

mediSIGHT 1.10

Post-op Checks

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Introduction

Overview

In mediSIGHT version 1.10 a new **Post-op Checks** encounter has been created for recording the measurements and questions answered after the operation.

It is possible to record the following activities:

- Arrival time in the discharge lounge/ward
- Observations
- Visual Acuity
- IOP
- Dressings
- Discharge Planning
- A configurable Post-Operative Checklist
- Free text Notes
- The Plan for Further visits
- Finish time

The activities on the post-op checks encounter can be customised; additional activities such as IOP and Attachments/scanning can be added if required.

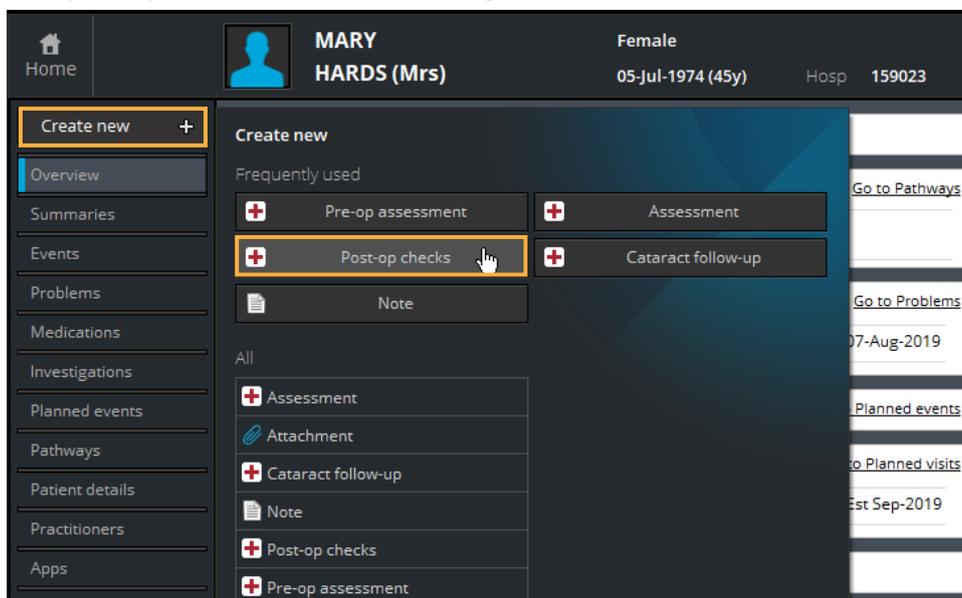
The **Post-op Checks** encounter is part of the **Day of surgery checks** license which needs to be purchased and enabled to have access to the functionality.

Once the functionality has been enabled, the user must then be added to the **Nurse: post-op checks** group or be granted the **Post-operative checks full edit** permission.

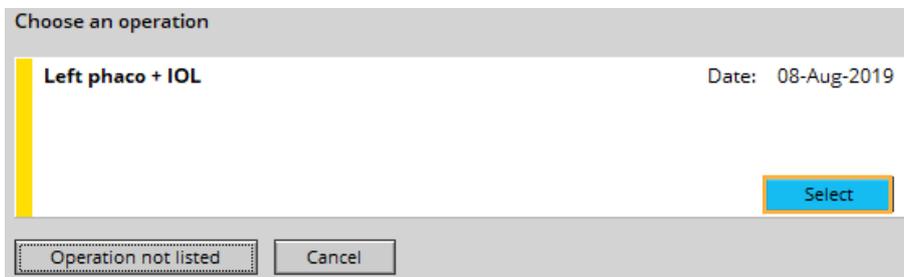
Recording Post-operative Checks

Creating the Post-op Checks Encounter

In order to record the post-operative checks, the **Post-op checks** encounter needs to be created:



