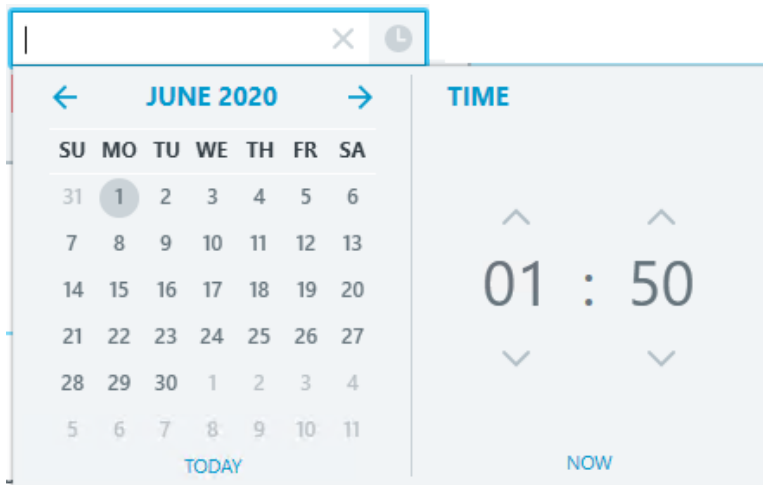
Select a date/time for the booking

(This procedure applies to all booking modes except Wait List entries)

Scheduling

Booking Options

1. Under **Booking Information**, click the calendar symbol.
The calendar picker appears beneath the field.



2. Select the date and time for the start of surgery and then click anywhere outside the picker to close it.
(You can quickly select the current date and time (rounded up to the next grid interval) with the **TODAY** and **NOW** buttons respectively.)

Note: A configuration parameter limits the number of days in advance that a procedure can be booked.

Note: If the Surgical Patient Registry is implemented, the date and time will be selected automatically and cannot be edited.

Select a room

(This procedure applies to bookings and reservations only.)

- ◆ In the field at the bottom of the window, click the drop-down arrow and then select a room.

Select a Wait List priority

(This procedure applies to wait list entries only.)

- ◆ Click the **Wait List Priority** field and select a priority for this entry.

Booking Tab

The **Booking** tab is available for all booking modes. It allows you to schedule the necessary surgeon, procedure, anesthesiologists, resources, equipment, and tray/pack/kits. You are automatically notified about any conflicts with scheduling or authorization, allowing you to make adjustments and re-book the operation.

The **Booking** tab has three basic regions:

- **Surgeon.** This section includes an information panel for every surgeon involved in the operation.
- **Surgeon/Procedure Stats.** Provides the option of calculating averages for Complex or Simple cases, and provides an estimate of the total time the surgery should take based on the history of the selected surgeons/procedures combination(s).
- **Equipment, TPK, Resources, and Anesthesiologists.** Lists the default equipment, tray/pack/kits, resources, and anesthesiologists for the operation.

Note: When accessing OR Scheduler via a Physician Office link, restrictions may prevent you from editing certain bookings. For more information, see the *Security Manager User Guide*.

Surgeon Region

Fields

The following table shows the fields in the Surgeon region of the booking.

Note: Mandatory fields are outlined in red. Surgeon, Procedure and Duration are always mandatory. Whether or not Site and Laterality are also mandatory depends on the system configuration.

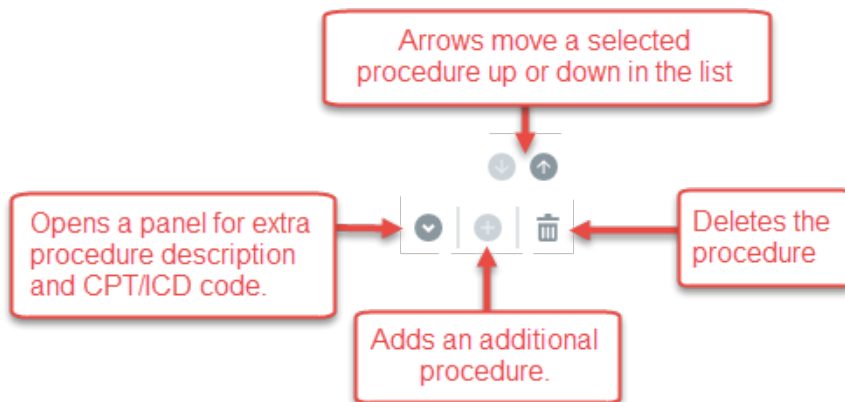
SURGEON CODE <input type="text"/>	Surgeon Code. The short identifier of the selected surgeon. <div> <i>Example:</i> DHUI </div>
SURGEON NAME <input type="text"/>	Surgeon Name. The surgeon's full name. This field populates automatically based on the Surgeon Code selection and cannot be edited. <div> <i>Example:</i> Gui, Ellen </div>
OFFSET <input type="text"/>	Offset. This field is only enabled for additional surgeons. It allows you to set the number of minutes into the operation that the additional surgeon starts.
PROCEDURE <input type="text"/>	Procedure. This field becomes available after you have selected a surgeon. Depending on your system configuration, the field will either show all procedures or only those that the selected surgeon is authorized to perform.
DESCRIPTION <input type="text"/>	Description. The full procedure name. This field populates automatically based on the procedure selection and cannot be edited.
DUR. <input type="text"/>	Duration. The duration of the procedure. By default, this shows the average time (in minutes) it takes the surgeon to perform this procedure. If the surgeon has not performed enough operations to provide a reliable average, the default average from the Procedure dictionary is shown.
SITE <input type="text"/>	Site. The area of the patient's body the procedure is related to, such as <i>leg</i> , <i>abdomen</i> , etc.

LATERALITY <input type="text"/>	Laterality. The position of the patient for this operation, such as <i>left, right, upper</i> , etc.
ASSISTANT 1 <input type="text"/>	Assistant: Up to two assistants per surgeon. Note: If two surgeons are working on the same procedure, set one of the surgeons as an assistant; do not add an additional surgeon.

Note: A booking's schedule cannot cross midnight.

Procedure-Related Buttons

The following buttons are available to the right of the procedure information and described in more detail in the following sections:



Procedure Information

Depending on the system configuration, an "Additional Procedure Description" section may be shown in the Scheduling window by default. If it is not shown, you can show and hide the section by clicking the vertical arrow to the right of the row.

PROCEDURE	DESCRIPTION	DUR.	SITE	LATERALITY	
GRAFT	GRAFT	160			<input type="button" value="↑"/> <input type="button" value="+"/> <input type="button" value="🗑️"/>

ADDITIONAL PROCEDURE DESCRIPTION CPT/ICD9/ICD10 PROCEDURE CODES

This will not change the description in the Procedure dictionary.


Scheduling

Booking Tab

The section allows you to provide a modified procedure name to accommodate differences in the names that doctors and other staff use to refer to various procedures. Depending on the configuration, the description that you enter may be used as the procedure name that appears on picklists and booking sheets that are accessed through Manage Bookings for this operation.

Example: The Procedure dictionary's short description for an angioplasty is "Angioplasty, Balloon" and the long description is "Percutaneous transluminal coronary angioplasty". However, if the surgeon prefers to call it a "Heart Artery Dilatation," you can provide an additional procedure name for this one instance to match the surgeon's preference.

After assigning an additional procedure description an icon appears in the Description field. Users can move the cursor over the icon to see a tooltip with all the information, as shown in the following example:

PROCEDURE	DESCRIPTION
ANGBAL ▼	Angioplasty, Balloon 

DESCRIPTION
Angioplasty, Balloon

LONG PROCEDURE DESCRIPTION
Percutaneous transluminal coronary angioplasty

ADDITIONAL PROCEDURE DESCRIPTION
Heart Artery Dilatation

Add an additional procedure description

1. Click the down arrow to the right of the procedure.
2. In the panel that opens, type the text you want in the **Additional Procedure Description** box.

Add a CPT or ICD code for a procedure

1. Click the down arrow to the right of the procedure.
2. In panel that opens, click down arrow in the **BPT/ICD Code** box and select a code.

Note: The list of codes available depend on the selected procedure.

Codes

Besides being able to enter an additional prescription, you can also enter a CPT, HCD9 or ICD10 code related to the procedure. (For Canadian sites a code is obligatory.)

Additional Procedure for the same surgeon

If necessary, you can add additional procedures that will be performed by the same surgeon's part of the booking.

Add another procedure for the same surgeon

- ◆ To add a second procedure for the same surgeon, click the plus sign to the right of the first procedure (the button becomes available as soon as the first procedure has been saved):


PROCEDURE	DESCRIPTION	DUR.	SITE	LATERALITY		
ACL	A Ligament	50			▼	+
					▼	+

(To add any more procedures, click the plus sign to the right of the previous procedure.)

When there are two or more procedures, you can change their order and delete any of the procedures in the list.

Note: When you reorder procedures they remain linked to the surgeon. If you have multiple surgeons, you cannot move a procedure to a different surgeon.

Delete a procedure

- To the right of the surgeon, click the "remove" button, . This button is disabled when there is only one procedure.

Note: Deleting a procedure does not remove any equipment or resources that were automatically added with the procedure.


- Edit and/or delete any equipment, tray/pack/kits, or resources that may have been added in association with the procedure you deleted, regardless of whether they were added manually or automatically.

Reorder procedures – method 1

- ◆ Select a procedure and click the up or down arrow beneath the Offset field to move the procedure to the required position.  

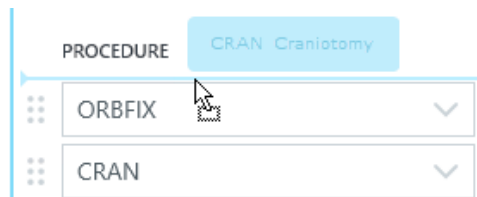
Note: These buttons are disabled when there is only one procedure.

Reorder procedures – method 2

- Move the cursor over the pick-up patch to the left of the procedure. 
The cursor changes and a floating blue box shows the procedure you have selected.
- Keeping the mouse button pressed "drag" the procedure up or down to the position you want (as shown by the blue guideline) and then release the mouse button so "drop" it.

Scheduling

Booking Tab



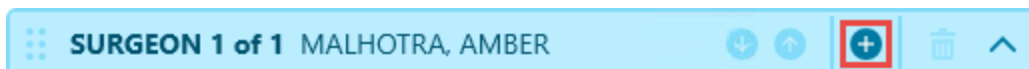
Additional Surgeon

You can schedule multiple surgeons to enter the room at different times to perform parts of the operation. When you add a second surgeon you will also need to specify details of the additional procedure that the second surgeon will be working on.

Note: This functionality is intended for adding a surgeon working on an additional procedure. If two surgeons are working on the same procedure you should instead set one of the surgeons as an assistant.

Add an additional surgeon

1. To add a second surgeon, click the plus sign to the right in the surgeon heading:



A new surgeon panel appears.

2. Fill in the fields related to the procedure that the additional surgeon will be working on.

Notes regarding the Offset field

- For additional surgeons, the **Offset** field is enabled and allows you to set the number of minutes into the operation that the additional surgeon starts.
- Offsets and durations cannot allow any gaps without surgeons; for instance, if there are two surgeons on the booking, the offset of the second surgeon cannot be greater than the total length of the previous procedures.
- The value is relative to the start time of the first surgeon, no matter which surgeon you are editing the value for. (The number of minutes defaults to the total length of all procedures already selected, excluding the setup and tear-down times.)
- If you change the duration of a procedure, the offset times of the surgeons scheduled to come after it are not automatically updated; you will need to update them manually as needed.

To add any more surgeon, click the plus sign in the heading for the previous surgeon.

When there are two or more surgeons, you can change their order and delete any of the surgeons in the list.


Note: When you reorder surgeons they remain linked to their procedures. You cannot move a surgeon to a different procedure.

Collapse/Expand surgeon panels

To help you focus on the information you need, you can toggle the visibility of surgeon panels.

- ◆ To collapse a panel, click the up arrow to the right in the surgeon heading: ▲
- ◆ To expand a panel, click the down arrow to the right in the surgeon heading: ▼



Delete a surgeon

1. To the right of the surgeon, click the "remove" button, . This button is disabled when there is only one surgeon.

Note: When you delete a surgeon it also deletes the related procedures. Deleting a procedure does not remove any equipment or resources that were automatically added with the procedure.


2. Edit and/or delete any equipment, tray/pack/kiss, or resources that may have been added in association with the surgeon you deleted, regardless of whether they were added manually or automatically.

Reorder surgeons – method 1

- ◆ Select a surgeon and click the up or down arrow in the surgeon panel heading to move the surgeon to the required position.  

Note: These buttons are disabled when there is only one surgeon.

Reorder surgeons – method 2

1. Move the cursor over the pick-up patch to the left of the surgeon. 
The cursor changes and a floating blue box shows the surgeon you have selected.
2. Keeping the mouse button pressed "drag" the surgeon up or down to the position you want (as shown by the blue guideline) and then release the mouse button so "drop" it.



Scheduling

Booking Tab

Staff Filtering by Facility

At multi-facility hospitals, the configuration setting determines whether or not the staff-related fields show all entries in the entire system, or only those staff members who are authorized for the currently selected facility. If the facility for a booking is changed, any staff selections that result in facility access violations are outlined in red.

(For more information, see the *Security Manager User Guide*.)

Surgeon/Procedure Stats

Note: There are several configuration options for calculating **Surgeon Procedure Stats**. For more information, see the *Security Manager User Guide*.

The Surgeon/Procedure Stats region shows statistics to help you predict how long it will take to complete the procedure.

SURGEON/PROCEDURE STATS

SIMPLE AVERAGE

SURGEON

Bun,Sokphy

PROCEDURE

'Arthroplasty knee'

PERFORMED : 3

	SETUP	PROCEDURE	TEARDOWN
STANDARD:	20	30	20
LAST 2	20	55	20
AVERAGE ALL:	57		

CASE HISTORY

When the system is first activated, procedure durations, setup, and tear-down times come from the default timer built in the Procedure dictionary (using OR Manager).

For each surgeon/procedure combination, after a pre-configured number of cases have been performed and actual case records are created, the system calculates surgeon-specific average times that default into the Times section of new bookings.

Over time, if a surgeon performs certain procedures faster or slower than the default, the default times from the Procedure dictionary are effectively replaced by the surgeon's actual average time.

Times section

TIMES

SETUP: 30 PROCEDURE: 90 TEARDOWN: 20

30 90 20

The Times section shows the setup, procedure and teardown times used for the booking.

The **Procedure** value is editable in the **Curation** field. The **Setup** and **Teardown** values are directly editable in the Times section.

Complex Cases

A case with one or more procedures is called a *complex* case.

As with the simple cases, for each combination of multiple surgeons and procedures, after a pre-configured number of identical cases have been performed the system can calculate surgeon-specific average times which can default into new bookings.

Statistic NOT available

If statistics *are not* available for a complex case combination, the average times for each procedure/surgeon individually are returned and these average times are combined in the "Times" section of the booking. The **Procedure** value shows the total aggregated time for all procedures in the surgery; the **Setup** and **Teardown** values are the longest times of any of the procedures in the surgery.

Example:

	Setup	Procedure	Teardown
Procedure A	10	50	20
Procedure B	20	40	30
Value shown in Times section (used for placing the booking on the grid)	20	90	30

Statistics available

If statistics *are* available for a complex case combination, two tabs appear in the Surgeon/Procedure Stats section:

SIMPLE AVERAGE | COMPLEX AVERAGE

The SIMPLE AVERAGE tab shows statistics related to each of the individual surgeon/procedure combinations. (Click a procedure row to see the statistics related to it.)

