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SIRIS Spine

Quick Start Guide

An overview of the SIRIS Spine application

V1.0 September 2020

INTRODUCTION

This document presents a quick guide to the SIRIS Spine system.

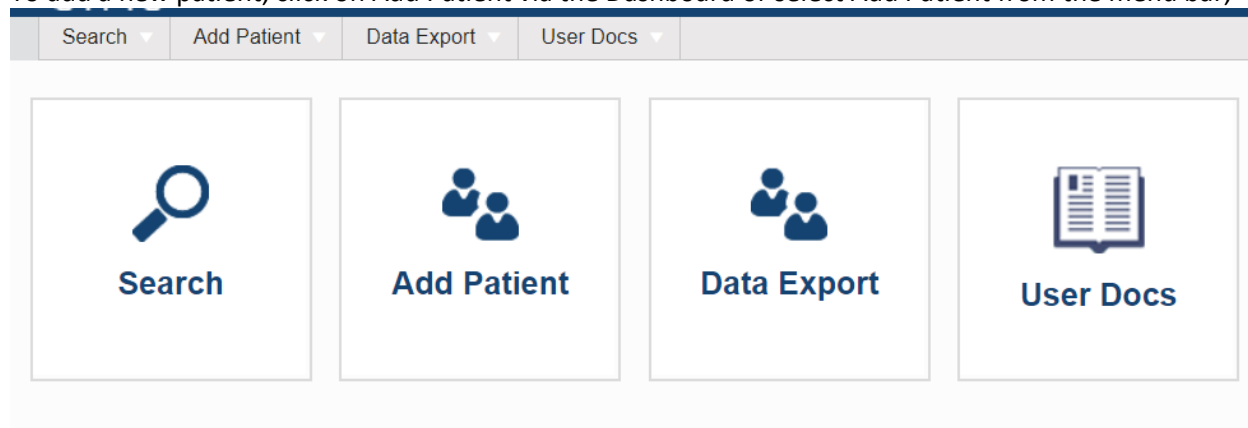
It provides a quick 'how to' guide and also explains the symbols used within system. In addition, it showcases the main form (SIRIS Surgery) on the system.

Additional functionality and features will be added to the system and this document in time.

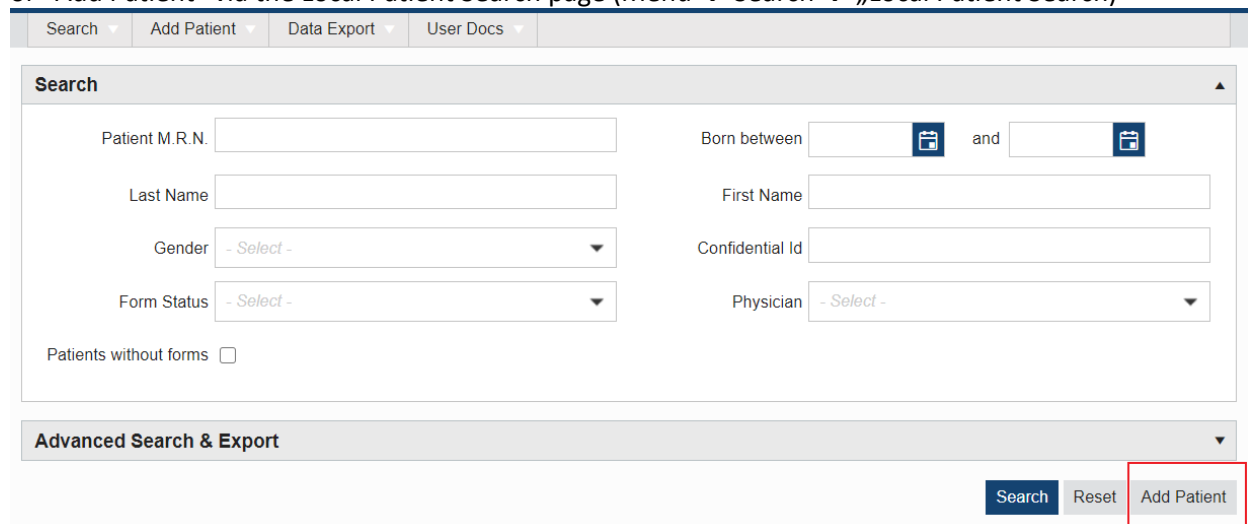
GENERAL

Add Patient

To add a new patient, click on Add Patient via the Dashboard or select Add Patient from the menu bar,



or "Add Patient" via the Local Patient Search page (Menu → Search → „Local Patient Search“)