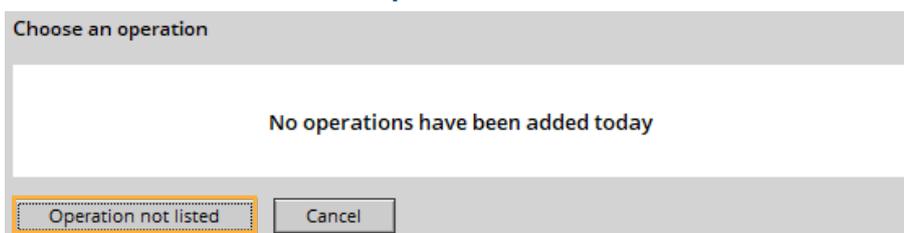
The user will be prompted to **Select** the recent operation:



When the operation is selected, the Anaesthesia details will pull through to the Post-op checks encounter:



If the operation was not recorded in mediSIGHT, **Operation not listed** should be selected:



The operation will then need to be added manually to the Post-op checks encounter:

<ul style="list-style-type: none"> Visit Operation Arrival time Observations Visual acuity Dressings Discharge planning Post-operative che... Notes 	Post-op checks 08-Aug-2019 Clinic Room 2, Hazelwood NHS trust Pathway Cataract Seen by Mrs Mavis ROBINSON
	Operation Operation * <input type="text" value="Specify operation"/> Anaesthesia * <input type="checkbox"/> GA <input type="checkbox"/> LA 250 characters remaining Sedation <input type="checkbox"/> Yes <input type="checkbox"/> No
	Arrival time <input type="text" value="hh:mm"/>
	<input type="button" value="Done"/>

The Post-op Checks Encounter

The encounter will pull through certain data from the Pre-op assessment, Pre-op checks and Operation encounters:

<ul style="list-style-type: none"> Create new + Post-op checks Overview Summaries Events Problems Medications Investigations Planned events Plan Pathways Patient details Fractionators Apps Split screen 	Home MARY HARDS (Mrs) Female 05-Jul-1974 (45y) Hosp: 159023 123 HIGH STREET, Derby, Derbyshire, DE11 0AT Known allergies / adverse reactions Mavis Robinson Help > Tools >
	Post-op checks 08-Aug-2019 Clinic Room 2, Hazelwood NHS trust Pathway Cataract Seen by Mrs Mavis ROBINSON Responsible Mr Graham GREEN
	Operation 08-Aug-2019 Left phaco + IOL LA - Left eye - Subconjunctival-Lidocaine + Adrenaline XYLOCAINE No sedation
	Arrival time <input type="text" value="hh:mm"/>
	Observations Pre-op checks 08-Aug-2019 09:30 Blood pressure (mmHg) 120 / 70 Pulse (/min) 65 Temperature (°C) 36.9 Respiratory rate (/min) - O2 saturation (%) - Blood glucose (mmol/L) - Height (m) - Weight (kg) - BMI (kg/m ²) - Pain score (0-10) -
	Visual acuity
	Dressings
	Discharge planning
	Post-operative checklist
	<input type="button" value="Change"/> <input type="button" value="Cancel"/>

Arrival Time

The Arrival time is completed by typing in the time in 24 hour clock:

<ul style="list-style-type: none"> Create new + Post-op checks Overview Summaries Events Problems Medications 	<ul style="list-style-type: none"> Visit Operation Arrival time Observations Visual acuity Dressings Discharge planning 	Post-op checks 08-Aug-2019 Clinic Room 2, Hazelwood NHS trust Pathway Cataract Seen by Mrs Mavis ROBINSON Responsible Mr Graham GREEN
	Operation 08-Aug-2019 Left phaco + IOL LA - Left eye - Subconjunctival-Lidocaine + Adrenaline XYLOCAINE No sedation	
	Arrival time <input type="text" value="11:20"/>	

Observations

Observations from the Pre-op assessment and Pre-op checks will pull through as read only. The current data can be entered and also repeated by using **Add another**. There is a **Comments** box for any additional information:

	Pre-op assessment 26-Jul-2019	Pre-op checks 26-Jul-2019	26-Jul-2019
Blood pressure (mmHg)	120 / 80	125 / 85	121 / 82
Pulse (/min)	60	62	61
Temperature (°C)	37.5	37	37
Respiratory rate (/min)	14	14	14
O2 saturation (%)	99	99	99
Blood glucose (mmol/L)	5	-	
Height (m)	1.85	-	
Weight (kg)	70	-	
BMI (kg/m ²)	20.45	-	
Pain score (0-10)	-	0	1

2000 characters remaining

Visual Acuity (VA)

Distance VA can be recorded as it would be in other encounters with the option to **Add another** type of VA measurement and the **More** button to change VA notation.