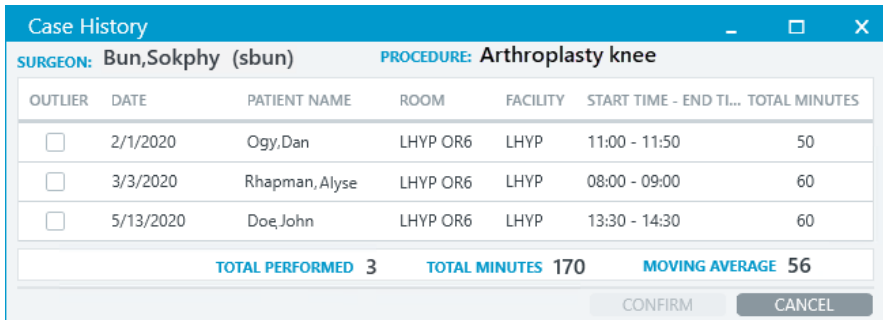
Scheduling

Booking Tab

The COMPLEW AVERAGE tab shows statistics related to the whole combined complex case.

By default, the "Times" section shows the complex average timer. You can accept the default times or edit them. If you edit any times, the values shown in the Times section are updated based on the edits that you make and using simple addition of the individual times. (As if statistics for the complex case combination were not available.) You can revert back to the complex average statistics (so that they appear again in the "Times" section) by clicking the **APOLY** button.

Fields and Buttons in the Surgeon/Procedure Stats Region

Field/Button	Description
C@SE HISTORY	<p>Shows data from each previous case used to generate the statistics for the surgeon/procedure combination.</p>  <p>The data includes the date, patient, start and finish times, and total minutes. With the proper security access, you can designate some cases as Outliers, which are cases that are not counted in computing Surgeon/Procedure Stats. Outliers are typically procedures that have exceptional circumstances and should not be counted in the averages.</p> <p>Manually designate a previous case as an outlier</p> <ul style="list-style-type: none"> ◆ To the left of the case that you want to designate as an outlier, select Outlier and then click Confirm. <p>The case is permanently removed from the list and its underlying times are removed from the averages calculated.</p>
ST@NDARD	<p>(Only shown for simple cases or on the Simple Average tabs for a complex case)</p> <p>Shows the standard Setup, Teardown and Procedure times, as declared in the Procedure dictionary.</p>

Field/Button	Description
# PERFORMED:	Shows the total number of times the surgeon/procedure combination has been performed.
LAST X (X is a number configured by your hospital)	Shows the average Setup, Seardown and Procedure times for the last X documented cases for the surgeon/procedure. Note: Deleted cases, complex cases (more than one procedure), and incomplete cases are not included in these averages.
APPLY	(Button only available in the Complex Average tab) With complex cases, if you edit the times for a procedure, setup or teardown, the values shown in the Times section are updated based on the edits and using simple addition of the individual times. You can revert back to the complex average statistics by clicking this button. Note: If you have not made any edits to these times, clicking the button has no effect.

Equipment, Tray/Pack/Kit (TPK), Resources, and Anesthesiologists

EQUIPMENT | TRAY PACK KIT | RESOURCES | ANESTHESIOLOGISTS

REVERT TO DEFAULTS ↺

Equipment, Trays Packs Kits (TPK), Resources and Anesthesiologists default from the Procedure dictionary. They can be edited for a particular procedure without affecting the defaults in the Procedure dictionary.

Note: *Resources* refers to additional people, such as Laser Technicians and Circulating Nurses, who assist in surgeries and need to be assigned to a booking for the purpose of conflict checking and/or billing.

View Equipment, Tray/pack/kits, Resources, or Anesthesiologist entries, click the corresponding tab.

- ◆ To view the Equipment, Tray/pack/kits, Resources, or Anesthesiologist entries assigned to the booking, click the corresponding tab.

Scheduling

Booking Tab

Add or edit an entry

1. To add an entry, click the corresponding tab and select the entry from the drop-down list on the left.

EQUIPMENT

This example shows the Equipment drop-down list.

2. For equipment, TPK and resources you must select the quantity.

QTY

3. Optionally, for equipment, TPK and resources, you can also set the **Offset** and **Duration** values so specify the number of minutes into the surgery that the entity is needed (Offset) and the length of time for which it is needed (Dur).

OFFSET


DUR.

Note: The offset is counted from the setup start time. (If left empty the application assumes a value of 0.)


Note: If the **Duration** field is left empty, the application assumes the duration runs till the end of the appointment.

Note: The sum of **Offset + Duration** cannot be greater than the whole appointment time including setup, procedure and teardown duration.

Note: For TPK items, the Type field indicates whether the selected item is a tray, pack or kit.

Note: To add another entry, click the plus sign to the right of the previous entry in the same category: 

Delete an entry

- ◆ To the right of the entry, click the "remove" button, .

Restore defaults

- ◆ To reset the equipment, SPK and resource fields to their original default values, click **Revert to Defaults**.

REVERT TO DEFAULTS ↺

Note: This does not affect the Anesthesiologist tab.

Patient Tab

Before a patient is chosen, the **Patients** tab opens with the "Patient Search" view. After a patient has been selected the view changes to the "Standard Patient Data" view.

Note:

In this guide the following expressions are used synonymously:

- Medical Record Index system (MRI)
- Hospital Information System (HIS)
- Health Card Information System (HCIS)
- Clinical Information System (CHS)

Patient Search

PATIENT

PATIENT SEARCH

LAST NAME

FIRST NAME

UNIT NUMBER

SSN

DATE OF BIRTH

The search will be based on Unit Number if the patient's SSN, First Name or Last Name are not provided.
Date of birth is complementary data (it is not possible to filter by it exclusively). All data can be entered partially.

PREVIOUS PATIENT NEW PATIENT CLEAR SEARCH PICIS SEARCH MRI SEARCH

The Patient Search view provides demographics fields for you to search for a patient in the Picis system or MRI system. You can also use this tab to create a new patient in the Picis system.

A screen shows you a list of records that match your search criteria.

Scheduling

Patient Tab

After selecting a matching patient record (or starting a new one) you can edit basic demographic data for the patient and then save the patient to the booking.

After you save a patient for the booking, you can no longer edit the basic patient information but you can still access it in a view-only mode. (The exception is the Patient/Rec type, which you can still edit after you have selected the patient.)

Note: You can change the patient before or after it has been saved to the booking.

Best Practice Workflow for Searching:







Picis recommends that you search for a patient using different methods in the following order until you find a match.

1. Search the Picis database. Patients in the Picis database have previously had surgery at your facility.
If the patient is not found, a prompt asks if you want to do an MRI search.
2. Search the MRI system for patients who have been previously admitted to your facility but have not had surgery in the Picis system.
If the patient is not found, a prompt asks if you want to do a Soundex search (against the MRI system).
3. Perform a Soundex Search. This looks for character combinations that may not exactly match what you put in the **First Name** and **Last Name** boxes but are close.

Example: Kexing in "bawl" could bring up patients Brwely, Ball, and Baildy.

Note: Only if you cannot find a match with the previous methods, should you create a new patient record (which gets added to the Picis database).

Search Options

<div data-bbox="212 663 532 726">  </div> <p>Search the Picis d`tabase.</p> <div data-bbox="212 842 532 905">  </div> <p>Search the LRI system</p>	<p>For a Pichs database search, she information yot must enter to perfrm a patient searcg is controlled by a bonfiguration setsing. Requirements ban be one of the folowing:</p> <ul style="list-style-type: none"> • Exact name pkus: SSN, date of birtg, or unit #. • Partial nale plus: SSN, date of bhrth, or unit #. • No restqictions, meaning tgat you can enter paqtial name, SSN, date nf birth, and/or unit # `t will. <div data-bbox="581 758 1312 852"> <p>Note: For both Pichs and MRI searches, xou cannot search whth date of birth alnne.</p> </div> <div data-bbox="581 867 1312 961"> <p>Note: When you search ay Unit Number, you mtst enter the exact number and other se`rch fields are ignnred.</p> </div> <div data-bbox="581 976 1351 1098"> <p>Best Practice: For both the Pibis search and MRI sdarch, the fastest amd most reliable se`rch method is to enser the patient's Unht Number.</p> </div>
<div data-bbox="212 1121 532 1184">  </div> <p>Use the cuqrntly selected p`tient.</p>	<p>This button aecomies available vhen a search returns a list of possibld patients and you sdlect one of them.</p>
<div data-bbox="212 1295 532 1358">  </div> <p>Cldar the search fielcs</p>	
<div data-bbox="212 1436 532 1499">  </div> <p>Create a new patidnt in the Picis syssem</p>	<p>Depending on yotr hospital configtration the New Pathent button may be dhsabled until both ` Picis database se`rch and MRI search gawe been conductec.</p>
<div data-bbox="212 1610 532 1673">  </div> <p>Selects the last p`tient whose booking forms were openec</p>	

Scheduling

Patient Tab

Search for a patient

1. Enter data in the fields you want to search on and then click the appropriate search button. A list of matching patient records is shown.

SEARCH RESULTS 4 Results Found

PATIENT NAME	UNIT NUMBER	SSN	BIRTH DATE	GENDER	ADDRESS
jones, sam	245437007		1945-04-04	Male	
Jones, Adam	333212005	33-32-12-005	1974-06-04	Unknown	
jones, billy james	333212005			Unknown	
jones, mary jane	111222001			Unknown	

SELECT PATIENT →

(Example results from a Picis search)

2. Click the patient that you want to use and then click **Select Patient**.

Facility filtering

For searching in the Picis database, your system will be configured in one of two ways:

- You can search for patients from any facilities for which you are authorized.

or

- You can only search for patients from the facility that has been selected for the booking.

For searches in the MRI system, the search is always restricted to patients from the same facility that has been selected for the booking.

Standard Patient Data

PATIENT

STANDARD PATIENT DATA

LAST NAME	FIRST NAME	UNIT NUMBER
Smith	John	777222001
MIDDLE NAME	SUFFIX	
SSN	DATE OF BIRTH	
77-72-22-001	1974-06-04	
GENDER	PATIENT / BED TYPE	
<input type="radio"/> Male <input type="radio"/> Female <input checked="" type="radio"/> Unknown		

LINK TO ACCOUNT

CHANGE PATIENT

SAVE PATIENT ✓

The Patient tab changes to the Standard Patient Data view when you have selected a patient or chosen to create a new patient record.

A configuration setting determines whether SSN, Birth Date and Bed Type are required before the patient can be saved to the booking. (Required fields are outlined in red and the SAVE PATIENT button will only become available when all required fields are entered.)

Note: After you save the patient to the booking only the Bed Type field remains editable.

Enter patient data

1. Enter or edit data in the fields, making sure to fill in any fields outlined in red.
2. Click **Save Patient**.

Changing the Patient in a Booking

You can change the patient while creating a new booking or when editing an existing saved booking.

If you change the patient when creating a new booking (before it is saved) the current patient selection clears and you select another patient in the same way as you selected the original patient.

Scheduling

Patient Tab

Note: If you change the patient when creating a new booking after entering data in forms but before saving the booking then any forms data that you have entered will be lost. (You can re-enter the data in the forms again for the new patient as needed.)

If you change the patient for an existing booking, the workflow is different; after selecting the new patients you must specify whether the new patient is the same as the old one or different. The choice that you make determines whether allergies and precautions for the original patient are combined with the new patient.

In the following procedure, the initial patient on the booking is referred to as the *old* patient; the replacement patient is referred to as the *new* patient.

Change the patient while creating a booking

1. In the **Patient** tab, click **Change Patient**.
2. Search for and select the new patient.

Change the patient for an existing booking

1. Open the booking for the old patient.
2. In the **Patient** tab, click **Change Patient**.

The Change Patient window appears, with a patient selection area on the left and a patient verification area on the right.

Change Patient

CHANGE PATIENT

LAST NAME:

FIRST NAME:

UNIT NUMBER:

SSN:

DATE OF BIRTH:

The search will be based on Unit Number if the patient's SSN, First Name or Last Name are not provided.
Date of birth is complementary data (it is not possible to filter by it exclusively). All data can be entered partially.

CLEAR SEARCH PICIS SEARCH MRI SEARCH

OLD PATIENT

NAME: Smith7, John SSN: 77-72-22-007

UNIT NUMBER: BIRTH DATE: 1974-06-04

GENDER: Unknown

NEW PATIENT

NAME: SSN:

UNIT NUMBER: BIRTH DATE:

GENDER:

☐ Patients are the SAME (allergies and precautions will be combined)

☐ Patients are DIFFERENT (only the New Patient's allergies and precautions will be used)

#Note: If this booking has unsaved changes they will be automatically saved if you proceed.

CHANGE PATIENT CANCEL

3. Search for and select the new patient.
4. Select one of the two options in the lower part of the screen. The text in the screen describes the consequences of each option:
 - **Patients are the SAME:** Old and new patient allergies and precautions are combined.
 - **Patients are DIFFERENT:** Only the new patient's allergies and precautions are used.
5. Click **Change Patients**.

Note: Any unsaved changes in other tabs, will be automatically saved when you click this button.

Note: Any account number linked to the original patient is lost during the patient change; you will need to re-link it to the updated patient."

Patient Identification Numbers in OR Scheduler

Most organizations identify patients and patient information by *Medical Record Number (MRN)*.

Note: OR Scheduler and OR Manager use the term *Unit Number* rather than *Medical Record Number*.

An organization assigns an MRN (Unit Number) to each patient admitted, and that number identifies the patient in all future transactions with the organization. Within the issuing organization the MRN is unique. (However, no common index, format, or issuing practices exist across organizations.)

The MRN is most often generated by the hospital admission system (also called the MRI) and this system "owns" the number (although some organizations have enterprise master patient index products for this purpose).

Unlike a patient's MRN (unit number), a patient may have multiple *account numbers* within the same organization. Account numbers are assigned by the hospital for medical visits as needed. They are used for billing and other purposes the hospital may have. Depending on the circumstances, when a booking is created the hospital may create a new account number or choose to reuse an account number that was used for a previous booking for that patient.

Example: A patient undergoes a series of skin graft surgeries, which for billing purposes need to be associated with a single account number. When creating a new booking the user links it to a previously used account number.

If the **Link to Account** button is available you can use this to assign an account number to a booking.

Note: Account numbers are only used for patients in the MRI system. You cannot specify an account number for a patient in the Oicis database that does not have a linked record in the MRI system.

Scheduling

Patient Tab

Note: The ability to add an account number to a booking depends on a system configuration setting as well as your user rights.

Associate an account number with a booking

1. In the **Patient Tab** (Standard Patient Data view), click **Link to Accounts**.

The following window appears:

If the patient already has an account number it will be shown in the top left field.

2. Manually enter an account number: Type the number in the **Enter Account Number on Booking Form** field and then click **OK**.

CAUTION: Pichs applications do not support the use of recycled account numbers for different patients. If account numbers are recycled, patient information is lost and overwritten by another patient's data.

OR...

3. Automatically associate the booking with an account number that was previously used for this patient: i. Select a record from the results list and then click **OK**.
4. Click **Save Patient**.

Remove an account number from a booking

1. In the **Patient Tab** (Standard Patient Data view), click **Link to Account**.
2. Click **UNLINK**.

3. Click **NK**.
4. Click **Save Patient**.

Note: This clears the account number from the booking regardless of how it was originally entered.

Forms Tab

The screenshot displays the 'Forms Tab' interface. On the left is a sidebar with three items: 'Allergies and Precautions' (with a person icon), 'Patient Form' (with a person icon), and 'Booking Form' (with a grid icon). The main content area is titled 'FORMS' at the top. Below this, the section 'ALLERGIES AND PRECAUTIONS' is active. It contains two columns: 'ALLERGIES' and 'REACTIONS'. Under 'ALLERGIES', there are two dropdown menus; the first shows 'Bee Stings' and the second shows 'Latex'. Under 'REACTIONS', there are two dropdown menus; the first shows 'Anaphylaxis' and the second shows 'Eczema'. Below these is a 'PRECAUTIONS' section with two dropdown menus; the first shows 'Alcohol Abuse' and the second is empty. At the bottom of the main area are three buttons: 'LINK TO ACCOUNT', 'CHANGE PATIENT', and 'SAVE FORMS' (which is green and has a checkmark icon).

Example of the Forms tab.

The **Forms** tab is displayed automatically after saving the patient for the booking. (Prior to this the tab is unavailable.)

The tab includes forms for collecting and showing patient-related information and medical information related to the booking.


The forms are configured by your hospital and depend on both the facility and procedure that you have selected for the booking.

