



British Society of Urogynaecology
Registered charity No 1143157

British Society of Urogynaecology

Audit Database

User Guide

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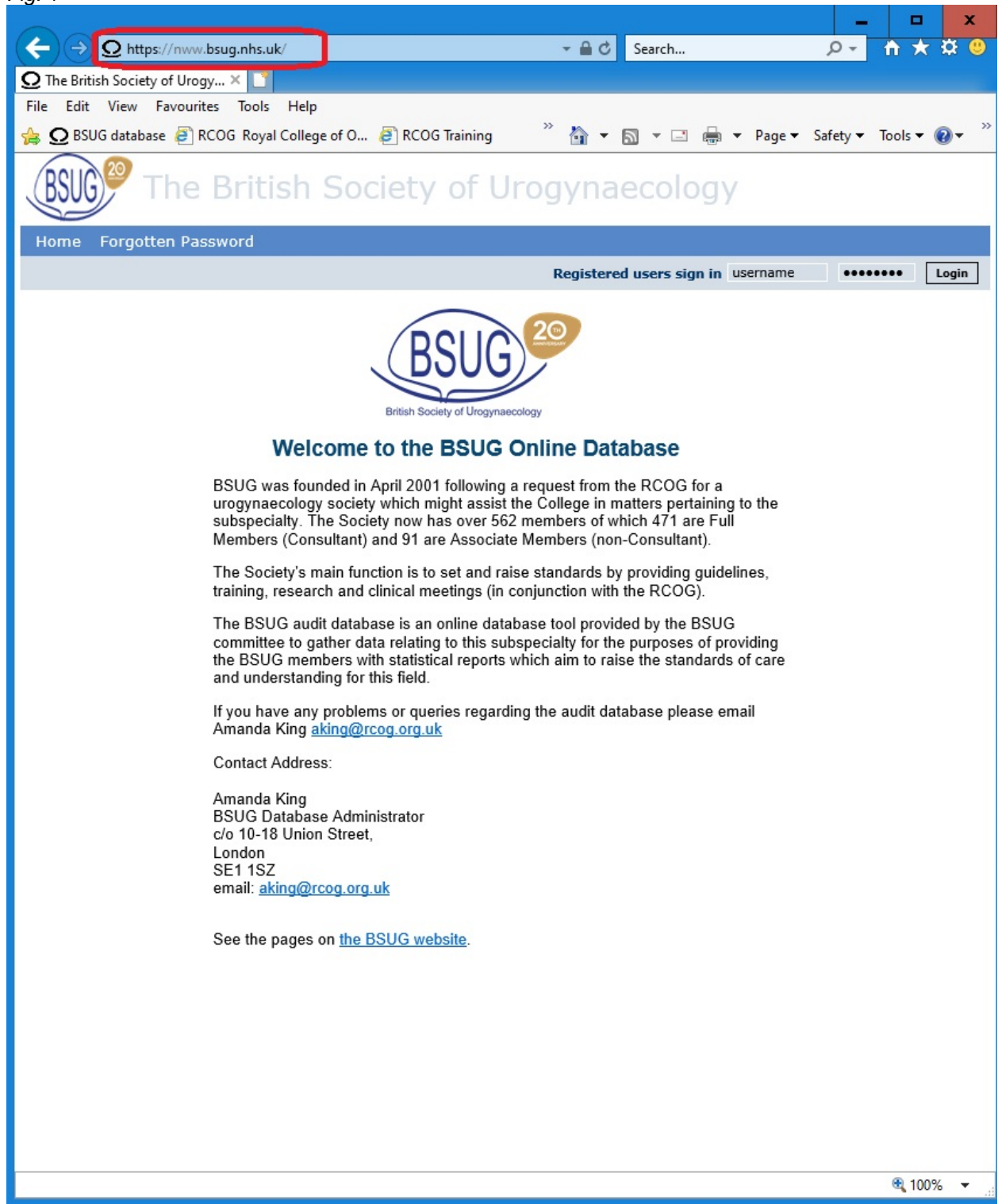
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1 Accessing the BSUG database website

To access the BSUG website type <https://nww.bsug.nhs.uk/> into the **Address Bar** (as highlighted in red box) and save to your favourites. (Click on the favourites tab and click on the 'add to favourites' option.)