Right eye VA: [] Correction: [Unaided, Glasses, Pinhole, Contact lens, Refraction]

Distance VA VA: [] Correction: []

Left eye VA: [] Correction: []

[Add another] [Done]

IOP

IOP may not appear by default but can be added in using the **More activities** button on the activity menu:

The screenshot shows a 'More activities' dialog box with the following content:

Activity	Description	Add	Set as favourite
IOP	Record the results of IOP tests.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Attachments / scanning	Upload related documents as attachments or scan them in directly.	<input type="checkbox"/>	<input type="checkbox"/>

Set as favourite can be selected so IOP appears on the menu for quick access to add in when needed:

The screenshot shows the 'More activities' menu with 'IOP' listed as a favorite activity. Below the menu, the 'Visual acuity' section is visible with the following details:

Visual acuity: CCT None R IOP L CCT None
 Method: [dropdown] at 14:57
 Add another [button] More [button] Done [button]

Dressings

Information about the dressing and removal can be entered into the **Dressings** section. This section is configurable like the Post-operative checklist.

The screenshot shows the 'Dressings' section with the following data table:

(mmHg)	120 / 70	115 / 65
Pulse (/min)	65	63
Temperature (°C)	36.9	36.8
Respiratory rate (/min)	-	24
O2 saturation (%)	-	99
Blood glucose (mmol/L)	-	-
Height (m)	-	-
Weight (kg)	-	-
BMI (kg/m²)	-	-
Pain score (0-10)	-	-

Below the table, the 'Dressings' section contains the following form:

Dressings
 Has a dressing been applied for discharge? [input]
 Removal instructions given? Yes No N/A
 Removal instructions [input]
 Done [button]

Discharge Planning

This section contains the arrangements for transporting and supporting the patient when discharged:

Discharge planning

Transport Hospital Own Relatives ▼

District nurse required Yes No

Other social services required Yes No

Comments

2000 characters remaining

Done

Responses to these questions and comments will pull through from the associated Pre-op Assessment section:

Transport

Admission Hospital Own

Discharge Hospital Own

Post-op visit Hospital Own

Fasting instructions Yes No

Comments

2000 characters remaining

Discharge planning

Lives alone Yes No

Support available from family and friends Yes No

Any problems having surgery as a day case Yes No

Someone to look after them overnight Yes No

Able to put in own eye drops Yes No

Help available to put in eye drops Yes No N/A

District nurse required Yes No

Other social services required Yes No

Comments

2000 characters remaining

Alerts are triggered if any transport or support services are required and the **Arranged?** question will appear:

Notes

Plan

Finish time

More activities

★ IDP

Finalise

Discharge planning

! Transport Hospital Own Relatives ▼

! District nurse required Yes No Arranged? Yes No

! Other social services required Yes No Arranged? Yes No

Comments

2000 characters remaining

Done

Post-operative Checklist

The **Post-operative Checklist** questions are configurable (see : [Configuring the Post-op Checks Encounter](#))

Questions can be added, edited, removed and re-ordered. The questions can be made mandatory or set up to trigger alerts depending upon the responses provided:

Notes

There is a section where **Notes** can be entered:

Plan

The **Plan** section shows the planned visits that have already been added. If there are defaults set in Surgeon Defaults for **Further visits** that have pulled through to the Operation encounter, these will then pull through to the **Plan**.

Plan	
Further visits	Added Planned Cataract visit - at Clinic 1 (RHH) est. Sep-2019 with a clinical nurse specialist

An additional visit can be added or the defaulted visit can be changed.