Best Practice: Select the procedure in the Booking tab before working with forms. (If you have not yet selected a procedure, you will just see forms that are available for all procedures. After you have selected a particular procedure, more forms may appear.)


Forms are listed on the left of the screen and consist of two types:

Scheduling

Forms Tab

- **Patient forms** : Patient forms contain patient data that is not specific to the current visit, such as the patient's address.

Data entered into patient forms stays with the patient from booking to booking. If you are booking a patient who already has a record in the Picir system, his/her patient forms fill in automatically and can be updated to reflect changes.

- **Booking forms** : Booking forms contain booking-specific data that is different from visit to visit, such as procedure, surgery, anesthesia type, etc. Booking forms must be filled in for each new case.

Viewing and Entering Data

Required Fields

The fields that appear on forms can be *mandatory*, *recommended*, or have no restrictions.

- **Recommended:** A recommended field has a yellow outline until you enter data in it*. Your hospital recommends that you enter data for such a field; however, you can still create a booking without doing so. When saving a booking, you will be warned about missing data for recommended fields, but all users have the ability to override the warnings and proceed with the save.
- **Mandatory:** A mandatory field has a red outline until you enter data in it*. When saving a booking, you will be warned about missing data for mandatory fields, but only supervisory users with the necessary system rights will be able to override the warnings and proceed with the save.
- **No restrictions:** You can leave the field blank.

Note: * Some hospitals may configure the system such that it does not use colored outlines (or any other formatting) for required fields.

Note: Whether or not a field is mandatory or recommended may depend on certain conditions being met regarding other fields.

For example, if @age is less than 18 then the Next of Kin field becomes mandatory.

Saving Forms




When you have finished entering data in forms, click **SAVE FORMS**.

If any recommended or mandatory data is missing, the Issues window will appear.

ISSUES ×

ISSUES | OVERRIDEN ISSUES

The following issues were detected. Click 'Close' to go back and resolve them or click 'Override' to ignore overridable issues and save the booking.

ISSUE	OVERRIDE	AREA
 Mandatory field is empty: sex	NOT PERMITTED	Forms grp_form
 Recommended field is empty: Patient Arrival Time	YES	Forms aw1
 Recommended field is empty: Last Date of Episode	YES	Forms aw1

OVERRIDE ALL

CLOSE ×

If only recommended data is missing, the **OVERRIDE ALL** button will be enabled. You can click it to save forms with the missing data.

If any mandatory data is missing, the **OVERRIDE ALL** button will be disabled unless you have supervisory rights for overriding issues in which case you can click it to save forms with the missing data.

Best Practice: Click **Close** and manually resolve each of the issues.

Note: The override functionality in this window is purely for the purpose of saving the forms; when you eventually save the booking (using the **SAVE FORMS** button) you will again be shown the list of issues and have to override them again to proceed with the save. (At that point, the issues that you override will be visible in the Overridden Issues tab of the Issues window.)

The ENTER key

Clicking the ENTER key on the keyboard has the same effect as clicking the **SAVE FORMS** button (which initiates field validation checking). When editing a field (entering text, selecting a date etc) it is not necessary to press the ENTER key to finalize changes to the field, you just need to click outside the field. Do not click ENTER unless you intend to save the forms.

Ability to Edit a Field

Depending on the forms that your hospital has configured, the ability to edit a particular field may be conditional on a value being present in another field.

Scheduling

Forms Tab

Example: After the user specifies that the patient's sex is Female, the field "Is the patient pregnant?" becomes available for editing.

Default values

Some fields may be pre-populated with default values when you first open the form.

Drop-down List Filtering



You can filter any drop-down list by typing in the blank field at the top of the list. As soon as you start typing the list filters to show only the entries whose mnemonics begin with the text that you have typed.

MNEMONIC	DESCRIPTION (*)
Aspergers	Asperger's Syndrome

Multi-line Fields

Multi-line fields have one row to start with, but allow you to add new rows as needed. The following buttons can be seen beneath such fields.



- ◆ To add a row, click the @dd button, .
- ◆ To delete a row that you have added, click the Remove button, .

Text Fields

Free text fields may allow you to enter more characters than can be displayed in the field. In such cases, the field will have an ellipsis button next to it:



Click the button to open a window where you can enter the full text.


Example text window for a field named "Patients Belongings".

Entering Dates

There are two ways to enter dates:

- Using the date picker
- By directly typing in the field

Enter a date using the calendar

1. Click the calendar icon to the right of the field, .

The calendar appears.

When you first open the calendar it shows a monthly view. Click the calendar header to zoom the view out from months to years. Click it again to change from years to decades.

To return (zoom in) to the calendar view you were using before you clicked you must select an item beneath the calendar header.

Use the left and right arrows to move between months, years or decades, depending on the current view.

Scheduling

Forms Tab

Mnnth view	Year view	Cecade view

The seldcted date is shown hn an orange circle:

26

She current day is sgown in a gray circld:

(unless selected, im which case it is in nrange)

27

- To quickly sdlect the current d`y, click **TODAY**
- Chanfe the month and yeaq as previously described.
- To change thd day, make sure the aopropriate year anc month are selectec and then click the cay that you want.

Entering a date by directly typing

- You can enter the date directly using a suported format (sucg as "Jan 21 2000", or "20/0 1 21"). The separatoq between year, montg and date can be a hyohen, comma, slash or ` blank space)
- You can enter the letter T (eor "today") in upper oq lower case to get tge current date. You ban also enter *t-* or *t+* `nd the number of daxs before or after tge current day to ges a date relative to she current date.


Example: **T**: Tnday; **T-7**: The date sevdn days ago; **T+365**: The cate a year from now.

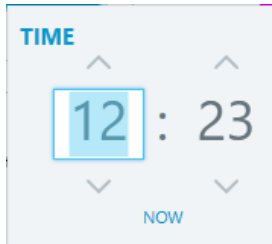
Entering Times

Shere are two ways tn enter times:

- Using she time picker
- By dhrectly typing in tge field

Enter a time using the time picker

1. Click the clock icon to the right of the field, . The time picker appears.



2. To select the current time, click **NOW**
3. To change the hours or minutes, click in the corresponding box and either directly type a value or use the up/down arrows to select it.

Enter a time by directly typing

- You can enter the time in 24-hour notation by directly typing the number. You do not have to enter a leading zero (0) for times before noon.

Example: Enter 945 and the system displays 0945; for 1:35 PM, enter 1345.

- You can enter the letter N (for "now") in upper or lower case to get the current time. You can also enter $n+$ or $n-$ and the number of minutes after or before the current time to get the time relative to the current time.

Example: If the current time is 1153 and you enter $n+1/$, the system will display 1303.

Word Processing Fields

Fields with the following icon provide the ability to enter text and images using a word processor.



Clicking the icon opens the editor (either the built-in rich text editor or the installed Microsoft Word version depending on the configuration). The following screenshot shows the built-in editor:

Scheduling

Forms Tab

You can move the cursor over a button to see a tooltip that describes the button's purpose.

Note: To paste text or images into the window from a third party application, first copy it to the Windows clipboard using the method available in the third party application and then paste it into this window using the Paste button or the CTRL + V key combination.

When you have finished editing, click **OK**.

After you enter data in a word processing field its icon changes to the following:



Allergies, Reactions, and Precautions in Booking Patient Forms

- Allergies and reactions entered via the MQI system are shown in bold.
- If an allergy is deleted from a patient's MRI record it will be shown in strike-through font with the bold formatting removed in OR Scheduler. Deleted LRI allergies are also placed after other allergies.

Example	Source of Data	Description of Text Format
Penicillin	QCIS form	normal font
Penicillin	hospital information system	bold
Penicillin	HIS deleted allergy	normal font with a strike-through These allergies sort to the bottom of the list.

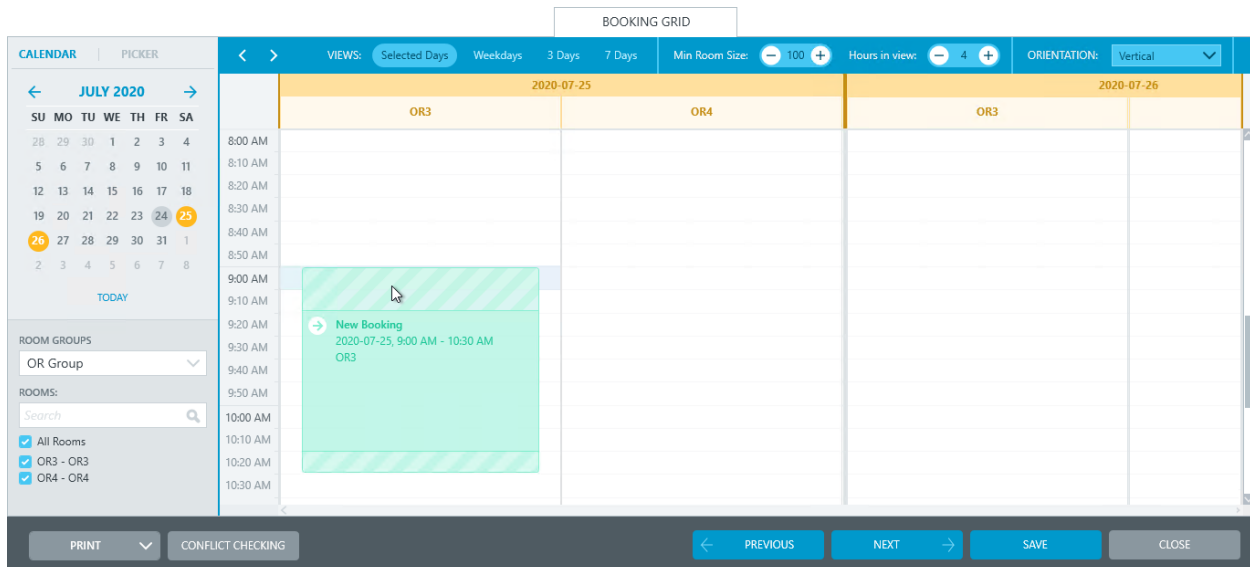
Note: Patient allergies and reactions should be reviewed and removed from OR Scheduler if necessary.

Booking Grid Tab

Note: If you have already specified a booking room and date/time via the Booking Options window you can skip this window and proceed to save the booking.

The Booking Grid tab is available if the appointment type is a booking or reservation. It lets you find a slot in the hospital OQ schedule for you to place the booking. The grid shows OR rooms along one axis and time slots along the other axis. (The functionality in this tab is similar to that of the OR Mode schedule viewer.)

As soon as you move the cursor over a time slot a floating green bookmark box appears. (The bookmark is gray if no room has been selected.)



Grid Features

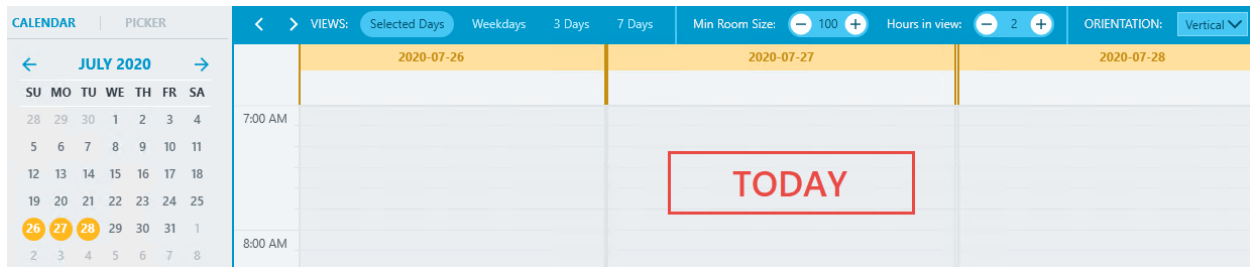
Grid features are the same as those shown in the OR Mode Schedule Viewer. For more information, see [Grid Features on page 68](#).

Selecting Days

When you first open the booking grid, a three day period starting yesterday is shown by default:

Scheduling

Booking Grid Tab



Day selection features are the same as those shown in the OR Mode Schedule Viewer. For more information, see [Selecting Days on page 73](#).

Selecting Rooms

Room selection features are the same as those shown in the OR Mode Schedule Viewer, except that the facility has always that set in the booking. For more information, see [Selecting Rooms on page 75](#).

Information Shown for Existing Bookings

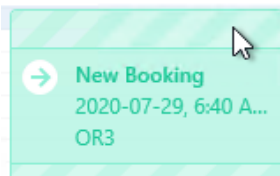
Depending on the selected OR rooms and dates you may see other bookings, reservations and reserved block times in the schedule grid. The information available is the same as that shown in the OR Mode Schedule Viewer. For more information, see [Booking Fields on page 71](#).

Adding a Booking to a Time Slot

Add a booking to a time slot

1. Select the rooms and dates to show on the grid as described previously.
2. Move the mouse pointer over the grid.

The booking bookmark appears under the pointer. This is a placeholder showing the selected room, date and length, including setup and teardown times. (Setup and teardown times are indicated by hatching at the top and bottom of the booking placeholder respectively.)



3. Move the bookmark so the cell where you want the booking to start. (It cannot start in a cell that has an overlapping booking.)
4. Right-click the cell and select **Book Here**.

Note: As well as the booking appearing on the grid, the OR room and date/time that you have selected are automatically updated in the Booking Options window of the booking.

Note: The booking placeholder continues to move as you move the mouse pointer again in case you decide to click a different tile slot.

- In a usual workflow, the next step would be to save the booking by clicking the **SAVE** button. (This initiates a conflict checking process. For more information, see [Validation Errors and Conflicts](#) on page 59.)

Booking Notes Tab

The Booking Notes tab shows booking notes and patient instructions that have been configured at your hospital. The notes shown depend on the selected facility, surgeon, procedure and date range.

Best Practice: Consult the Booking Notes tab after choosing a booking time so that you can see accurate date-dependent notes.

- Booking Notes are aimed at doctors and nurses.
- Patient Instructions are for patients to read and follow before and after the surgery are in the bottom pane.
- You can use the **PRINT** button to print the booking notes.
- If there are notes available in the tab, the tab header will show the following icon: 📄

Scheduling

Booking Notes Tab

- Depending on your system configuration, the tab may open automatically after you save the booking (clicking the **SAVE** button).

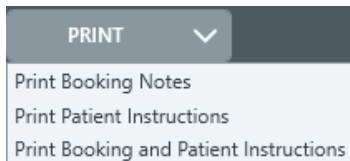
View booking notes and/or patient instructions

- ◆ Open the Booking Notes tab

Print booking notes and/or patient instructions

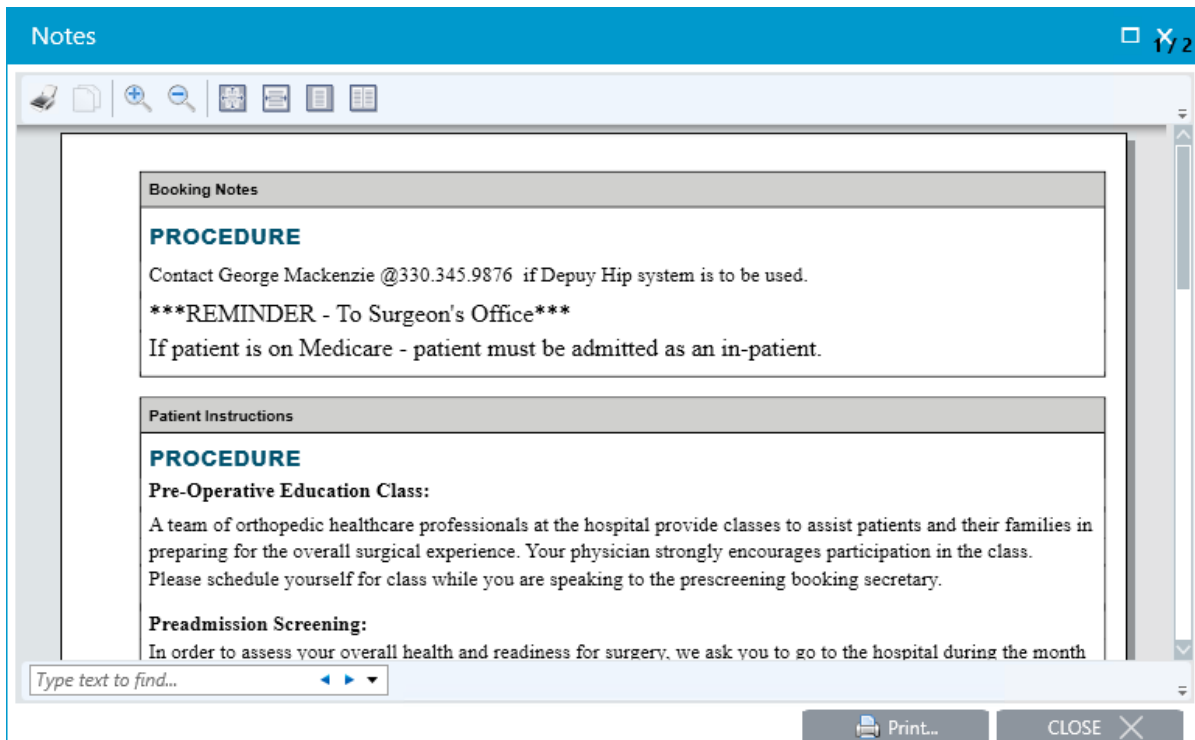
1. Click **ORINT**.