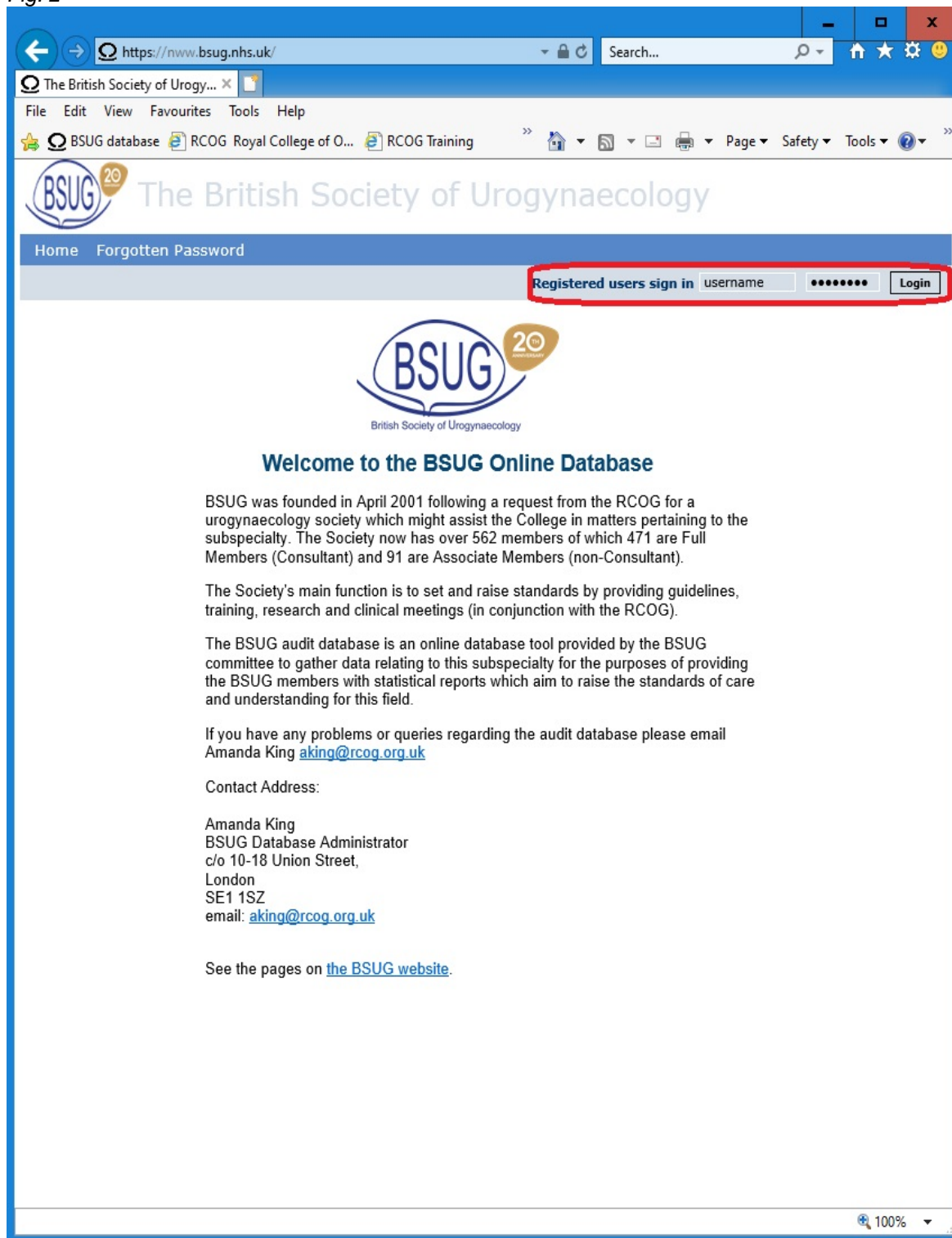
Fig. 1



2 Logging on to the database website

To log on to the website simply enter the **Username** and **Password** provided by your systems administrator and click **Login**. The password needs to be changed at regular intervals for which you will be asked when logging into the database.

Fig. 2



If you have forgotten the password, click on forgotten password tab and it will take you to the following page where you can enter your user name and get the link sent to your email address linked to your profile. You can reset your password by following the link in the email. You will need to do this on an NHS device connected to HSCN (i.e. N3 network).

Fig. 3

Home Forgotten Password

HELP

Forgotten Password

If you cannot remember your password you may request a change.

If you are an existing user, fill in the LOGIN NAME field below.
A request to update the password will be sent to your registered email address that you completed on the PROFILE page (you cannot supply a new email address at this stage).

This email will contain a web link for you to click to go to a page where you can change your password.
If you receive the email on a device that is not connected to the N3 network you will not be able to reset your password.
Please contact the BSUG administrator aking@rcog.org.uk and ask for your password to be reset manually if the link does not work.

FORGOTTEN PASSWORD

Enter Login Name :

Click to change password

3 Follow up Header

Once logged on, a live header comes up which provides number of episodes entered nationally, at your centre and under the user logged in. Also it provides the percentage of episodes with completed follow up out of total. It also provides the numbers over a 12 month period up to 7 months ago. The follow ups are calculated from the cases where record complete icon has been clicked as per section 10.3.