The screenshot shows the 'Local Patient Search' page. At the top is a navigation bar with 'Search', 'Add Patient', 'Data Export', and 'User Docs' dropdown menus. Below the navigation bar is a 'Search' section with a search form. The form includes fields for 'Patient M.R.N.', 'Last Name', 'Gender' (dropdown), 'Form Status' (dropdown), 'Born between' (two date pickers), 'First Name', 'Confidential Id', and 'Physician' (dropdown). There is also a checkbox for 'Patients without forms'. Below the search form is an 'Advanced Search & Export' section. At the bottom right of the page, there are three buttons: 'Search', 'Reset', and 'Add Patient'. The 'Add Patient' button is highlighted with a red box.

Add patient screen

Patient Details

Consent* Yes No

Patient M.R.N.* ! Date of Birth* 

Gender*

Last Name* i First Name* i

Last Name at Birth i

Country of Birth v Home town i

Phone Number i Email Address i

Country of Residence Place of Residence

Postcode Street Name

House/Flat Number Additional Address

Details

Back to Search
Save

Add Case/Form

You can add a new (clinical) case or a new form to a patient.

In SIRIS Spine you can only add one SIRIS Spine Surgery form per (clinical) case.



When adding a new Case or Form to an existing patient, you will need to search for the patient via the search page.

Local Search (simple search)

Search v
Add Patient v
Data Export v
User Docs v

Search ▲

Patient M.R.N.

Born between  and 

Last Name First Name

Gender v Confidential Id

Form Status v Physician v

Patients without forms

Select the patient from the search results:

Search Results								
							Demographics	Forms
Patient M.R.N. ↑	Confidential Id	Last Name	First Name	Date of Birth	Gender	No. Of Cases	View Details	
1	3000413000000001004	Bond	James	12/08/2020	Female	2		
10001000	3000413000000005003	Bond	James	07/11/1955	Male	2		
111	3000413000000004003	Leonardo	Da Vinci	31/08/2020	Male	1		
123	3000413000000000002	G	A	01/01/1950	Male	2		
223366	3000413000000004005	Mischler	Andreas	10/09/1956	Male	1		
24234	3000413000000000003	Se	Na	01/01/1949	Male	1		
777	3000413000000004004	Bond	James	31/08/2020	Male	1		
828282828282	3000413000000001003	Other	Ursula	01/08/2020	Other	2		
999	3000413000000002001	Da Vinci	Leonardo	24/08/2020	Male	1		
RR4	3000413000000001002	FFF	GGG	10/08/2020	Male	2		

10 items per page 1 - 10 of 13 items

For a new patient with no existing forms, click on “Add Case” from the search results

3453647434			07/11/2018	Male	0	
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or for a patient with existing forms, click on “View details” from the search results

111	3000413000000004003	Leonardo	Da Vinci	31/08/2020	Male	1	
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To add a new case, select “Add Case” (circled in blue).

To add a new form, select “Add Form” (circled in yellow)

To edit an existing form, select (circled in red).