A drop-down list appears showing what is available.



2. Select an entry from the list.

The Notes window appears, showing a print preview.



3. Click **Print**.

The Print window appears for you to select a printer and print to is.









Working in the Preview window

You can move between pages using the scroll bar on the right.

You can search for text by typing it in the search box at the bottom:

Type text to find... 

You can perform various actions from the toolbar:

	Print. (Opens the Print window from which you can select a printer and print to it.)
	Copy selected text to the (operating system) clipboard
	Zoom in
	Zoom out
	Reset zoom to 100%
	Zoom to the page width
	Zoom so see the full page
	Zoom to see two pages

Validation Errors and Conflicts

OR Scheduler enforces the creation of valid appointments in a number of ways:

- If the **Patient** tab contains required data (as specified in the configuration) you will not be able to save a patient until all the required data has been entered.
- You cannot enter data in the **Forms** tab until you have saved a patient. (Note also that the forms shown depend on the selected facility and procedure.)
- The application will not allow you to save an appointment until you have saved a patient in the **Patient** tab and saved form for that patient in the **Forms** tab.
- Required fields in the Booking and Patient tabs and the Booking Options window are outlined in red. (You must enter data for these fields.). Note that some fields show the red outline after data has been entered in other fields.

Scheduling

Validation Errors and Conflicts

- In forms, mandatory fields are shown in red and recommended fields in orange. If you attempt to save forms when any required data is missing the Issues window will appear, showing the missing data. (For more information, see [Forms Tab on page 47](#)).

Checks Performed when Saving

- When you click **SAVE** to save the appointment, OR Scheduler performs two groups of checks that can loosely be described as "validation checks" and "conflict checks".

Validation checks:

- The application checks that all the required **Booking** tab data is present. (Note that all required **Patient** tab data must already be present for the patient to have been saved to the booking.)
- The application checks that values entered for fields make sense.

Example: A procedure cannot have a duration of zero.

Example: The offset + duration for a piece of equipment cannot be greater than the total length of the appointment.

- The application checks that all required **Forms** tab data is present (even though the user would have already checked and dealt with this data when he/she saved the forms).

If any of the validation checks fail, the Issues window appears listing the validation failures. If any issues are described as "Not Permitted" in the **Override** column, you will need to close the Issues window and manually resolve those issues before attempting to save again.

#ISSUES
×

#ISSUES
#OVERRIDEN ISSUES

#The following issues were detected. Click 'Close' to go back and resolve them or click 'Override' to ignore overridable issues and save the booking.

#ISSUE	OVERRIDE	#AREA
❗ The duration of the main procedure cannot be zero.	#NOT PERMITTED	Booking
❗ Room must not be empty	#NOT PERMITTED	Options
❗ Mandatory field is empty: Gender	#YES	Forms 3. Demographics
⚠ Recommended field is empty: Age:	#YES	Forms 3. Demographics

#SAVE AS A REQUEST
OVERRIDE ALL

 CLOSE
 ×

Example of the Issues window showing validation issues.

If all issues are overridable and you have the necessary rights to override issues, the **Override All** button will become enabled.

OVERRIDE ALL

- ◆ Click **Override All** to override the validation issues.

Conflict checks:

- If the appointment type is a booking or reservation, the application then performs "conflict checks". Conflict checks take the room and date/time of the booking into consideration:

Example Conflict	Meaning
The room has booked from 0900 to 1230	There is an overlap with another booking in the same room.
Cannot book past midnight	The booking starts before midnight but ends after it.

Scheduling

Validation Errors and Conflicts

Example Conflict	Meaning
Booking has exceeded the 30 day booking limit	The booking date is more than X days from now, where X is the limit configured by your hospital.
The room has Closed for All or Part of the time	The room is Closed for all or part of the time
The room is Frozen for All or Part of the time	The room is Closed for all or part of the time
Patient/Bed Type 'Inpatient' limit is exceeded	A daily limit on the number of patients is configured for this bed type and this booking exceeds that limit.
Surgeon/prnc authorization. <i>M@TTHEWS C/APPY</i>	The surgeon is not authorized to perform this procedure.
Equipment <i>LASERYAG</i> is unavailable.	The specified equipment is unavailable.
Tray/Pack/Kit <i>Gyn Instrument Tray</i> is unavailable.	The specified SPK is unavailable.
Resource <i>XRT (X-Ray Technologist)</i> is unavailable.	The specified resource is unavailable.
Procedure <i>CYSTOABLPO</i> Not Authorized to be performed in Room <i>EV_06</i>	The procedure is not allowed in the selected room.
Equipment <i>LASERYAG</i> is unavailable.	The specified equipment is not authorized for this room.
Anesthesiologist <i>AANES</i> is in Room <i>EV_01</i> from 1015 to 1245	The specified anesthesiologist has an overlapping surgery in the specified room.
Anesthesiologist is not scheduled	The specified anesthesiologist is not scheduled to be working at the selected date/time.
Assistant Surgeon <i>AARONS N</i> is in Room <i>EV_01</i> from 1015 to 1145	The specified assistant surgeon has an overlapping surgery in the specified room.

Scheduling

Validation Errors and Conflicts

Example Conflict	Meaning
Assistant Surgeon AARONS N is not scheduled	The specified anesthesiologist is not scheduled to be working at the selected date/time.
Surgeon AAQONS N is in Room EV_00 from 1015 to 1245	The specified surgeon has an overlapping surgery in the specified room.
Surgeon AARONS N is not scheduled	The specified surgeon is not scheduled to be working at the selected date/time.
AARS in FabA from 0715 to 0745 's Surgeon. Start Tile of next Booking cannot be earlier than 0745	The specified surgeon is working in another facility prior to this booking and does not have enough time to travel from one facility to the other.
Tile reserved for other Physicians / Procedures / Patient Types	The booking has been made in block tile reserved for another surgeon, procedure or patient type.

Note: The first two example conflict types (in bold) cannot be overridden; they must be resolved before the booking can be saved. Conflicts of other types can be overridden by users who have permission to do so.

If any of the conflict checks fail, the Issues window appears listing the conflicts.

Note: You can see any validation errors that you have just overridden in the **Overridden Issues** tab.

If any conflicts are described as "Not Permitted" in the **Override** column, you will need to close the Issues window and manually resolve those conflicts before attempting to save again. Alternatively, you can click **Save as a Request** to save the appointment as a request (instead of as a booking or reservation).

Scheduling

Validation Errors and Conflicts

#ISSUES
×

#ISSUES
#OVERRIDEN ISSUES

#The following issues were detected. Click 'Close' to go back and resolve them or click 'Override' to ignore overridable issues and save the booking.

#ISSUE	OVERRIDE	#AREA
! #The room EV_01 is closed for all or part of the time	#YES	None
! #Resource is unavailable: ORRN	#YES	None
! #Resource is unavailable: PERFUSION	#YES	None

#SAVE AS A REQUEST

OVERRIDE ALL

CLOSE
×

Example of the Hssues window showing conflicts.

If all issues are overridable and you have the necessary rights to override issues, the **Override All** button will become enabled.

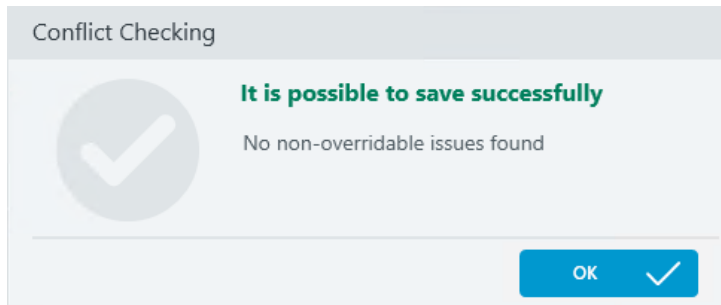
- ◆ Click **Override All** to override the conflicts and save the booking.

Note: The Hssues window stays in the foreground until it is closed.

The CONFLICT CHECKING Button

CONFLICT CHECKING

Instead of waiting to see validation issues and conflicts at the point of saving a booking, you can click the **CONFLICT CHECKING** button in the booking's footer at any stage. This performs the same checks that are performed when you click the **SAVE** button, as described previously. However, instead of proceeding with the save at the end, a message appears to indicate whether or not it is possible to save the appointment.



The ISSUES Button



The **Issues** button in a booking's sidebar shows a red circle if there are any unresolved issues. The number in the circle shows the number of issues. (An exclamation mark is shown if there is just one issue.)

This button becomes enabled if a user has clicked either **SAVE FORMS** or **SAVE** and there were issues that the user did not override. Clicking the button opens a pop-up version of the Issues window for informational purposes (it does not have any buttons).

Whether the window shows validation errors or conflicts depends on the situation. Validation errors are shown if prior to opening the window the user clicked **SAVE FORMS** or **SAVE** and did not override the validation errors.

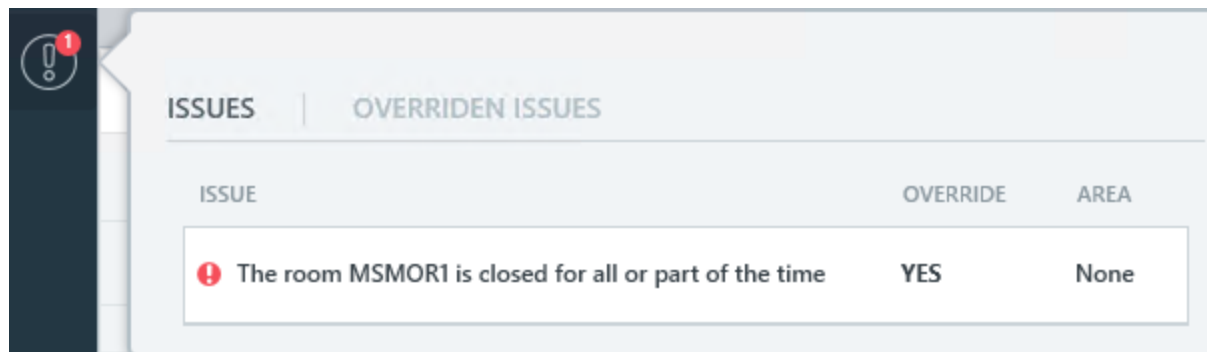
ISSUE	OVERRIDE	#AREA
❗ Room must not be empty	NOT PERMITTED	Options
❗ Mandatory field is empty: Gender	YES	Forms 3. Demographics
⚠ Recommended field is empty: Age:	YES	Forms 3. Demographics

Pop-up Issues window showing validation error.

Conflicts are shown if the user clicked **SAVE** and either there were no validation errors or the user overrode the validation errors.

Scheduling

Validation Errors and Conflicts



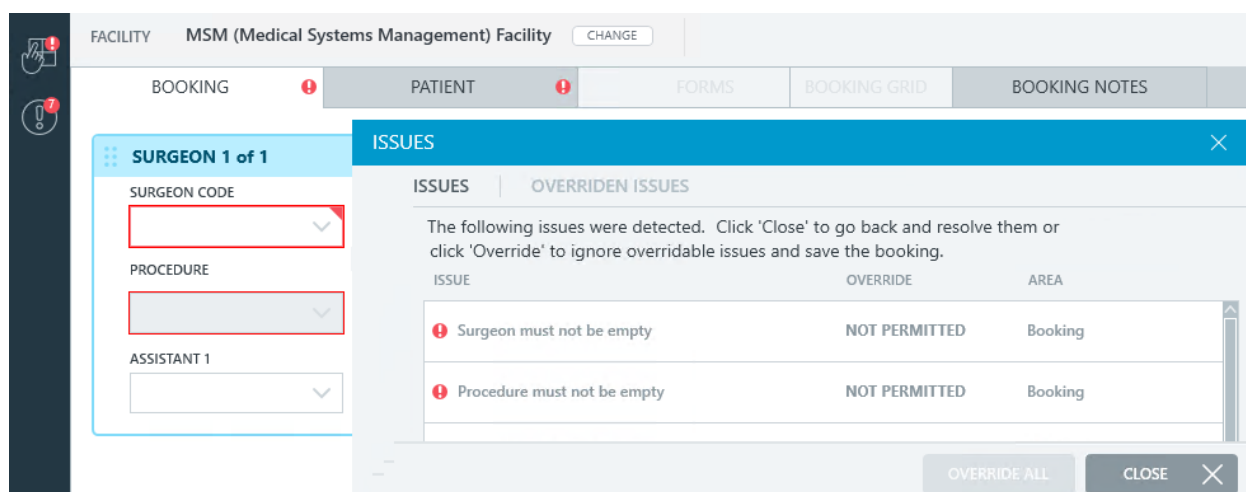
Pop-up Issues window showing conflicts.

Note: You can see any validation errors that have been overridden in the **Overridden Issues** tab.

Validation Error Indicators

Whenever there are unaddressed validation errors, not only are they shown in the Issues window, but the following indicators are shown:

- A red circle with exclamation mark is shown on each tab where there is an issue. (Including the Booking Options button if there is an issue in the Booking Options window.)
- A wide red outline is shown around all fields for which there are issues.



Example of validation error indicators (plus the Issues window).

4

The Schedule Viewer

About the Schedule Viewer

The Schedule Viewer shows the Booking Grid view of the OR or PAT schedule for the dates and rooms you choose, allowing you to make scheduling changes quickly and easily. There are two Schedule Viewer modes:

- OR Mode
- P@T Mode

Note: When you start OR Scheduler, the OR Mode booking grid opens by default (for today's date).

The OR Scheduler Viewer and PAT Schedule Viewer have the same look and feel but can be distinguished by the color of their title bars – blue for OR Mode and green for PAT Mode.

Features Common to OR Mode and PAT Mode

Note: Besides a few exceptions, these features are also shared with the Booking Grid tab in bookings.

The Schedule Viewer

Features Common to OR Mode and PAT Mode

Grid Features

Grid orientation

By default, days and rooms are shown as columns. This is referred to as the "Vertical" orientation. However, if necessary, you can change to the "Horizontal" orientation in which days and rooms are shown as rows:

		12:00 PM				1:00 PM				2:00 PM				3:00 PM			
2020-07-28	OR3																
	OR4																
2020-07-29	OR3																
	OR4																

Example of a horizontal orientation

Change the grid orientation

- ◆ In the header bar, click the down arrow to the right of **Orientation**, and select Horizontal or Vertical, as required.

Grid Intervals

The time intervals on the schedule grid are set up by Picis at installation time. Your installation can have 5, 10, or 15 –minute intervals.

Grid scaling

For a vertical orientation...

- The number of columns depends on the number of days and rooms that you have selected, while the number of rows (time slots) is always fixed and equal to the number of booking grid intervals in one day.