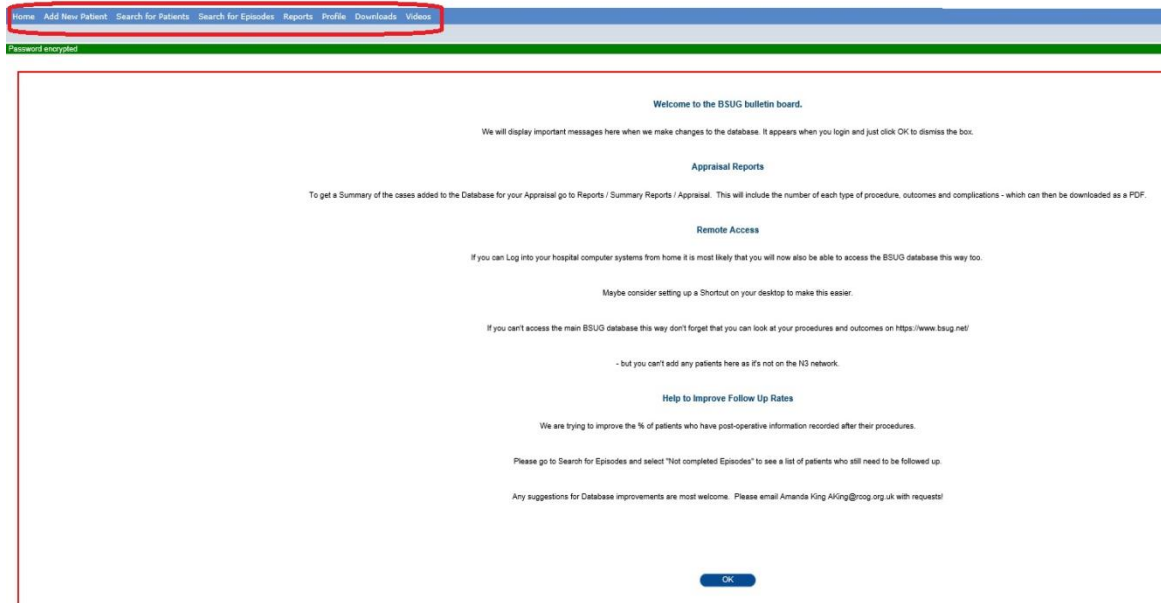
If you are a deputy, then the header will show the National and Centre numbers but user numbers will remain zero.

4 Menu Options

Once logged on, the **Menu Options** situated along the blue bar will have changed allowing the user to utilise various areas of the website such as access to patient details, episodes and other areas. There is a new video section with short clips of how to use this database. Administrators will have access to an additional option on the Menu called "Admin". A bulletin will be displayed with important messages with any new changes. This appears when you login and just click ok to dismiss the box.

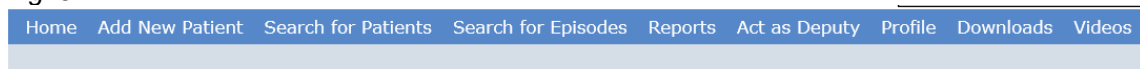
Fig. 4

BSUG Demonstration Database



If you are a deputy then the tabs will appear as follows and you will need to choose the clinician for whom you are acting as a deputy for before proceeding further.

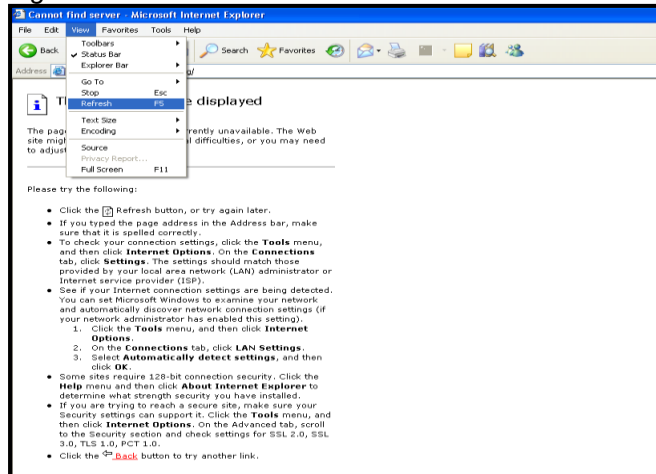
Fig. 5



5 Refreshing the Screen

When using the 'back' function in internet explorer the refresh command may need to be utilised. To do this select **View** and then **Refresh** from the dropdown menu. Alternatively, you can use the **F5** function key which should give the same result. Try not to use the refresh when you are adding a new patient or you are on a new episode page as this may create 2 patients or episodes.

Fig. 6



6 Your Website Profile

Click on the **Profile** option on the Menu Bar and you will be presented with your website profile. In this section you can enter and edit your details either when you first use the website or at any later date. It contains various details pertaining to the user such as title, name, GMC Number, contact details, etc. Please keep this page up-to-date. It is worth noting that the email address provided in this section will be used for forgotten password link and this email should be accessible from the NHS HSCN network to function adequately.

The only details that cannot be changed in this window are User ID, Login Name and the Consultant's centre (details of the centre such as address, telephone number, health - board and centre type can be found by clicking on the hyper-link). These can only be changed by your System Administrator or Webmaster. Your grade can be altered by using the drop down menu.

Also highlighted here is the Deputy section where you can assign the rights for another person or consultant to have access to your patient details and episodes. To nominate your case deputy please contact BSUG Audit database administrator who will create the account for the deputy. Click on the Update button when all details are entered.

Fig. 7

Your Website Profile

— User Details (Log-in)

User ID : 2

Login Name : ADMIN

Display Name : Administrator

New Password : : Repeat password to confirm

(Password only changes if you enter the same text in both fields.)

— Personal Details

Title : Mr

* Forename : BS

* Surname : UG

Initials : BSUG

* GMC Number : 0000

Grade : Unanswered

Designation : Developer

— Contact Details

Telephone : 11

Mobile : 22

* E-mail address : davemiller@meigir.co.uk

Secretary's Telephone : 44

Centre : Dewsbury & District Hospital (21089)

— Access to cases

Deputy : No deputy assigned

— Terms & Conditions

Terms & Conditions accepted on : 1970-01-01 01:00:00

Click to see T&C

— Confirm Update

Update profile? **Update**

Make the changes you want then press this button.
You cannot change the high-lighted fields.