Case/Form Details

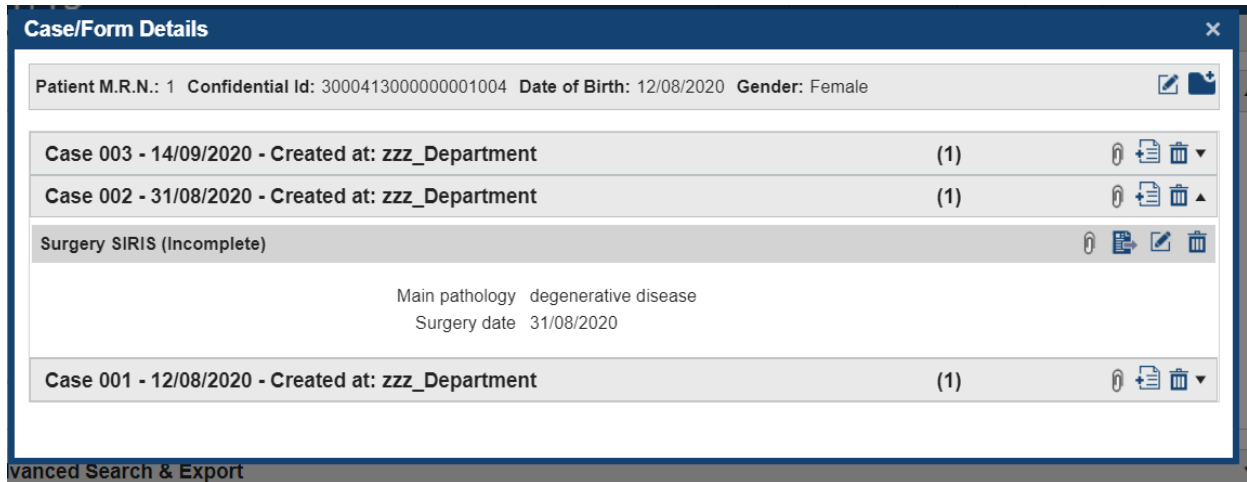
Patient M.R.N.: 1 Confidential Id: 3000413000000001004 Date of Birth: 12/08/2020 Gender: Female

Case 002 - 31/08/2020 - Created at: zzz_Department	(1)	
Surgery SIRIS (Incomplete)		

Main pathology degenerative disease
Surgery date 31/08/2020














Case 001 - 12/08/2020 - Created at: zzz_Department	(1)	
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To edit an existing form, select edit  from the search results or from within a selected case.



Case/Form Details

Patient M.R.N.: 1 Confidential Id: 3000413000000001004 Date of Birth: 12/08/2020 Gender: Female

Case 003 - 14/09/2020 - Created at: zzz_Department	(1)	  
Case 002 - 31/08/2020 - Created at: zzz_Department	(1)	  
Surgery SIRIS (Incomplete)		   
Main pathology degenerative disease Surgery date 31/08/2020		
Case 001 - 12/08/2020 - Created at: zzz_Department	(1)	  

Advanced Search & Export

Main Symbols used

The following symbols are the main symbols used in the system. All symbols contain help text. When hovered over, an explanation of what the symbol stands for is provided.



- Go back to patient



- Go back to case



- Upload a file/attachment



- Files uploaded or Form contains an attachment



- Move file (enables moving files from one case to another)



- Print content of a form



- This means that the sub-form has been completed and there are no errors

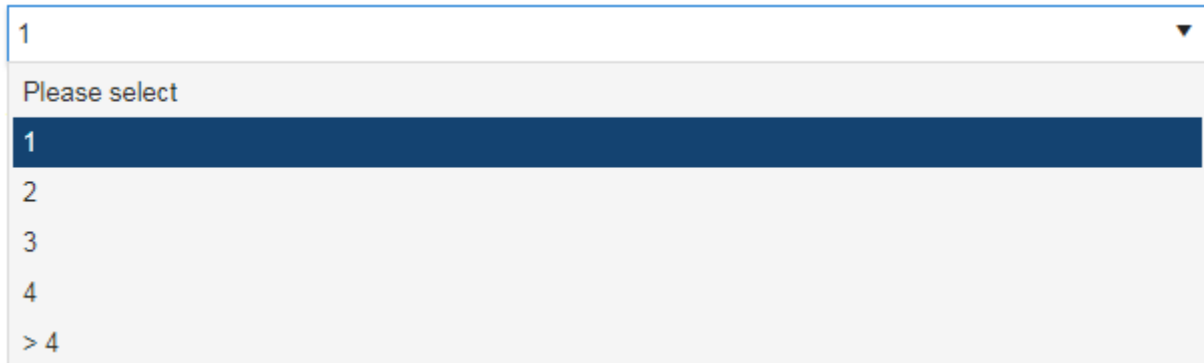


- This is a warning symbol and means that there are errors in the sub-form



- This highlights a specific field with an error.