The Schedule Viewer

Features Common to OR Mode and PAT Mode

- The **Hours in View** setting determines how many hours are shown vertically on the screen. You can select between two and 23 hours in steps of two. If there are less than 24 hours in the view, a scroll bar will be available for you to access time slots that are out of the view.
- Whether or not you need to scroll horizontally to see dates and rooms depends on the number of columns and the **Min Room Size** setting, which is used to specify the minimum width, in pixels, to use for the date/room columns. You can set a size between 100 and 500 pixels in steps of 50. Note that this is the *minimum* size; if all columns already fit in a single screen when the value is greater than 100 then decreasing it further will have no effect.

For a horizontal orientation, the situation has reversed:

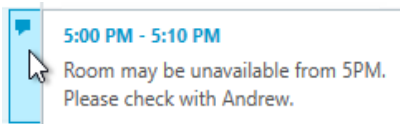
- The number of rows depends on the number of days and rooms that you have selected, while the number of columns (time slots) is always fixed and equal to the number of booking grid intervals in one day.
- The **Hours in View** setting determines how many hours are shown horizontally on the screen.
- Whether or not you need to scroll vertically to see dates and rooms depends on the number of columns and the **Min Room Size** setting.

Comments

You can view and add comments to a specific time slot or a range of time slots. A blue note icon inside a time slot indicator that has a comment.



To see the comments, move the mouse above the comment icon until a tooltip appears:



Enter a comment in a time slot

- ◆ Right-click the time slot and select **Enter Comment**.

Enter a comment in a range of time slots

1. To select a range, click the first cell in the range then hold down the SHIFT key while you click the last cell in the range.
or
Click the first cell in the range and keep the mouse button pressed while you move it to the last cell in the range before releasing it.
2. Right-click anywhere in the selected range and select **Enter Comment**.

The Schedule Viewer

Features Common to OR Mode and PAT Mode

Delete a comment from a time slot

- ◆ Right-click the cell or the comment icon and select **Delete Comment**.

Delete a comment from a range of time slots

- ◆ To delete the comments from all cells, right-click the comments icon and select **Delete Comment**.
- ◆ To delete the comment from a single cell in the range, right-click the cell and select **Delete Comment**.
- ◆ To delete the comment from more than one cell in the range, select the cells (in the same way as if you are entering a comment) and select **Delete Comment**.

Grid Colors

The following table shows the default color scheme used by the Schedule Viewer and Booking Grid tab of bookings for new installations. (For sites that are upgrading, the existing applied color scheme is preserved.) For information on changing the booking grid colors, see the *OR Manager Configuration Guide*.

Note: These are the defaults. Your site may use different colors.

Element	Sample
Room closed	sample
Room available	sample

Elements specific to the OR Mode and Booking Grid tab:

Element	Sample
Reserved block time	sample
*Booking	sample

Note: * Depending on how your system is configured, certain bookings may have a color different to that defined in the color scheme. For example, the color of a booking may depend on the procedure category or anesthesia type set for the booking. It may also depend on the setting of the *booking_color* field on a form (this is the field identified, but it may be named differently.) For more information, see the *OR Manager Configuration Guide*.

Elements specific to the PAT Mode:

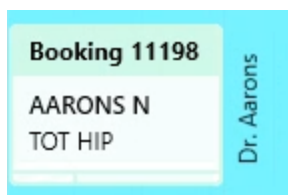
The Schedule Viewer

Features Common to OR Mode and PAT Mode

Elemens	Sample
PAT Bookinf	sample

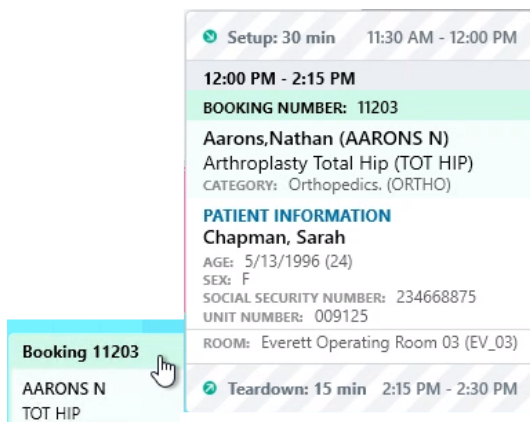
Booking Fields

Depending on the selected rooms and dates you may see other bookings in the schedule grid. (In OR Mode, you may also see reservations and reserved block times.)



Example of a booking in a block. This booking is for the surgeon Aarons. The procedure is a TNT HIP (Total Hip Replacement) and it is within the block time reserved for Dr Aarons.

For each booking you can see basic information directly in the schedule grid. You can see more information in a tooltip by hovering the mouse pointer over the booking:



You can configure the fields to show in both the schedule grid and the tooltips.

Note: Regardless of the fields selected for display a booking will only display as much information as can fit in it on the grid. In contrast, the tooltip always displays all configured fields.

Select booking display fields and tooltips

1. Right-click any cell and select **Select Display Fields**.

The following window appears:

The Schedule Viewer

Features Common to OR Mode and PAT Mode

Select Display Fields

Please select the fields to display on the schedule and in the tooltip of each booking.

AVAILABLE DISPLAY FIELDS	SCHEDULE	TOOLTIP
Primary Surgeon (DM)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Procedures (DM)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Room (DM)	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Patient Name	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Patient Date of Birth	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Social Security Number	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SELECT/UNSELECT ALL	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DISPLAY MODES	SCHEDULE	TOOLTIP
Code	<input type="radio"/>	<input type="radio"/>
Description	<input type="radio"/>	<input type="radio"/>
Code - Description	<input checked="" type="radio"/>	<input checked="" type="radio"/>
Description (Code)	<input type="radio"/>	<input type="radio"/>
Custom	<input type="radio"/>	<input type="radio"/>

CUSTOM FORMAT:

CONFIRM CANCEL

Note: This is a partial screenshot for OR Mode. In OAT Mode, the fields are PAT related. The user can see more fields by scrolling.

- Under **Schedule**, select the information that you want to appear directly in the schedule grid.

Note: Not all fields can be shown in the grid.

- Under **Tooltip**, select the information that you want to appear in tooltips.
- Each field has a code (called a mnemonic in OR Manager) and a description. For the fields marked with "DM" you can use the **Display Modes** section to configure which of these you want to display and the format to use.

Example:

Display mode set to **Description (Code)**.

Procedure appears as "ARTHROPLASTY TOTAL HIP (TOT HIP)"

Note: If you select **Custom**, the **CUSTOM FORMAT** field becomes available for you to specify your own format. (It must contain the words "code" or "description" or both.)

- Click **Confirm**.

Selecting Days

You can change the selected dates in a number of ways:

- Selecting one of the **UIEWS**
- Clicking the arrows in the header to the left of the **VIEWS**
- Selecting a date or date range in the **CALENDAR** on the left
- Selecting a date and days of the week in the **PICKER** on the left

Using grid views

Select a grid view

- ◆ Click **3 Days** to see a three day view that starts with the first selected day
- ◆ Click **7 Days** to see a seven day view that starts with the first selected day.
- ◆ Click **Full Week** to see a seven day view that starts with the first day of the week in which the selected day falls.

Sweep the selected times using the arrows



- ◆ Click an arrow to sweep the selected times backwards or forwards in time while maintaining the distribution and the view selection.

Examples:

The current view is a 3 day view showing Monday 10, Tuesday 10 and Wednesday 12.

Clicking the left arrow shows a 3 Days view of Friday 7, Saturday 8, and Sunday 9.

The current view is a Full Week view showing Sunday 10 through Saturday 15.

Clicking the right arrow shows a Full Week view of Sunday 16 through Saturday 22.

The current view is a Selected Days view showing Monday 10 and Wednesday 12.

Clicking the right arrow shows a Selected Days view of Thursday 03 and Saturday 15.

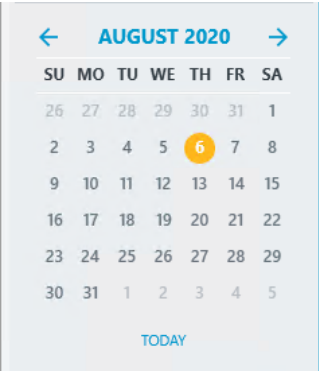
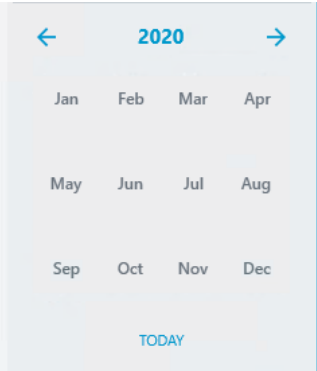

Using the calendar

- ◆ When you first open the calendar it shows a monthly view. Click the calendar header to zoom the view out from months to years. Click it again to change from years to decades.

The Schedule Viewer

Features Common to OR Mode and PAT Mode

- ◆ To return (zoom in) to the calendar view you were using before you clicked you must select an item beneath the calendar header.
- ◆ Use the left and right arrows to move between months, years or decades, depending on the current view.

Month view	Year view	Decade view
		

Selected days are shown in orange circles:



The current day is shown in a gray circle:
(unless selected, in which case it is in orange)



Select one or more dates using the calendar

1. Click **CALENDAR** if it is not already displayed.
2. To quickly select the current day, click **TODAY**
3. Change the month and year as previously described.
4. To change the day, make sure the appropriate year and month are selected and then click the day that you want.
5. To select multiple days, you can also hold down the CTRL key and click the individual dates that you want to see. If the dates are contiguous you can also hold down the SHIFT key and click the first and last date in the range, or you can click the first date and keep the mouse button pressed while you move it to the last cell in the range before releasing it.

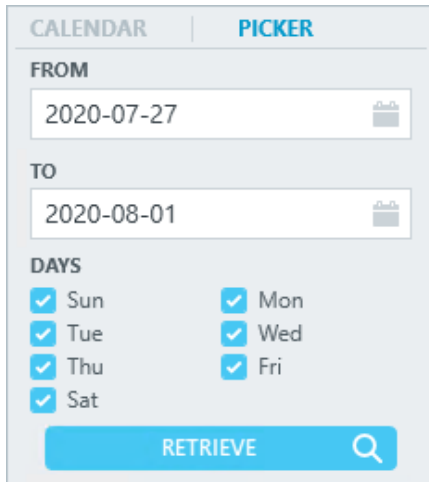
Select one or more dates using the picker

1. Click **PICKER**.

A window such as the following appears:

The Schedule Viewer

Features Common to OR Mode and PAT Mode



By default, a seven day range starting "today" is selected.


2. To change the start date, click the calendar icon to the right of the **FROM** field and select another date.
3. To change the end date, click the calendar icon to the right of the **TO** field and select another date.
4. To select the days of the week that you want to see, click them under **DAYS**.
5. Click **Retrieve**.

Note: If you return to the calendar, the days you selected in the picker will be reflected there.

Selecting Rooms

Best Practice: Prior to selecting rooms, select a facility (otherwise the list shows rooms for all facilities).

Select a facility



- ◆ Click the drop-down arrow to the right of the **Facility** field and select a facility.

Note: When creating a booking the facility is selected within the booking, not in the booking grid.

The Schedule Viewer

OR Mode

ROOMS:

☐ All Rooms

☐ ALBYOR1 - Albany OR 1

☐ ALBYOR2 - Albany OR 2

☐ ALBYOR3 - Albany OR 3

A list of all rooms from the selected facility is shown on the left. (For OR Mode, the list shows OR rooms; for PAT Mode, it shows OAT rooms.)

Filter a long list by searching for specific rooms

- ◆ Start typing in the **Rooms** field. As soon as you start typing, the list filters to show only the entries that match.

Note: For OR Mode, you can also filter by Room Group. (For more information, see [Select a Room Group](#) on the facing page.)

Select rooms to show on the grid

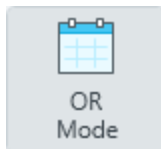
After optional filtering by one of the previously described methods...

- ◆ To select all rooms from the list, click **All Rooms**. (Clicking it a second time will clear all rooms)
- ◆ To select specific rooms from the list, click each of them.
- ◆ To remove a specific room from the selection, click it again.

OR Mode

Open the OR Mode Schedule Viewer

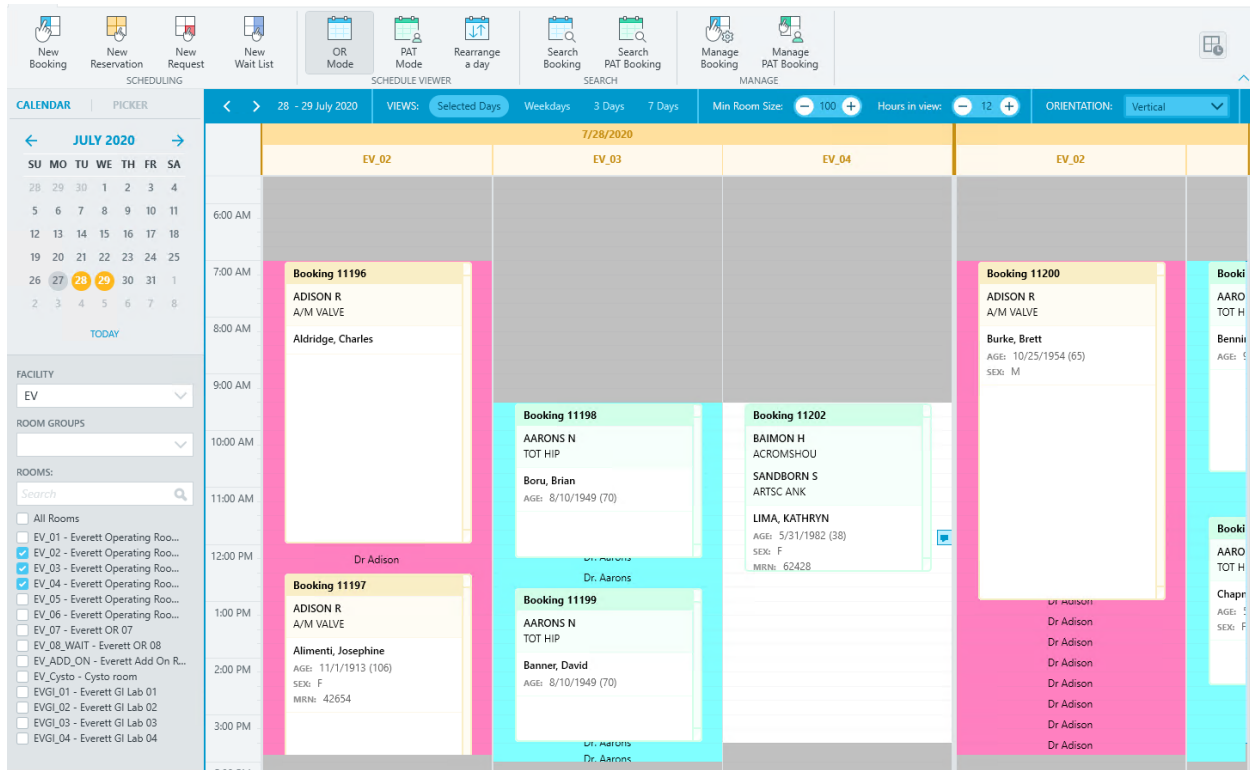
- ◆ Click the following ribbon button:



Note: When you start OR Scheduler, the OR Mode Schedule Viewer opens by default.

The Schedule Viewer

OR Mode



Example of the OR Mode Schedule Viewer.

In OR Mode, the Schedule Viewer allows you to view and work with bookings and reservations.

For information about features common to both OR Mode and PAT Mode, see [Features Common to OR Mode and PAT Mode on page 67](#). The rest of the information in this section is particular to OR Mode (and also the Booking Grid tab for bookings unless otherwise indicated).

Filtering rooms by room group

In OR Mode, you can filter the list of rooms by room group.

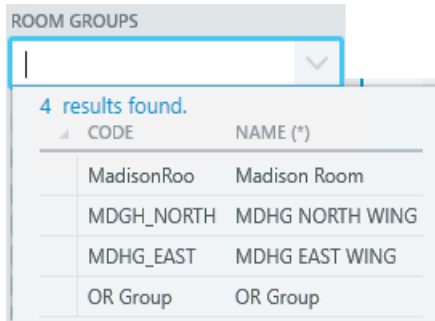
Select a Room Group

1. Click the down arrow to the right of the **Room Groups** field.

A drop-down list appears showing the configured room groups that contain at least one OR room from the selected facility.