6.1 Your Profile Preferences

Under the same menu there is a New Tab here called **YOUR PREFERENCES**. You can choose the various healthcare providers and hospitals you practice at. If a Provider or Place is not on the list then please email the BSUG administrator as per the contact details provided, requesting to add this for you.

Fig. 8

BSUG Demonstration Database

Home Add New Patient Search for Patients Search for Episodes Reports Profile Centre Downloads Admin

HELP

Your Website Details

Your Profile Your Preferences

— List Management

Your selection

Healthcare providers : NHS
Ramsay Healthcare

Hospital where procedure took place : Ashford and St Peter's Hospital (25962)
Warrington Hospital (21206)

Available

NHS

(22125) centre removed

<< Add >> Remove

<< Add >> Remove

Choose Provider from this drop down list and click the ADD button to add it to your personal selection.

Choose Place from this drop down list and click the ADD button to add it to your personal selection.

Select the item from here and click REMOVE to remove from your personal list.

To add a new patient, select to **Add New Patient** from the top menu bar and the following screen will be displayed. Enter their details including their local hospital and NHS number. The patient must have given their consent to be added to database. There is a tick option for you to confirm this. There is an option of confirming the patient type as NHS or Private.

If you want to add an episode at this stage then click on **SAVE/ADD** icon. If you click on SAVE icon, the new patients' details are saved but they are no longer visible on the page. You can find the patient by using the 'Search for Patient' function as described in section 8.

Fig. 9

BSUG 20 BSUG Demonstration Database

Home **Add New Patient** Search for Patients Search for Episodes Reports Profile Downloads Videos

Add A New Patient

Patient Details

Surname :

Forename :

Date of birth : 8 ▾ 9 ▾ 2021 ▾

Hospital Number :

NHS Number :

Patient type : Unanswered ▾

Patient has consented to their data being used on this database : ☐

Save Details

Save this patient? **SAVE**

Save and add Episode? **SAVE/ADD**

Alternatively, if patient already has been added to your database then use the **Search for Patient** option as per section 8 instead and do not add a new patient case. If a new procedure is being performed on a patient on database then add a new episode for the patient as per section 11 of this guide.

If on search the Patient was not found then click on the **New** icon and this will direct you to the above add new patient screen as in Fig. 9.

8 Finding Patient Records

To search for a particular patient's record click on the **Search for Patients** option and enter known details into the Patient Criteria section and then click on the **Find** icon. A 'patients found' box will be displayed as per below. The match on any filter will pick out records that have any of the search criteria included.

Fig. 10

Patient Criteria

Find : Mine only

Hospital Number :

NHS Number :

Surname : test

Forename :

Patient type : Any

Completion : Include ALL patients

Match on ANY rather than ALL : ☐

Start Search

Search for patient? **FIND**

Reset Patient Criteria? **CLEAR**

Fast Searches

My patients **MINE**

New patient

Add new patient **NEW**

Jump to episode

Enter **JUMP**

There is a drop down section to select if you want to search out of your patients or from patients of your centre. Select one of them. Enter any patient details and also choose one of the completion options as below in Fig.11.

Fig. 11

Include only patients with NOT-completed episodes

Include only patients with NOT-completed episodes

Include only patients with completed episodes

Include ALL patients

Following this click on FIND icon and patient record will come up on the same screen as shown below in Fig.12.

Fig. 12

Patients found: 3

Action	Surname	Forenames	DOB	Hospital	NHS no.	Type	Action
1 episodes	test	patient	10-Oct-1980	12345	1111111111	NHS	edit
0 episodes	testing	testing	28-Oct-2006	88888	8888888888	NHS	edit
0 episodes	testtt	testing	28-Oct-1992	88888	9999999999	NHS	edit

In case you want to edit the episode of the patient or add another episode about this patient, click on right side action which says '1 Episodes' in the example above in Fig.12. It will then take you to the following screen as in Fig. 13, where you could either edit the current episode by clicking on 'Go to Episode' or add another episode for the same patient by clicking on 'Add New Episode' as further described in section 10.

Fig. 13

Episodes

Patient Details

Surname : test
Forename : patient
Date of birth : 10-Oct-1980
Hospital Number : 12345
NHS Number : 1111111111

Episodes for this Patient: 1

Action	Episode #	Completed	Surgery Date	Surgery Type	Date (submitted)	MHRA
Go to Episode	169480	<input type="checkbox"/>	26-Oct-2021	Cystoscopic BNI- Macroplastique	26-Oct-2021 10:36	

[Add New Episode](#)

[Show Completed Episodes](#)

If this patient has any completed episodes, they may not be displayed initially. You can bring them up by clicking the icon saying 'Show completed episodes'.

On Fig.12 – if you click on 'Edit' icon, it will take you to the following screen (Fig. 14), where you can edit patient details, but previous episodes are not displayed. If you then click on 'Patient episodes LIST' icon, the screen above will appear again. One has to be mindful of this as otherwise one can assume that there is no previous episode and inadvertently add an episode resulting in multiple entries of same procedure.