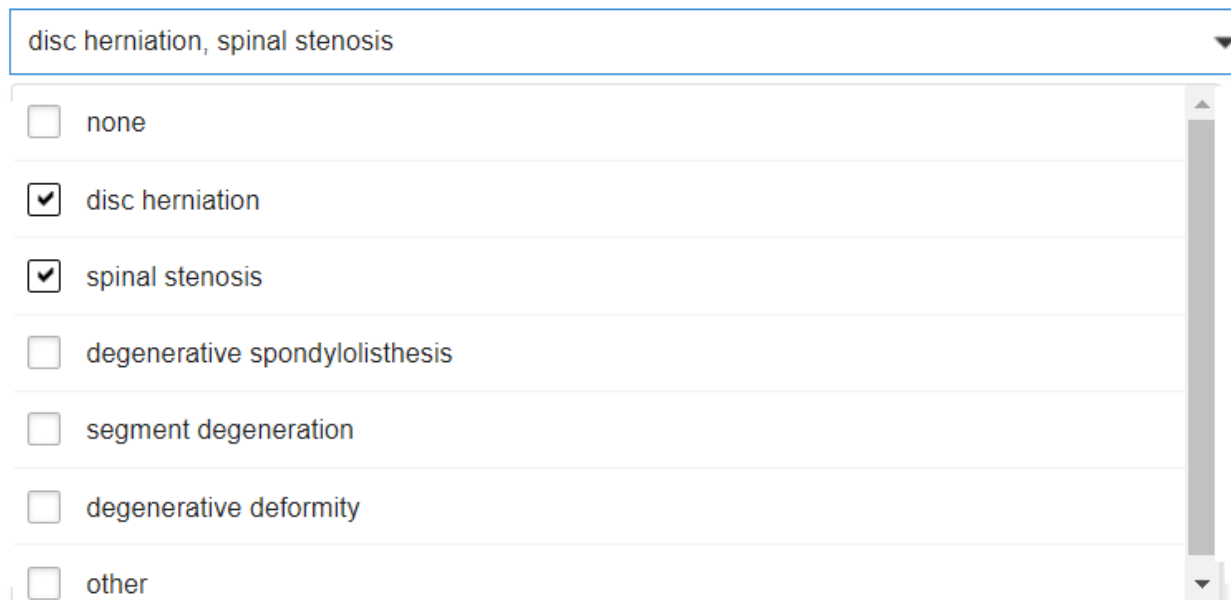
This is a single select field. You can only select one option



A single select dropdown menu with a light blue border. The current selection is '1'. The dropdown is open, showing a list of options: '1', '2', '3', '4', and '> 4'. The option '1' is highlighted with a dark blue background. The text 'Please select' is visible at the top of the dropdown list.

This is a multi-select field. Multi-selections are denoted by square boxes. Where these appear, more than one selection is possible

Type of degeneration - secondary*



A multi-select dropdown menu with a light blue border. The current selection is 'disc herniation, spinal stenosis'. The dropdown is open, showing a list of options with checkboxes: 'none', 'disc herniation', 'spinal stenosis', 'degenerative spondylolisthesis', 'segment degeneration', 'degenerative deformity', and 'other'. The options 'disc herniation' and 'spinal stenosis' are checked.

SIRIS Spine Form

The items for selection are usually available from a drop-down list. The selected items are recorded against the form being completed once saved. A form does not have to be completed before it can be saved. Once a form has been completed, it should be submitted.

Example from SIRIS Spine form




The specific variables are presented under the relevant sub-form sections. The SIRIS Spine form is broken down into 4 sub-forms **Admission/Pathology, Surgery, Components, and Surgical Measures**.

Admission / Pathology
Surgery
Components
Surgical measures

Save
Submit

Admission/Pathology

This sub-form covers the entry of the main pathology with its specifications. On selecting a main pathology, the sub-form is limited questions related to the main pathology selected. The screen shot below shows an example for a main pathology of 'degenerative disease'. The specification of main pathology section is limited to the relevant information required for 'degenerative disease'.