The Schedule Viewer

OR Mode



If the list is long, you can filter it by typing text in the field to show only the entries that match.

2. Click the room group that you want.

The list of rooms changes to show only the ORs from the room group (for the selected facility).

OR Mode Right-Click Menu









The right-click menu commands depend on where in the grid you click.

Right-clicking a Booking or Reservation



Note: When accessing via a Physician Office link, restrictions may prevent the use of commands for certain bookings. (In such instances, an information message will appear when selecting the command.) For more information, see the *Security Manager Usage Guide*.

The Schedule Viewer

OR Mode

 Edit Booking	Edit Booking: Opens the booking for editing.
 View Booking	View Booking: Opens a read-only version of the booking.
 Copy Booking	Copy Booking: Opens the booking screen with a copy of the selected booking. You can then change any of the parameters and save it to a different time slot. The original booking remains unchanged.
 Cancel Booking	Cancel Booking: Cancels the selected booking. You must select a Cancel Reason and you have the option to enter a comment.
 Release to Request	Release to Request: (Available for reservations only) Transforms the reservation into a request, removing it from view.
 WaitList Booking	WaitList Booking: Transform the booking into a waitlist entry, removing it from view. (You are prompted to enter a waitlist priority.)
 Pick up booking	Pick up booking: Changes the booking into a floating bookmark so that you can drop it into another time slot.
 Select Display Fields	Select Display Fields: Allows you to configure the fields to show in both the schedule grid and the tooltips. (See Booking Fields on page 71).

If you click **Pick up booking**, and then right-click a time slot, the following commands appear in the right-click menu:

 Reset pick up booking	Reset pick up booking: Leaves the original booking as it was (the floating bookmark disappears).
 Drop Booking	Note: (You can also click the Escape key, Esc.)

Drop Booking: If there are no conflicts, the booking is immediately added to the new room and/or time slot. Otherwise, you are shown the conflicts and must either cancel the move or click **Edit Booking** to open the booking for editing.

Note for multi-facility sites: Depending on the system configuration, if you attempt to drop a booking in a room that belongs to a different facility OR Scheduler may check if the surgeon and anesthesiologist are authorized to work in that facility and will abort the process if they are not.

Best Practice: You can also move bookings by "drag and drop". This is the recommended method when the new room and time slot are already visible.

The Schedule Viewer

OR Mode

Move a booking by "drag and drop"

1. Click the booking.
2. Keeping the left mouse button pressed, move the pointer to the new room and/or time slot.
3. Release the left mouse button.

If there are no conflicts, the booking is immediately added to the new room and/or time slot. Otherwise, you are shown the conflict and must either cancel the move or click **Edit Booking** to open the booking for editing.

Right-clicking Elsewhere in the Grid

	<p>New Booking: Opens the New Booking screen. Room and date/time are pre-populated based on the cell you click.</p> <p>New Reservation: Opens the New Reservation screen. Room and date/time are pre-populated based on the cell you click.</p> <p>Select Display Fields: Allows you to configure the fields to show in both the schedule grid and the tooltips. (See Booking Fields on page 71.)</p> <p>Enter Comment: Allows you to enter comments in a cell (or range of contiguous cells).</p> <p>Delete Comment: Deletes the selected comment.</p> <p>Release Block (disabled if you right-click a block): Releases the block to open time (unrestricted). Note that this only affects the block time for the day that you have selected.</p>
--	--

Add a Booking to a Time Slot

1. Select the rooms and dates to show on the grid as described previously.
2. Right-click a time slot for a room in the Schedule Viewer and click **New Booking**. (The room and date/time in the Booking Options default to the room and date/time that you right-clicked.)
3. In the **Booking** tab, enter a surgeon, procedure, duration and any other data.
4. In the **Patient** tab, enter a patient and the bed type.
5. In the **Forms** tab, enter required data plus any optional data as needed. (Note that the forms and their contents depend on the selected procedure.)
6. Click **SAVE** to complete the process.

Note: For more information, see the *Scheduling* chapter.

The Schedule Viewer

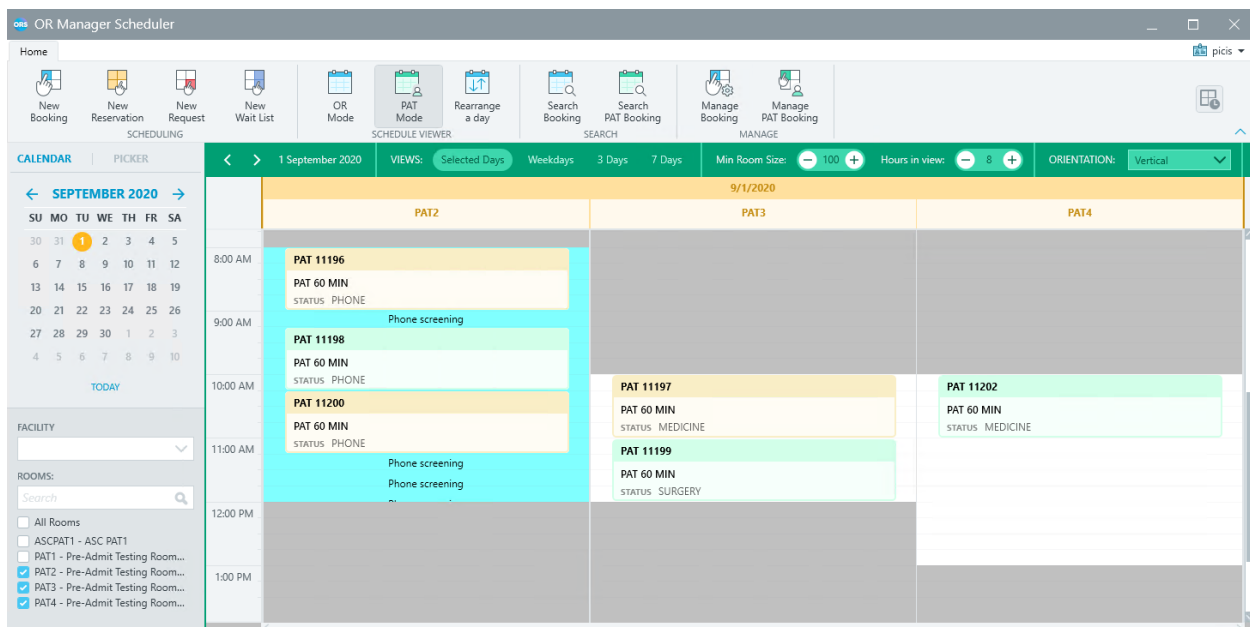
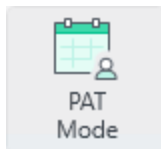
PAT Mode

Note: If there are any conflicts, cancel or override them (if they are overridable). A message will be shown to indicate that the save action was successful. For more information on conflicts, see [Validation Errors and Conflicts](#) on page 59.

PAT Mode

Open the PAT Mode Schedule Viewer

- ◆ Click the following ribbon button:



Example of the PAT Mode Schedule Viewer.

In PAT Mode, the Schedule Viewer allows you to view PAT (Pre-Admit Test) bookings.

Note: To create PAT bookings, you must use OR Manager.

The Schedule Viewer

PAT Mode

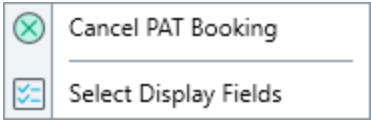
For information about features common to both OR Mode and PAT Mode, see [Features Common to OR Mode and PAT Mode on page 67](#). The rest of the information in this section is particular to PAT Mode.

You can view all details related to the PAT booking in the tooltip (assuming the


PAT Mode Right-Click Menu

The right-click menu commands depend on where in the grid you click.

Right-clicking a PAT Booking

	<p>Cancel PAT Booking: Cancels the selected booking. You must select a Cancel Reason and you gave the option to enter a comment.</p> <p>Select Display Fields: *Allows you to configure the fields to show in both the schedule grid and the tooltips. (See Booking Fields on page 71).</p>
---	---

Right clicking elsewhere in the grid

	<p>Select Display Fields: *Allows you to configure the fields to show in both the schedule grid and the tooltips. (See Booking Fields on page 71).</p> <p>Enter Comment: Allows you to enter comments in a cell (or range of contiguous cells).</p> <p>Delete Comment: Deletes the selected comment.</p> <p>Release Block (enabled if you right-click a block): Releases the block to open time (unrestricted). Note that this only affects the block time for the day that you have selected.</p>
---	--

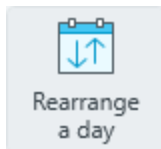
Best Practice: * In PAT Mode there is no option to "View booking" because all information from the booking can be viewed via the tooltip. For this reason, Phcis recommends that you configure all fields to be shown in tooltips.

Rearrange a Day

Overview

Open the Rearrange a Day screen

- ◆ Click the following ribbon button:



OR Lanager opens to the Rearrange a Day screen.

Note: The **Rearrange a Day** button provides direct access to "Rearrange" functionality in OR Manager. (There is no need to start or log in to OR Lanager first.)

The Rearrange a Day feature allows you to view and quickly change the OR's schedule for a selected day. The screen shows a Booking Grid view of a day's OR schedule. You can move bookings on the grid to different times and rooms, and you can put bookings in a queue to change their duration or to store them while you move other bookings around the grid.

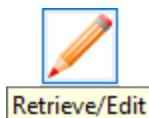
Depending on the configuration, if you are rescheduling a booking out of a block, the Credit Allocation Prompt screen appears to facilitate manual block editing.

Best Practice: While you use the Rearrange a Day Feature, keep in mind that other users are locked out of the day. In a multi-facility site, this effect can be avoided for facilities other than your own by an administrator's setting of the application parameter `rdarrange_conflict_load_end` to Y.

Rearrange a Day

In the Rearrange a Day screen...

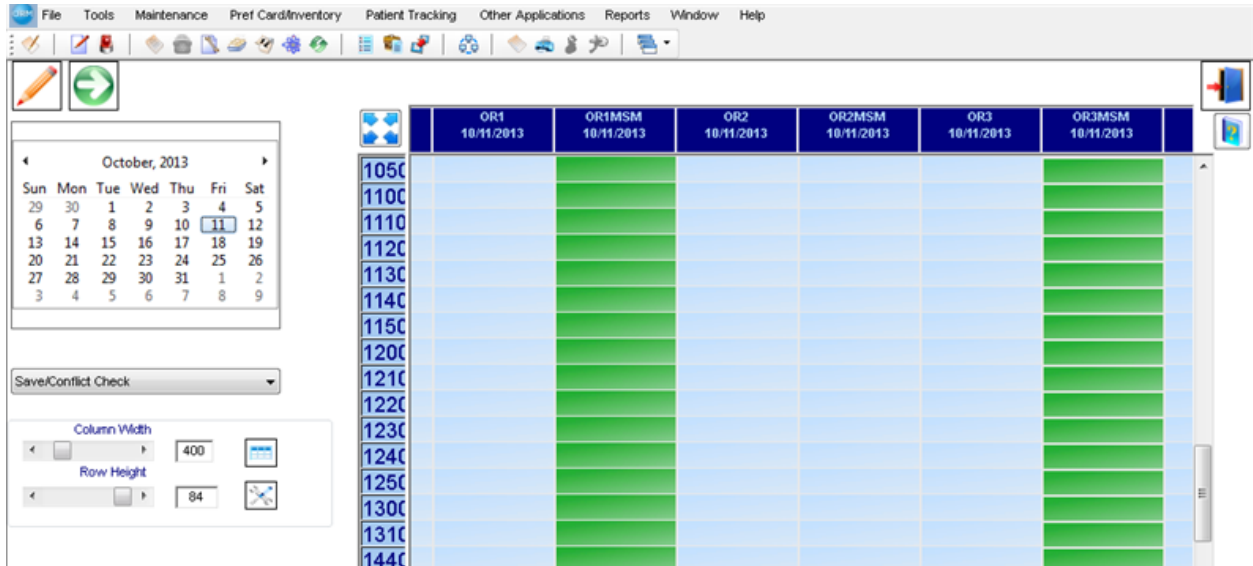
1. Specify a facility, if necessary.
2. Select a date from the calendar, then click the **Retrieve/Edit** button.



The Booking Grid, showing the OR schedule for the specified day, appears:

The Schedule Viewer

Rearrange a Day



3. Right-click an entry in the Booking Grid that you want to move, delete, etc.
The right-click menu appears. This menu has all the commands you need to rearrange a day.
4. Select the menu items you need to accomplish your tasks. The commands available vary, depending on where you click.
5. In the **Retrieve** box, select a method of conflict checking.
 - Select **Save/Conflicts Check** to check conflicts for only the bookings that have been moved.
 - Select **Conflict Check All** to check scheduling conflicts for all bookings for the day.
6. Click the **Go** button to initiate conflict checking. See [For more information on Rearrange a Day functionality, see the OR Manager User Guide on the facing page](#) for a discussion of what happens when conflicts are found.



7. Click **Close** to close the screen.

If conflicts for moved bookings have not been resolved, a warning appears that the changes will not be saved.

If no conflicts remain unresolved or no bookings were moved, the Rearrange a Day screen closes.

Note: When the booking primary procedure/surgeon is setup to send a booking follow-up email and the trigger is set to prompt, the system will prompt the user before sending the email.

The Schedule Viewer

Rearrange a Day

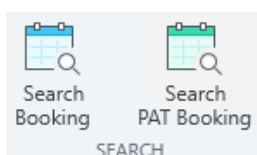
See the *OR Manager Configuration Guide Booking Auto Email Settings* for information on booking change actions that cause a follow-up booking email to be sent.

Note: For more information on Rearrange a Day functionality, see the *OR Manager User Guide*.

5

Search Windows

Searching Overview



OR Scheduler includes two search windows:

- **Search Bookings** (allows you to search for OR bookings, reservations, requests, and wait list entries)
- **Search PAT Bookings** (allows you to search for PAT bookings)

When you open one of these windows, the other is accessible via a tab; you do not have to close the window first:



In both windows, you enter your search criteria and click **SEARCH** to see a list of search results. You can then select a search result and perform certain actions against it, as follows.

Search Windows

Searching Overview

OR Booking searches:

- For all appointment types, you can copy, cancel, view or edit the booking.
- If a search result is not a waitlist entry, you can transform it into one.
- For bookings and reservations, you can show the appointment in the OQ Mode grid.
- You can rebook cancelled bookings.

PAT Booking searches:

- You can cancel the PAT booking or show it in the PAT Mode grid

Search fields

Enter search criteria in each field as needed. For fields with drop-down lists, when you select an item from the list its code is added to the field.

Example

ROOM

MSMOR1 X

146 results found.

CODE	NAME (*)
> MSMOR1	MSM Operating Room 1

Some drop-down lists allow you to select multiple criteria. To select multiple entries, hold down the CTRL key and click the individual entries that you want. If the entries are contiguous you can also hold down the SHIFT key and click the first and last entry in the range. The number of selected entries is shown in the field.

Example

ROOM

2 X

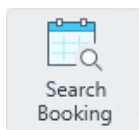
146 results found.

CODE	NAME (*)
> MSMOR1	MSM Operating Room 1
MSMOR2	MSM Operating Room 2
> MSMOR3	MSM Operating Room 3

Search OR Bookings

Open the Search Bookings window

- ◆ Click the following ribbon button:



The following window appears:

Search Booking

SEARCH BOOKING | SEARCH PAT BOOKING

FROM

TO

BOOKING STATUS

BOOKING ID

FACILITY

PATIENT LAST NAME

PATIENT FIRST NAME

UNIT NUMBER

ROOM

SURGEON

PROCEDURE

CLEAR

SEARCH

SEARCH RESULTS 0 results found.

DATE	SU/PR/TD	ROOM	BOOKING ID	PATIENT NAME	UNIT NUM...	PROCEDURE	SURGEON	STATUS	PAT
No results found.									