Fig. 14

Edit Patient - #1160769

Patient Details

Surname : test
Forename : patient
Date of birth : 10 / 10 / 1980
Hospital Number : 12345
NHS Number : 1111111111
Patient type : NHS
Patient has consented to their data being used on this database : ☒

Fast Access

[Patient episodes LIST](#)
[My patients MINE](#)

Assignment

Clinician : Kapilmeet Kaur
Centre : Stepping Hill Hospital (2)

Save Details

Save this patient? [SAVE](#)
Save and add Episode? [SAVE/ADD](#)

Delete Details

Delete this patient? [DELETE](#)

Audit

When	Who	What
2021-Oct-26 10:34		Added

There is also the option to conduct a Fast Search for "My Patients" and also to Add New Patient. See Section 7 for Adding a New Patient and 12 for Fast Searches.

9 Search for Patient Episodes

This Search function can provide list of operations undertaken in a certain time period. Further, it can also provide list of cases where follow up record has been completed or not completed, and also time elapsed since date of operation, thus providing a tool to chase pending follow ups. To query episodes within a given date range, click on the **Search for Episodes** menu option and you will be presented with a series of drop down menus as highlighted in the General searches section in the diagram below. The data can be manipulated according to range of date, surgery type and the consultant involved. Also by clicking on the episode status drop down menu one can search on completed, not completed or all episodes. There is also option of excluding Did Not Attend patients in the search. The results can be outputted as a **PDF** document, if preferred by selecting this option. The output can also be subdivided in type of patient such as NHS or Private.

Fig. 15

Episode #	Hosp. Num.	Since	Last Updated	Op Date	Patient DOB	Age	Surgery	Patient / [Consultant]
15568	admin-test	4 mon	10-Feb-2010 15:36	10-Feb-2010	10-Feb-1996	14	Anterior repair (AR) + BNB	surname_15085, forename_15085

This function is a useful tool for checking on incomplete records which for the purpose of follow up numbers are counted as incomplete follow ups. An episode can also be queried through the **Search for Patients** menu. Once a patient is found, simply click on the episodes icon. (See finding patients records section 7)

9.1 Episode Results Querying

If the results for episode search are outputted on screen then the table appears as in Fig. 16 below. If the mouse is placed over the values under the Episode number or the 'Patient/Consultant' heading, the option turns a different colour indicating that this option can yield further information if clicked upon. Clicking on the episode number in first column will result in opening the episode in a new tab. Further information can be added or changed in the episode as described in section 10 and the tab then closed. The last column in the output table provides the patient name (which is redacted if the episode is under another consultant at your centre). If this is clicked then one reaches the page displaying patient details as in Fig. 14.

Fig. 16

Episode	Hosp. Num.	Since	Last Updated	Op Date	Patient DOB	Age	Surgery	Patient / [Consultant]
# 16066	DMspeed	2 wk	15-Dec-2010 13:20	15-Dec-2010	15-Dec-1991	19	Unanswered	Gonzalez, Speedy
# 15568	admin-test	10 mon	15-Nov-2010 01:37	10-Feb-2010	10-Feb-1996	14	Anterior repair (AR) + BNB	surname_15085, forename_15085

10 Adding Information into an Episode

In the adding a new or editing an episode window, there are five Menu tabs: **Pre-Op, Surgery, Post Op, Long Term Follow up and ePAQ**, which contain details of the various stages of the patient's management for that episode. There is option of adding more **Follow Up** tabs if needed.

In the Pre-op and Post-op menus the data input is subdivided to 'Recommended minimum dataset' and additional Information if available for ease of collecting data.

10.1 Pre-op

The first section of the pre-op record contains three choices of Surgical Procedure/ Episode Type and Past History. The information boxes in all Menu Boxes will differ depending on which one is selected. Simply click on the circle/Box desired. The episode information can be entered in the various sections of the form, making use of the drop down menus, which yield different selections when the down arrow is clicked on. Also there are 'add' and 'remove' options (blue icons) which give the user the ability to add or remove selections. In between the bottom 'add' and 'remove' icons is a blank box which allows new entries to be inputted by the user into the 'previous surgery' section.

There is also opportunity of recording mesh or graft complications surgery accurately on the BSUG database by ticking the box in the surgical procedure section. The step by step guide of how to record mesh complication is explained in section 11.

Fig. 17

The screenshot shows the 'Pre-op' form in the BSUG database. At the top, there are tabs for 'Pre-op', 'Surgery', 'Post-op', 'Long Term Followup', and 'ePAID'. The form is organized into three main sections:

- Recommended Minimum Dataset:**
 - Surgical Procedure:** Episode type (radio buttons for 'Incontinence +/- Prolapse' and 'Prolapse only').
 - Mesh/Graft Complication surgery:** A checkbox.
 - Pre-op preparation:**
 - Pelvic floor exercises offered: Yes - accepted (dropdown).
 - Who supervised the exercises: Physiotherapist (dropdown).
 - Pre-op urodynamics performed: No (dropdown).
 - Pre-op Urodynamic diagnosis: Text input field with '<< Add' and '>> Remove' buttons.
 - Case discussed at an MDT: Unanswered (dropdown).
 - Procedure-specific information literature given: Unanswered (dropdown).
 - Test History:**
 - Previous surgery: Text input field with '<< Add', '<< Add', and '>> Remove' buttons.
 - Parity: Unanswered (dropdown).
 - Save Record:** 'Save this episode?' with a 'SAVE' button.
- Additional Information if available:**
 - Pre-op ICIQ Scores:** (Questionnaires available in download section)
 - ICIQ-UI (urinary stress incontinence): Unanswered (dropdown).
 - ICIQ-VS (prolapse): VS Unanswered (dropdown), SM Unanswered (dropdown).
 - ICIQ-QAB (overactive bladder): Unanswered (dropdown).
 - ICIQ-LUTS/QOL (Urinary Quality of Life): Unanswered (dropdown).
 - ICIQ-FLUTS: F Unanswered (dropdown), V Unanswered (dropdown), I Unanswered (dropdown).
 - Other Quality of Life scores: Text input field.
 - ICIQ Assessment:**
 - Aa, Ba, C, Gh, Pb, TVL, Ap, Bp, D: Each with a 'Not Do' dropdown.
 - Anterior vaginal Wall (a): n/a (dropdown).
 - Posterior Vaginal Wall (p): n/a (dropdown).
 - Cervix (cx): abc (dropdown).
 - Cuff (c): n/a (dropdown).
- Common options:**
 - Save Record:**
 - 'Save this episode?' with a 'SAVE' button.
 - 'Save and add another Followup tab?' with a '+FOLLOWUP' button.
 - 'DELETE this episode?' with a 'DELETE' button.
 - Case reported to MHRA: No (dropdown).
 - A yellow 'YellowCard' button.