Admission / Pathology  Surgery  Surgical measures 	<div style="background-color: #0056b3; color: white; padding: 2px 5px; font-weight: bold;">GENERAL</div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>Main pathology*</p> <div style="border: 1px solid #ccc; padding: 2px;">degenerative disease ▼</div> </div>
<div style="display: flex; justify-content: space-around; margin-top: 10px;"> Save Submit </div>	<div style="background-color: #0056b3; color: white; padding: 2px 5px; font-weight: bold;">SPECIFICATION OF MAIN PATHOLOGY</div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>Degenerative disease</p> <p>Type of degeneration - primary*</p> <div style="border: 1px solid #ccc; padding: 2px;">Please select ▼</div> <p>Type of degeneration - secondary*</p> <div style="border: 1px solid #ccc; padding: 2px;">Please select ▼</div> </div>

(Admission Pathology continued)


Admission / Pathology	CONTINUATION
Surgery	<p>For segments, indicate cranial vertebral body only</p> <p>Number of previous spine surgeries at same / adjacent level(s)*</p> <input style="width: 100%;" type="text" value="0"/>
Surgical measures	
<input type="button" value="Save"/> <input type="button" value="Submit"/>	
<p>Risk factors</p> <p>Height (cm)*</p> <input style="width: 100%;" type="text" value="180"/> <p>Weight (kg)*</p> <input style="width: 100%;" type="text" value="80"/> <p>BMI*</p> <p>24.69</p> <p>Current smoker*</p> <input style="width: 100%;" type="text" value="no"/>	


Surgery


The Surgery sub-form contains the information required to be collected for the Surgery.


Admission / Pathology	SURGICAL PROCEDURE
Surgery	<p>Surgery date*</p> <input style="width: 100%;" type="text" value=""/>
Surgical measures	
<input type="button" value="Save"/> <input type="button" value="Submit"/>	
<p>Surgeon name</p> <input style="width: 100%;" type="text" value="Please select"/>	
<p>CHOP1</p> <input style="width: 100%;" type="text" value="e.g. 7A.63.11 or 7A.71"/>	
<p>CHOP2</p> <input style="width: 100%;" type="text" value="e.g. 7A.63.11 or 7A.71"/>	
<p>CHOP3</p> <input style="width: 100%;" type="text" value="e.g. 7A.63.11 or 7A.71"/>	
<p>Instructed surgery*</p> <input style="width: 100%;" type="text" value="Please select"/>	
<p>Components*</p> <input style="width: 100%;" type="text" value="Please select"/>	
<p>Anterior access*</p> <input style="width: 100%;" type="text" value="Please select"/>	
<p>Posterior access*</p> <input style="width: 100%;" type="text" value="Please select"/>	
<p>Morbidity state*</p> <input style="width: 100%;" type="text" value="Please select"/>	

The “Components” subsection is included when components are added:

Admission / Pathology 

Surgery 

Components 

Surgical measures 

Save Submit

Components

Component Search

Manufacturer

Description

Catalogue Number


Barcode (GTIN) Brand

Request Component
Reset
Search

Component Result


















Manufacturer	Catalogue Number ↑	Brand	Description	
<div style="display: flex; justify-content: space-between; align-items: center;"> ◀◀ 1 ▶▶ 5 Items per page No item to display </div> <div style="text-align: right; margin-top: 5px;">Select</div>				

Selected component(s)



Surgical measures

This screen shots below show the required information for the surgical measures section.

Admission / Pathology  Surgery  Components  Surgical measures 	<div style="background-color: #0056b3; color: white; padding: 2px; font-weight: bold;">SURGICAL MEASURES</div> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>Decompression</p> <p>Specify decompression*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> <p>Extent of surgery - decompression*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> </div> <hr/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>Fusion promoting measures</p> <p>Specify fusion*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select  </div> <p>Extent of surgery - fusion*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> <p>Fusion material*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> </div> <hr/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>Stabilisation rigid</p> <p>Specify stabilisation rigid*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> <p>Extent of surgery - stabilisation rigid*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> </div> <hr/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>Other surgical measures</p> <p>Other surgical measures*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> <p>Extent of surgery - other surgical measures*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> </div> <hr/> <div style="border: 1px solid #ccc; padding: 5px; margin-top: 5px;"> <p>Intraoperative adverse event*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> <p>Measures during index surgery*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> <p>Intraoperative general complications*</p> <div style="border: 1px solid #ccc; background-color: #f9f9f9; padding: 2px; margin-bottom: 5px;">Please select </div> </div>
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Once all questions have been answered and any errors corrected, the warning symbols change to a green circle and the form can be saved and submitted.