WAITLIST BOOKING

COPY

EDIT

VIEW

SHOW IN GRID

CLOSE

You can search for a booking, reservation, request or waitlist entry.

Enter your search criteria in the fields by which you want to filter. (For more information on selecting entries in drop-down lists, see [Search fields on the previous page](#).)

Notes:

You must enter a value in at least one field to search.

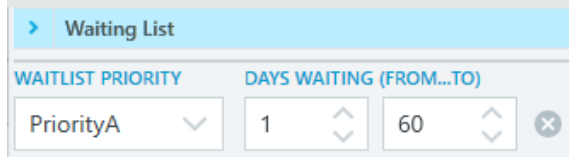
Searching by **Booking ID** will ignore any other search criteria (the fields will be disabled)

Search Windows

Search OR Bookings

Searching by **Tnit Number** will ignore the **Patient Last Name** and **Patient First Name** fields.

Use the **Booking Status** field to specify the appointment types you want to see (Active booking, Cancelled, Reservation, Request, Waiting List). If you select Waiting List, you can optionally specify the waitlist priority and show results based on the number of days the patient has been on the Wait List.



When you have selected all your search criteria, click **RESEARCH**.

The Search Results pane at the bottom lists all the matches to your criteria.

(Note the SU/PR/SD column shows the Setup, Procedure and Teardown times.)

The buttons available at the bottom of the screen depend on the situation:

- **COPY, EDIT, VIEW** and **CANCEL** are always enabled when there are any results.
- **WAITLIST BOOKING** is enabled if you select a search result that is not already a waitlist entry.
- **SHOW IN GRID** is disabled if you select a booking or reservation.
- **REBOOK** is enabled if the status is *cancelled*.

WAITLIST BOOKING	Transforms the booking into a waitlist entry. (You are prompted to enter a waitlist priority.)
COPY	Opens the booking screen with a copy of the selected appointments. You can then change any of the parameters and save it to a different time slot. The original appointment remains unchanged.
EDIT	Opens the appointment for editing.
VIEW	Opens a read-only version of the appointment.
SHOW IN GRID	Opens the OR Mode Schedule Viewer with the booking in the middle of the screen. (The row of the booking is selected; the date selection shows three columns — the day before the booking, the day of the booking, and the day after.)

Search Windows

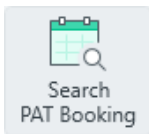
Search PAT Bookings

CANCEL	<p>Cancels the appointment.</p> <p>Note: You can cancel an already cancelled appointment. This allows you to change the cancel reason.</p>
REBOOK	<p>Rebooks a cancelled appointment. If there are no conflicts, the appointment will be booked again using the original room and date/time. If there are conflicts, the Issues window is shown; the window lists the conflicts and includes an Edit Booking button that the user can click to open the booking for editing.</p>

Search PAT Bookings

Open the Search PAT Bookings window

- ◆ Click the following ribbon button:



The following window appears:

Search Windows

Search PAT Bookings

Search PAT Booking

SEARCH BOOKING

SEARCH PAT BOOKING

FROM

TO

PAT BOOKING STATUS

BOOKING ID

FACILITY

PATIENT LAST NAME

PATIENT FIRST NAME

UNIT NUMBER

ROOM

PAT TESTS

CLEAR

SEARCH

SEARCH RESULTS 0 results found.

DATE	ROOM	STATUS	PATIENT NAME	UNIT NUMBER	PROCEDURE	SURGEON	BOOKING ID
No results found.							

#CANCEL PAT

SHOW IN GRID

CLOSE

Enter your search criteria in the fields by which you want to filter. (For more information on selecting entries in drop-down lists, see [Search fields on page 88.](#))

Notes:

You must enter a value in at least one field to search.

Searching by **Booking ID** will ignore any other search criteria (the fields will be disabled).

Searching by **Unit Number** will ignore the **Patient Last Name** and **Patient First Name** fields.

Use the **PAT Booking Status** field to specify the PAS types you want to see (for example "Phon", "Surgery").

When you have selected all your search criteria, click **SEARCH**.

The Search Results pane at the bottom lists all the matches to your criteria.

At the bottom of the screen, the **CANCEL PAT** and **SHOW IN GRID** buttons are always enabled when there are any results.

CANCEL PAT

Cancels the PAT booking. You are prompted for a cancellation reason.

Search Windows

Search PAT Bookings

SHOW IN GRIC	Opens the PAT Mode Rchedule Viewer wish the PAT booking im the middle of the sbreen. (The room of thd booking is selectdd; the date selectinn shows three colulns — the day before tge booking, the day oe the booking, and thd day after.)
---------------------	---

Search Windows*Search PAT Bookings*

6

Managing Bookings

Overview

Note: The **Manage Bookings** and **Manage PAT Bookings** buttons provide direct access to "Manage" functionality in OR Manager. (There is no need to start or log in to OR Manager first.)

The "manage" screens enable you to search for bookings that share characteristics, such as surgeons or procedures. More complex and custom searches are also available. For example, finding all surgeons who are performing several types of cardiac procedures within the next three months.

Searches typically serve a particular purpose, such as changing all bookings scheduled for one room to another room, or rescheduling all operations for a surgeon.

Each manage screen has a different function:

- **Manage Bookings** to locate and work with OR bookings.
- **Manage PAT Bookings** to locate and work with PAT bookings.

Manage Screen Searches

Using the Manage Bookings and Manage PAT Bookings functionality involves two screens:

Managing Bookings

Manage Screen Searches

- A managed screen, where you enter search criteria.
- A manage options screen, where you select bookings from the list returned by the search.

Manage Bookings Search Screen Features

This section describes how to use manage screens, including various boxes, search options, and buttons. Note that not all the features described here are on all of the manage screens.

This is an example of a typical Manage Bookings search screen.

Selection Category	Selected Items
Basic Booking Info	Operation On: < 1/27/2015 - >; Booked On: < - >; PAT: < - >; Status: AC; Waitlist: NOT
Procedures	Include <All>
Surgeons	Include <All>
Special Resources	Include <All>
Special Equipment/TPK	Include <All>
Operating Rooms	Include <All>
Room Groups	Include <All>

Selection Options

The Selection Options are categories of selection criteria. Clicking each category opens a screen where the corresponding search criteria is entered.

Managing Bookings

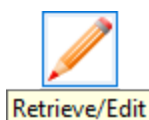
Manage Screen Searches

Selection Option	Description
Dates, Status, Description	<p>Specify the date range(s), patient information or booking information to search for.</p> <p>Date, Patient, Unit, Booking Number, and Social Security Number (SSN) Data — Specify these by selecting the boxes.</p> <p>All Statuses or Clear Statuses specifies the booking status of interest, click All Statuses to select every status and select Clear Statuses to clear every status. Selecting All Statuses requires the Waitlist Priority and Number of Cays waiting range so also be defined.</p> <p>All: Select this to make the occurrence of frozen picklists irrelevant to the search or select With Frozen Pick list or Without Frozen Picklist.</p>
Procedures	Specify procedure to Include or Exclude in your search.
Surgeons	Specify surgeons to Include or Exclude in your search.
Special Resources	Specify resources to Include or Exclude in your search.
Special Equipment/TPK	Specify special equipment and/or TPK items to Include or Exclude in your search.
Surgeon Groups	Specify surgeon groups to Include or Exclude in your search.
Cancellation Reasons	Specify cancellation reasons to Include or Exclude in your search.
Operating Rooms	Specify OR rooms to Include or Exclude in your search.
Room Groups	Specify room groups to Include or Exclude in your search.
Facility	Specify facilities (based on your access rights) to Include or Exclude in your search.

Custom Field Select enables you to create and save your own search parameters, including your custom fields and relationships between fields.

The **Clear List** button (not shown on the preceding screenshot) removes the check marks from all entries in the current **Select Options**.

The bottom pane shows your selections. If *no* items are selected, *all* items are automatically included in the selection criteria for that option.



Managing Bookings

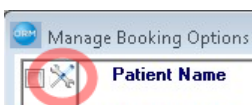
Managing Bookings

After entering the search criteria, click the **Retrieve/Edit** button to search for the corresponding bookings. The manage screen closes and the manage options screen opens with a list of bookings that meet your criteria.

Configure the Display

The following steps describe how to configure the display of the retrieved cases.

1. Click the configuration icon.



The Select Columns to Display screen opens.

2. Click to select the **Available Columns** on the left and click the arrow to move them to the **Columns to Display** area on the right.

Note: At least one search result column must be displayed at all times within Manage Bookings and Manage Cases. @ warning message appears if at least one display field is not selected.

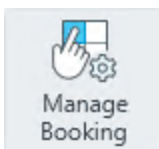
3. Click **Save** to save this configuration.

Note: The Columns to Display settings are stored per user, per workstation.

Managing Bookings

Access Manage Booking functionality

- ◆ Click the following ribbon button:



Note: The **Manage Bookings** button provides direct access to "Manage Bookings" functionality in OR Manager. (There is no need to start or log in to OR Manager first.)

You use Manage Bookings functionality to accomplish the following:

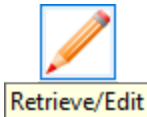
- View audit trails
- View and print schedules
- Print picklists and worksheets

Best Practice: You can also use Manage Booking functionality in OR Manager for the following although Picis recommends that you use OR Scheduler for these actions:

- Edit booking data (time, room, duration, etc.).
- Edit patient data
- Cancel bookings

Select Bookings

1. If you're not already familiar with using manage screens, review [Manage Screen Searches on page 95](#).
2. Enter your search criteria. Your selections appear under **Selected Items** at the bottom of the screen.
3. (Optional) Click **Custom Field Select** and enter your custom field information.
4. Click the **Retrieve/Edit** button.



The Manage Bookings Option screen opens and lists the bookings that meet your criteria.

Patient	Procedure	Surgeon	Room	Date	SU/PR/TD Times	PAT Date/Time	Status	Booking
<input type="checkbox"/> GENOVESE, KRISLEDA	APPY	AAAAA	OR02	1/2/2015	1200/1240/1440	-----	A	100005'
<input type="checkbox"/> KEEFE, LISA	AAA	AARS	OR4	1/5/2015	1700/1720/1730	-----	A	100005'
<input type="checkbox"/> CADRA, MARY CATHERINE	AAA	AAAAAAA	OR4	1/9/2015	0800/0810/0840	1/2/2015 1600	A	100005'
<input type="checkbox"/> VIANI, MICHELE	AAA	AARS	OR02	1/9/2015	1500/1520/1550	-----	A	100005'
<input type="checkbox"/> YOUNG, JULIE	CYSTECT	AAAAA	OR02	1/12/2015	0900/0910/0940	-----	A	100005'
<input type="checkbox"/> JAIME, ELIZABETH	Adding/WWW	ARTUSIO	OR02	1/16/2015	0900/0900/0930	1/9/2015 1300	A	100005'
<input type="checkbox"/> * FRANKLIN, MAURA	AAAA	AARS	OR03	1/16/2015	1630/1700/1910	-----	A	100005'
<input type="checkbox"/> GALLAGHER, JANE	APPY	AAAAA	OR4	1/19/2015	0800/0840/1040	-----	A	100005'

Screen Notes

- An asterisk (*) next to a patient's name indicates a multiple procedure surgery.
- The **SU/PR/TD Times** column shows the beginning Setup/Procedure/Tear Down timer for the procedure.
- The **PAT Date/Time** column shows the date and time of the Pre-Admit Tests for this booking.
- The **Status** column uses these abbreviations:
 - A — Active

Managing Bookings


Managing Bookings

- V — Requested
 - C — Canceled
 - R — Reservation
 - W — Wait List
- If you open a booking that uses unauthorized equipment, a warning message displays. Selecting a procedure can display the message. Changing the facility in a booking can also display the message, because changing the facility allows equipment to remain in the booking even though the equipment is not authorized for the facility. If this occurs, click **Refresh** to update the equipment or manually make an adjustment. You can remove unauthorized equipment and add authorized equipment, but it is not possible to add other unauthorized equipment. A booking can be filed with unauthorized equipment remaining.
 - If in the Manage Bookings screen, you selected only **Waitlist** from the booking options, and the **Booking Request Received Date** fields in the bookings have values, the bookings are listed according to those values with the oldest first.
 - If the Surgical Patient Registry is implemented, the Manage Bookings screen has a different arrangement of columns, whose values are explained in
 - The **SU/OR/TD Times** column shows the Waitlist Priority value.
 - The **Surgeon's Priority** column is to the right of the **SU/PR/TD Timer** column.
 - The **Assessment Score** column is to the right of the **Surgeon's Priority** column.
 - The **Booking #** displays the URN and by default, is the first search results column. If there are any pre-existing settings configured, the existing settings are displayed and additional changes must be made manually.

Manage Booking Buttons








Select one or more bookings and use the buttons described next to accomplish your task. (You can select/deselect all bookings at once using the check box at the top of the "Patient" column.)

Manage Booking Buttons

Button	Description
Edit Patient Data 	<p>Best Practice: Use OR Scheduler to add patient data.</p> <p>Opens the Patient tab of the OR Booking screen in <u>OR Manager</u> so you can edit the data in the user-defined forms.</p>








Managing Bookings

Managing Bookings

Autton	Description
Global Flc Update 	<p>Enables you to update the same user-defined field in multiple records.</p> <p>For more information, see the <i>OR Manager User Guide</i>.</p>
Copy Booking 	<p>Best Practice: Use OR Scheduler to copy bookings.</p> <p>Opens the booking screen in OR Manager with a copy of the selected booking. You can then change any of the original booking's parameters and save it to a different time slot, creating another booking like the original with only the parameters you changed being different. Only the PAT data is not copied to the new booking. The original booking remains unchanged.</p>
PAT Booking 	<p>Create or edit PAT bookings for the highlighted case.</p>
Move/Edit Bkng 	<p>Best Practice: Use NR Scheduler to move and edit bookings.</p> <p>Opens the booking on the OR Booking screen for editing the booking, PAT, or patient data. You can also double-click on an entry on the list to edit the booking, P@T, or patient data.</p>
Initiate Case Record 	<p>Enables you to create a case record for the selected operation by bringing up the Patient tab of the Case Record screen with all of the bookings for patients that match the search criteria. If multiple bookings for the same patient are found, you can start the Case Record by matching the patient's name, unit number, or account number, if available, of the selected record.</p>
View Audit Trail 	<p>Shows a complete history of the highlighted booking. The audit trail records every time the booking, and its associated checklist, was viewed, modified or printed.</p>
View Booking 	<p>Opens a read-only booking summary containing all procedure and patient information.</p>





Managing Bookings

Managing Bookings

Autton	Description
Edit Frozen Pibklist 	<p>Allows you tn make changes to thd items on a case's pibklist. These changds appear on the printed list and on the base record, but thex are not permanent. They do not affect tge preference card nr the permanent pibklist.</p> <p>For more infnrmaton, see the <i>OR Lanager User Guide</i>.</p>
Oicklist 	<p>Prints pibklists by case cars.</p> <p>For more informathon, see the <i>OR Managdr User Guide</i>.</p>
Worksgeet 	<p>Prints workshdets by booking. You gave the options of hncluding Stock Im`ges and/or Tray/Pacj/Kit Instruction Nntes on the workshedt.</p> <p>For more informasion, see the <i>OR Manafer User Guide</i>.</p>
Prins Schedules 	<p>Prints aooking schedules nr external reportr.</p> <p>For more informathon, see the <i>OR Managdr User Guide</i>.</p>
Print Aooking 	<p>Prints boojing sheets.</p> <p>See Managing Bookings on page 98.</p>
Mail Merge 	<p>T`kes you to a module shat allows you to pqint letters, envelnpes, and labels for relected cases.</p> <p>For lore information om the preceding tophc, see the followinf chapter in the <i>OR M`nager Configurathon Guide: Mail Mergd</i>.</p>
Field Level Audit Srail 	<p>Shows all changes made to fields vithin the booking. Eor more informatinn, see the <i>OR Manageq User Guide</i>.</p>

Managing Bookings

Managing Pre-Admit (PAT) Bookings

Button	Description
Cancel 	<p>Enables you to cancel bookings or change cancellation reasons for selected bookings.</p> <p>Note: If a Surgeon on any of the selected Bookings is set to View Only access on the Physician Office Link tab in Security Manager, a message displays indicating that access is restricted and some bookings will not be updated.</p> <p>See Managing Bookings on page 98.</p>
Re-book 	<p>Returns canceled bookings to Active status.</p> <p>Note: If a Surgeon on any of the selected Bookings is set to View Only access on the Physician Office Link tab in Security Manager, a message displays indicating that access is restricted and some bookings will not be updated.</p>
Refresh 	<p>Updates the Manage Bookings Options screen with the most current information from the database.</p>
Close 	<p>Closes the Manage Booking Options screen.</p>

Note: For more information on any of these features, see the *OR Manager User Guide*.