At the base of the Pre-Op form there are 3 options:
 Save: - This saves the new details entered in the episode.
 Follow up: - This will add a new tab in the episode for entering follow up information.
 Delete: - This choice deletes the episode.

Fig. 18

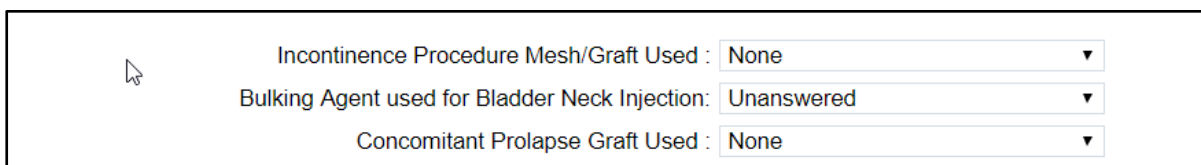
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10.2 Surgery

After selecting the Surgery menu tab there are other drop down menus and 'add' and 'remove' icons to help with filling in this section. There are some differences depending on the surgical procedure type chosen in the Pre-op tab. In between the top 'add' and 'remove' icons there is a blank box which can be used to enter additional information in the 'concomitant surgery section'.

In line with NICE guidance, the Database will now collect more information on the Products being used for Incontinence and Prolapse surgery. This will also enable users to more easily find the necessary information on product codes etc. should they need to make an MHRA Report.

Fig. 19



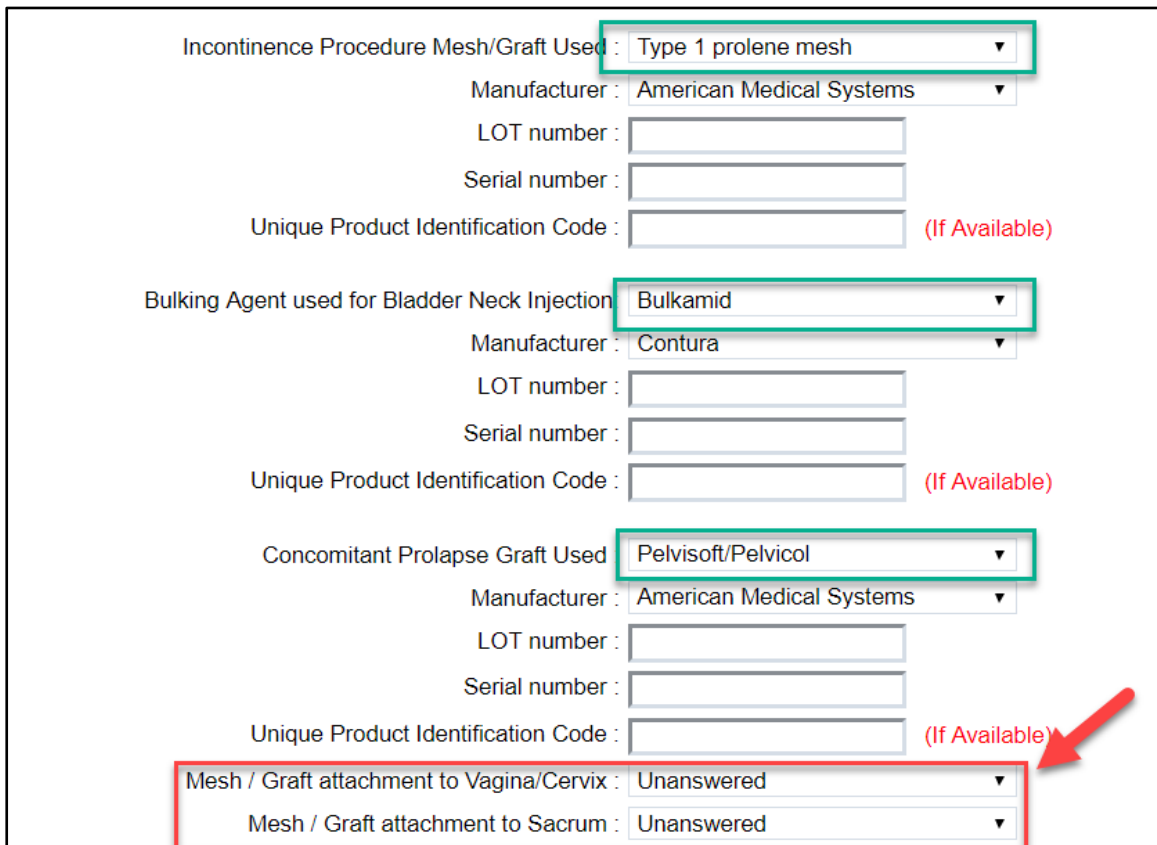
Incontinence Procedure Mesh/Graft Used : None ▼

Bulking Agent used for Bladder Neck Injection: Unanswered ▼

Concomitant Prolapse Graft Used : None ▼

Making a selection in the fields above in Fig 19, will open further information sections as shown below in Fig 20.