1. Click into the **Plan** section
2. Click on **Further visits**

Plan	Done
Further visits	Added Planned Cataract visit - at Clinic 1 (RHH) est. Sep-2019 with a clinical nurse specialist

3. Enter the details for an additional visit or click on **View/edit planned visits** to make a change to the default on the **Planned events** page

Plan	Done																		
Further visits	<table border="1"> <tr> <td colspan="2">Planned visits</td> </tr> <tr> <td>Added</td> <td>Cataract est. Sep-2019 at Clinic 1 (RHH) with a clinical nurse specialist</td> </tr> <tr> <td colspan="2"> In about <input type="text"/> days weeks months or dd-Mmm-yyyy at hh:mm </td> </tr> <tr> <td>To be seen by</td> <td><input type="text"/></td> </tr> <tr> <td>Location</td> <td>Clinic Room 2 (HH)</td> </tr> <tr> <td>Pathway</td> <td>Cataract</td> </tr> <tr> <td>Responsible</td> <td>Mr Graham GREEN</td> </tr> <tr> <td></td> <td>250 characters remaining</td> </tr> <tr> <td></td> <td style="text-align: right;">Add Cancel</td> </tr> </table>	Planned visits		Added	Cataract est. Sep-2019 at Clinic 1 (RHH) with a clinical nurse specialist	In about <input type="text"/> days weeks months or dd-Mmm-yyyy at hh:mm		To be seen by	<input type="text"/>	Location	Clinic Room 2 (HH)	Pathway	Cataract	Responsible	Mr Graham GREEN		250 characters remaining		Add Cancel
Planned visits																			
Added	Cataract est. Sep-2019 at Clinic 1 (RHH) with a clinical nurse specialist																		
In about <input type="text"/> days weeks months or dd-Mmm-yyyy at hh:mm																			
To be seen by	<input type="text"/>																		
Location	Clinic Room 2 (HH)																		
Pathway	Cataract																		
Responsible	Mr Graham GREEN																		
	250 characters remaining																		
	Add Cancel																		
	View/edit planned visits OK																		

Finish Time

The **Finish time** is completed by typing in the time in 24 hour clock.

Notes	
Plan	
Further visits	Added Planned Cataract visit - at Clinic 1 (RHH) est. Sep-2019 with a clinical nurse specialist
Finish time	11:50

Saving the Encounter

Use the **Finalise** button to save the encounter:

The screenshot shows a sidebar on the left with a 'Finalise' button highlighted by a red box. The main area displays a patient encounter form with the following sections:

- Visual Acuity**
- Dressings**
 - Has a dressing been applied for discharge? Yes - shield
 - ! Removal instructions given? Yes
 - Removal instructions: Remove after 24 hours but re-apply for sleeping and showering
- Discharge planning**
 - Transport: Own Relatives
 - District nurse required: No
 - Other social services required: No
- Post-operative checklist**
 - Mobilising normally? Yes
 - Cannula/venflon removed? N/A
 - Had something to eat and drink? Yes
 - Verbal & written advice given? Yes
 - Adult required to stay with patient for 24 hours? No
 - Instructed on drop instillation? Yes
 - GP letter printed? Yes
 - Follow up appointment given? Yes
- Notes**
- Plan**
 - Further visits: Added Planned Cataract visit - at Clinic 1 (RHH) est. Sep-2019 with a clinical nurse specialist
- Finish time**: 11:50

The **Post-op checks** encounter will appear on the **Events** list:

The screenshot shows the patient's 'Events' list for MARY HARDS (Mrs). An orange arrow points to the 'Post-op checks' event on 08-Aug-2019. The details of this encounter are as follows:

- Patient:** HARDS, MARY (Mrs), 123 HIGH STREET, Derby, Derbyshire, DE11 0AT. Born 05-Jul-1974, Hosp 159023.
- Location:** Hazelwood NHS trust, Clinic Room 2, Hazelwood NHS trust.
- Pathway:** Cataract. Responsible Mr Graham GREEN, Seen By Mrs Mavis ROBINSON.
- Operation:** 08-Aug-2019 Left phaco + IOL. LA - Left eye - Subconjunctival - Lidocaine + Adrenaline XYLOCAINE. No sedation.
- Arrival and finish times:** Arrived: 11:20, Finished: 11:50.
- Observations:**