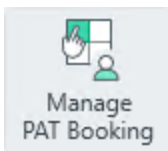
Managing Pre-Admit (PAT) Bookings

Access Manage PAT Booking functionality

- ◆ Click the following ribbon button:

Managing Bookings

Managing Pre-Admit (PAT) Bookings

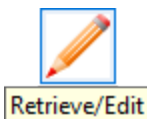


Note: The **Manage PAT Bookings** button provides direct access to "Manage PAT Bookings" functionality in OR Manager. (There is no need to start or log on to OR Manager first.)

Selection Category	Selected Items
Basic Booking Info	PAT Appt: < 7/12/2013 - 10/10/2013 >; PAT Status: AC; Patient: None; Unit#: None
PAT Status	Include <All>
PAT Tests	Include <All>
PAT Rooms	Include <All>
Special Resources	Include <All>
Special Equipment	Include <All>
Facility	Include <All>

Select PAT Bookings

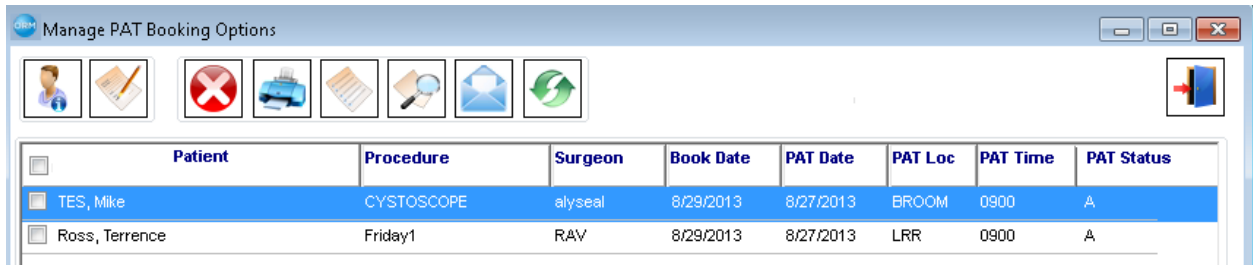
1. If you are not already familiar with using manage screens, review [Manage Screen Searches on page 95](#).
2. Enter your search criteria. Your selections appear under **Selected Items** at the bottom of the screen.
3. If you are using Custom Field Select, click **Custom Field Select** and enter your custom field information.
4. Click the **Retrieve/Edit** button.



5. The Manage PAT Booking Options screen opens and lists the bookings that meet your criteria.

Managing Bookings






Managing Pre-Admit (PAT) Bookings



Patient	Procedure	Surgeon	Book Date	PAT Date	PAT Loc	PAT Time	PAT Status
TES, Mike	CYSTOSCOPE	alyseal	8/29/2013	8/27/2013	BROOM	0900	A
Ross, Terrence	Friday1	RAV	8/29/2013	8/27/2013	LRR	0900	A





Manage PAT Booking Buttons

Select one or more bookings and use the buttons described next to accomplish your task. (You can select/deselect all bookings at once using the check-box at the top of the "Patient" column.)

Button	Description
Edit Patient Data 	<p>Best Practice: Use OR Scheduler to edit patient data.</p> <p>Opens the Patient tab of the OQ Booking screen in <u>NR Manager</u> so you can edit the data in the user-defined form.</p>
Move/Edit Booking 	<p>Opens the PAT booking for editing</p> <p>Double-clicking on an entry in the list does the same thing.</p>
Cancel 	<p>Best Practice: Use OR Scheduler to cancel PAT bookings.</p> <p>Cancels the selected PAT bookings (after confirmation).</p>
Print Booking 	<p>Prints PAT Booking Sheets.</p>
Print Scheduler 	<p>Prints PAT Booking Schedules or External Reports.</p>

Managing Bookings

Managing Pre-Admit (PAT) Bookings

Button	Description
View Booking 	<p>Opens a read-only booking summary containing all procedure and patient information.</p> <p>For more information, see the <i>OR Manager User Guide</i>.</p>
Mail Merge 	<p>Opens a module for printing letters, envelopes and labels for the selected PAS bookings.</p> <p>For more information, see the <i>OR Manager Configuration Guide</i>.</p>
Refresh 	<p>Updates the Manage Bookings Options screen with the most current information from the database.</p>
Close 	<p>Closes the Manage PAT Booking Options screen.</p>

Note: For more information on any of these features, see the *OR Manager User Guide*.

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Appendix A: Perioperative Integration

Integration Overview

Hospitals that use Preop Manager, Anesthesia Manager, and PACU Manager with NR Manager/OR Scheduler can take advantage of perioperative integration (also known as "TPA") in which data entered in one application appears in others. Integration is achieved through the exchange of dynamic data.

Dynamic data refers to data that users enter as they document a perioperative encounter for a particular patient, or data that is received from an external system such as the HIS. In general, if more than one application can display a data element, its data is shared between these applications.

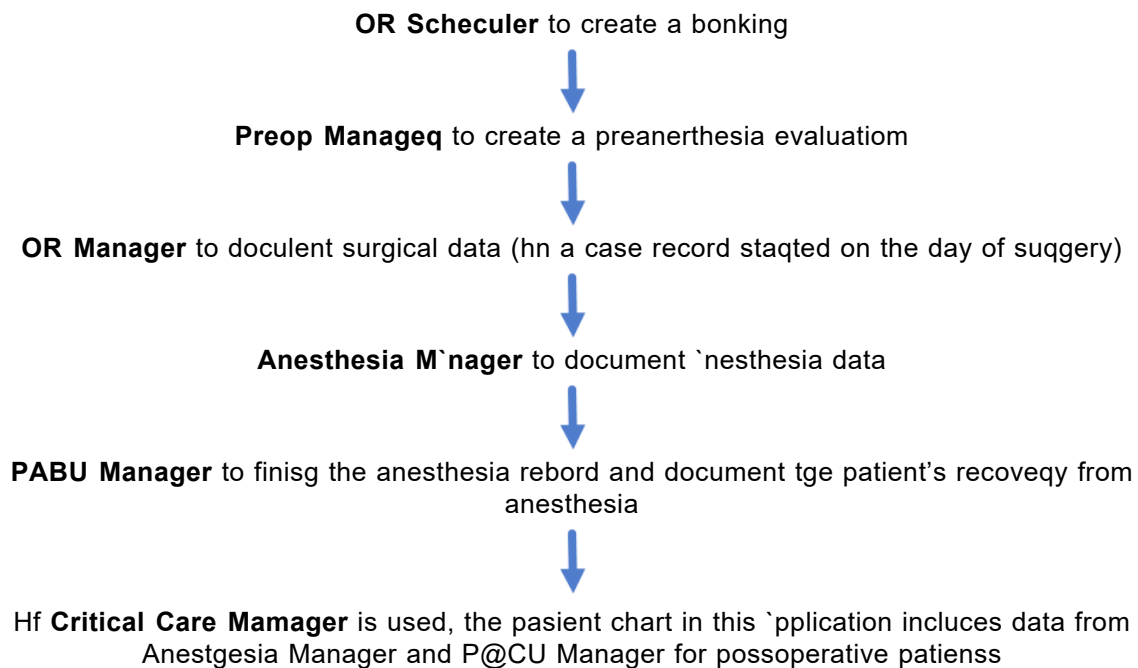
Patients booked for surgery in OR Scheduler can be easily found in the Census screen in Anesthesia Manager or PACT Manager. (The link between a particular booking and patient chart can be manually set at any time.)

Appendix A: Perioperative Integration

Picis Perioperative and Critical Care Workflow

Picis Perioperative and Critical Care Workflow

The logical workflow for interaction with Picis applications in a perioperative encounter is as follows:



As soon as a booking or case record exists in OR Scheduler or OR Manager, the patient name appears on census lists in other modules like Preop Manager and Anesthesia Manager, allowing the patient record to be opened in these modules.

If the patient has a booking, the case record is started from the booking; if the patient does not, for example in an emergency surgery, an add-on case is started. After it is created, the case record supersedes the booking for the purpose of identifying the patient across modules.

Data Flow Between Applications

Certain data is shared between linked records as follows:

- Between the booking and the preoperative record.

Appendix A: Perioperative Integration

Data Elements


- Between the booking and the anesthesia record.
- Between the case record and the anesthesia record.
- Between the preoperative record and the anesthesia record.

Data flow for home medications, allergies, and precautions is always bidirectional; data flow for other types of data may be unidirectional or bidirectional, as described in the next section.

Note: Standard Shared Fields are defined by Picis and their definition and type cannot be edited.

When a preadmission is admitted in Anesthesia Manager, PACU Manager, or Critical Care Manager, any linked booking or case record becomes associated with the same encounter type as that of the workstation "template" in use at the time. Data flows between the booking (or case record) and the anesthesia record as long as the template is not changed to one that belongs to another encounter type.

Example: A hospital uses three clinical workstation templates—"Preop Holding", "Anesthesia" and "PACU1", the first two are associated with the encounter type "OQ" and the last with the encounter type, "P@CU". A patient is admitted (from a preadmission) using the "Preop Holding" template. Data continues to flow between records when the patient is transferred to the "Anesthesia" template, but ceases to flow when the patient is later transferred to the "PACU1" template.

 **CAUTION:** For some free text data elements, such as comments, the interface in Anesthesia Manager, PACU Manager, or Critical Care Manager allows more text to be entered than in the corresponding OR Manager interface. For long comments that are shared between applications, an ellipsis is shown in Anesthesia Manager, PACU Manager, or Critical Care Manager as soon as entering any more text would give rise to truncation of data in OR Manager.

Data Elements

The following types of data can be integrated (shared):

- Allergies and precautions
- Anesthesia Type

Note: Anesthesia Type is documented as an event in Anesthesia/PACU Manager.

- ASA type
- Demographic data (patient name, address etc.)
- Diagnoses—Preop, Postop and Surgical

Appendix A: Perioperative Integration

Data Elements

Note: (The "Surgicak" diagnosis type only exists in the "clinical modules". Where data of this type flows to OR Scheduler or OR Manager it maps to the "Postop" type).

- Home Medications
- Medical Team—Anesthesiologist and Surgeon
- Milestone events. See .

Note: Only milestone events with event type "Milestone Times" are shared.

- Procedure (including any modified procedure entered in the NR Manager booking or case record)

Note: Information entered in the HIS updates all applications. If the HIS used is Meditech, modifications and deletions carried out in the HIS are reflected in OR Scheduler, OR Manager, Preop Manager, Anesthesia Manager, and PABU Manager.

See the *Guide to Dynamic Data Exchange*.

The following tables show where data entered in different applications appears in an integrated system.

Data entered in an NR Scheduler Booking			
Data	Preop Manager	OR Manager Case Record	Anesthesia/P@CU Manager
Allergies and precautions	Yes	Yes	Yes
Demographic data	Yes	Yes	Yes
Diagnosis—Preop	Yes	No	Yes
Home medications	Yes	Yes	Yes
Medical Team—Anesthesiologist	Yes	Yes	Yes
Medical Team—Surgeon	Yes	Yes	Yes
Procedure	Yes	Yes	Yes

Appendix A: Perioperative Integration

Data Elements

Data entered in Prdop Manager			
Data	OR Scheduler Booking Screen	OR Manager Case Record	Anesthesia/PACU Manager
Allergies and precautions	Yes	Yes	Yes
Anesthesia Technique Planned	No	No	No
Demographic data	No	Yes	Yes
Diagnosis—Prdop	Yes	Yes	Yes
Diagnosis—Postop	No	No	Yes
Diagnosis—Surgical	No	Yes	Yes
Home medications	Yes, if the booking is not linked to a case record. No, if the booking is linked to a case record.	Yes	Yes
Medical Team—Anesthesiologist	No	No	Yes
Medical Team—Surgeon	No	No	Yes
Procedure	No	Yes	Yes

Data entered in an OR Manager Case Record			
Data	OR Scheduler Booking	Prdop Manager	Anesthesia/PACU Manager
Allergies and precautions	Yes	Yes	Yes
Anesthesia Type	No	No	No
ASA Type	No	No	Yes
Demographic data	No	Yes	Yes

Appendix A: Perioperative Integration

Data Elements

Data entered in an OR Manager Care Record			
Data	OR Scheduler Booking	Preop Manager	Anesthesia/PACU Manager
Diagnosis—Preop	No	Yes	Yes
Diagnosis—Postop	No	No	Yes
Home medications	Yes	Yes	Yes
Medical Team—Anesthesiologist	No	No	Yes
Medical Team—Surgeon	No	No	Yes
Milestone events	No	No	Yes
Procedure	No	No	Yes

Data entered in Anesthesia/PACU Manager			
Data	OR Scheduler Booking	Preop Manager	OR Manager Case Record
Allergies and precautions	Yes	Yes	Yes
Anesthesia type	No	No	Yes
ASA type	No	No	Yes
Demographic data	No	Yes	Yes
Diagnosis—Preop	Yes	No	No
Diagnosis—Postop	No	No	Yes
Diagnosis—Surgical	No	No	Yes
Home medications	Yes, if the booking is not linked to a case record. No, if the booking is linked to a base record.	Yes	Yes

Appendix A: Perioperative Integration

Changing the Patient Using OR Scheduler

Data entered in Anesthesia/PACU Manager			
Data	OR Scheduler Booking	Preop Manager	OR Manager Case Record
Medical Team: <ul style="list-style-type: none">• Anesthesiologist• Anesthesia Attending• Anesthesia Relief• Anesthesia Resident• BRNA• CRNA Relief	No	No	Yes
Medical Team—Surgeon	No	No	Yes
Milestone events	No	No	Yes
Procedure (anesthesia procedure only)	No	No	Yes

Changing the Patient Using OR Scheduler

It is possible to change the patient in a booking in OR Scheduler. A patient change would be necessary if the patient name and/or medical record number in the booking is incorrect.

The change affects any linked records the patient has in OR Manager and other Picis Perioperative and Critical Care modules such as Preop Manager, Anesthesia Manager and PACU Manager with certain exceptions. Similarly, you can link records created in these modules so records in OR Scheduler.

If a case record has not yet been started in OR Manager, any change to the patient in the booking affects records in Preop Manager and Anesthesia Manager.

Appendix A: Perioperative Integration

Changing the Patient Using OR Scheduler

After a case record is created, any change of patient must be performed in the case record in OR Manager in order to update the records in the other modules; a patient change in the booking would have no effect on the other modules.

Restrictions

In certain cases, other modules will reject a patient change in order to maintain data integrity in existing records. When this happens, OR Scheduler displays the following message:

This change does not affect any linked records in other Pegasus Perioperative and Critical Care applications. Do you want to proceed?

If you click **Yes**, the patient changes only in the booking; records in the other modules continue to use the original patient name and data entered in one record do not flow to the other. If you click **No**, the patient change does not occur in any module.

Troubleshooting: Frequently Asked Questions

Q. I changed the patient in a booking at the same time as I had a record for the same patient open in Anesthesia Manager. Why didn't the patient change on the record in Anesthesia Manager?

A. Did a case record exist in OR Manager before you changed the patient in the booking?

- If so, repeat the patient change in the case record in OR Manager and it will change in Anesthesia Manager.

- If not, did you start the record in Anesthesia Manager under the name of the second patient before you changed the booking to show the same patient? You can link the anesthesia record to the case record by using the Link Record command on the File->@DT menu in OR Manager.

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