Fig. 20



Incontinence Procedure Mesh/Graft Used : Type 1 prolene mesh ▼

Manufacturer : American Medical Systems ▼

LOT number :

Serial number :

Unique Product Identification Code : (If Available)

Bulking Agent used for Bladder Neck Injection : Bulkamid ▼

Manufacturer : Contura ▼

LOT number :

Serial number :

Unique Product Identification Code : (If Available)

Concomitant Prolapse Graft Used : Pelvisoft/Pelvicol ▼

Manufacturer : American Medical Systems ▼

LOT number :

Serial number :

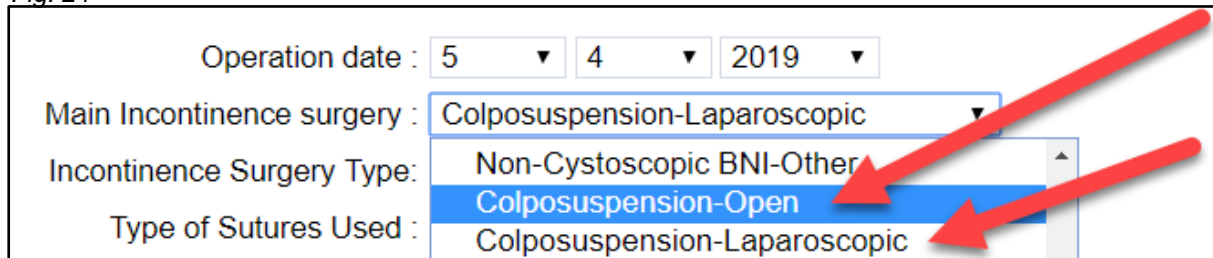
Unique Product Identification Code : (If Available)

Mesh / Graft attachment to Vagina/Cervix : Unanswered ▼

Mesh / Graft attachment to Sacrum : Unanswered ▼

For certain procedures, such as Colposuspension (Open and Laparoscopic) and Sacrospinous Fixation, information regarding the type of sutures used will also be collected.

Fig. 21



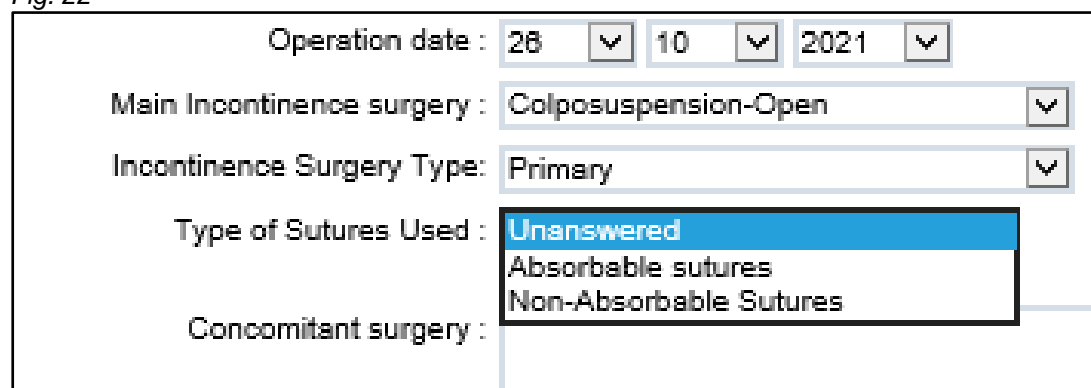
Operation date : 5 ▾ 4 ▾ 2019 ▾

Main Incontinence surgery : Colposuspension-Laparoscopic ▾

Incontinence Surgery Type: Non-Cystoscopic BNI-Other ▾
Colposuspension-Open
Colposuspension-Laparoscopic ▾

Type of Sutures Used :