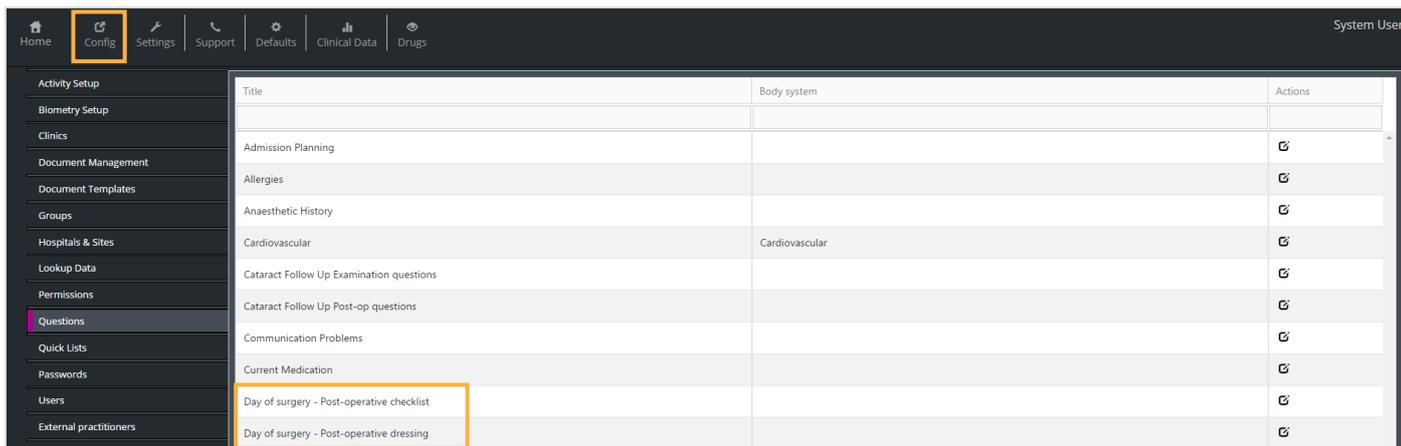
	Pre-op checks 08-Aug-2019	08-Aug-2019
Blood pressure (mmHg)	120 / 70	115 / 65
Pulse (/min)	65	63

Configuring the Post-op Checks Encounter

With Administrator or Supervisor permissions, it is possible to customize the questions on the following activities within the Post-op checks encounter:

- Day of surgery - Post-operative checklist
- Day of surgery - Post-operative dressing

This is done in : **System Settings > Config > Questions**



Adding a New Question

The edit icon is used to make a change to an activity.

New questions can be added by selecting

1. Select the activity using the edit icon



2. Click on **Add an Item**



3. Enter the new question specifics and click on **Save**

Edit Questions
×

Options ▼

Yes No NA answer option

Question text

Order

0

Response to highlight ▼

None

Mandatory

Available

Pull through

Checklist LA & GA GA only

Domain ▼

StandardQuestion

Cancel
Save

- **Options** allows you to select the type of response required for the question. The options are:
 - Yes No NA
 - Yes No
 - Free text

- **Order** requires a number to determine the position of the question in the list. 0 is accepted as the first question.

- The question must be marked **Available** for the question to appear on the encounter.

- **Mandatory** questions will require a response before the encounter can be finalised.

- **Response to highlight** is used to set up alerts. Select the response that should trigger an alert or set to **None** if no alert is required.

Editing a Question

 The edit icon is used to make a change to the questions within an activity.

1. Select the activity

Day of surgery - Post-operative checklist	
Day of surgery - Post-operative dressing	

2. Select the question

Cannula/venflon removed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Had something to eat and drink?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

3. Make the changes and click on **Save**

Edit Questions ✕

Options Yes No NA answer option ▼

Question text Cannula/venflon removed?

Order 3

Response to highlight Yes ▼

Mandatory

Available

Pull through

Checklist LA & GA GA only

Domain StandardQuestion ▼

Cancel
Save

Getting Help

The onsite mediSIGHT system administrator(s) should be the first port of call for any queries regarding the Post-op Checks functionality.

If further help is needed, Medisoft Support can be contacted using the details below:



+44(0)113 347 20 20



support@medisoft.co.uk