Fig. 22



Operation date : 28 ▾ 10 ▾ 2021 ▾

Main Incontinence surgery : Colposuspension-Open ▾

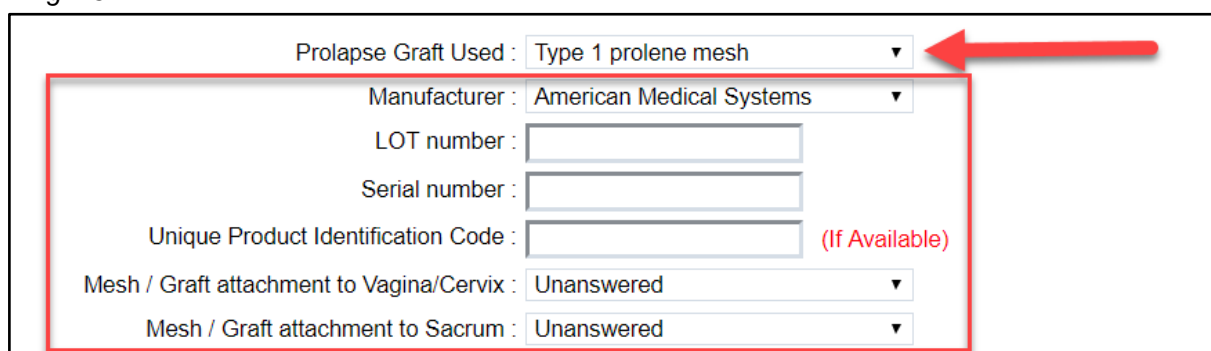
Incontinence Surgery Type: Primary ▾

Type of Sutures Used : Unanswered
Absorbable sutures
Non-Absorbable Sutures

Concomitant surgery :

If a Mesh is used for Prolapse surgery information regarding the sutures or Staples used for attachment to the Vagina / Cervix or Sacrum is also be collected.

Fig. 23



Prolapse Graft Used : Type 1 prolene mesh ▾

Manufacturer : American Medical Systems ▾

LOT number :

Serial number :

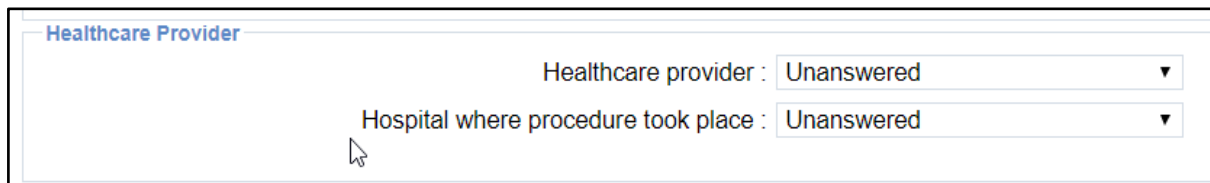
Unique Product Identification Code : (If Available)

Mesh / Graft attachment to Vagina/Cervix : Unanswered ▾

Mesh / Graft attachment to Sacrum : Unanswered ▾

There is also option of recording the Health Providers as set on your Profile menu (Your preference- see section 6.1). Completing this would allow you run reports at different hospitals if required.

Fig. 24



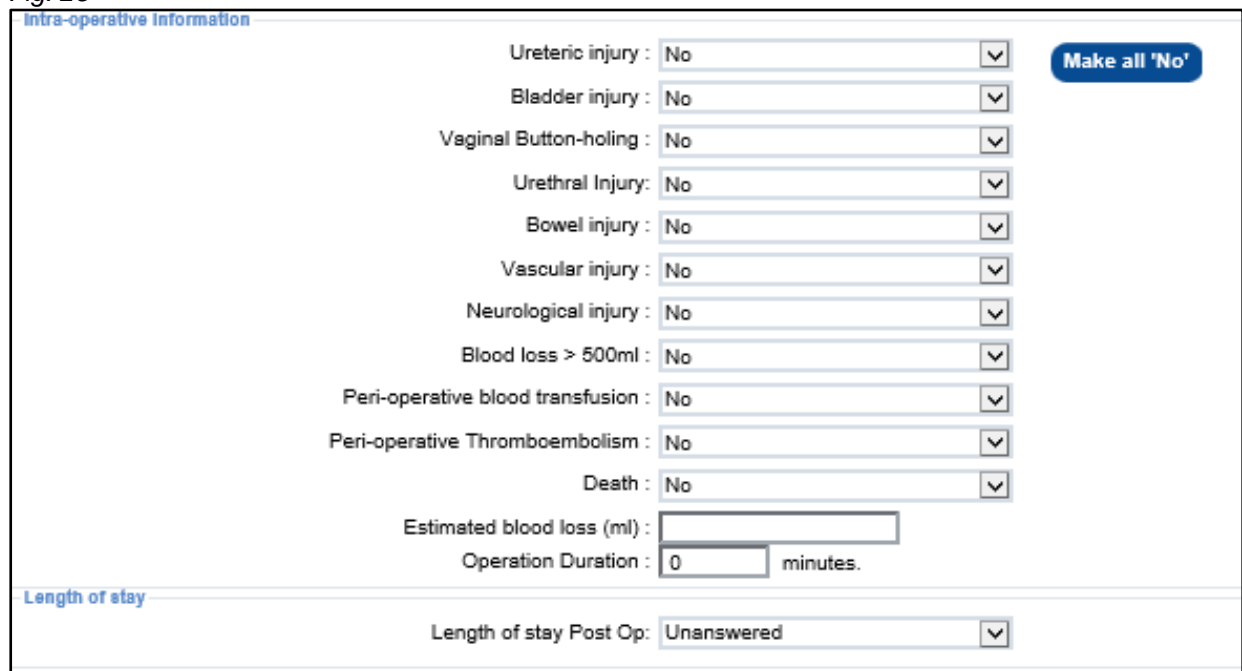
Healthcare Provider

Healthcare provider : Unanswered ▼

Hospital where procedure took place : Unanswered ▼

Intraoperative information is collecting intra-operative complications. The Make All 'No' tab simply sets all the selections to No in the Intra-Operative Information section. This stage of the episode can also be saved or deleted.

Fig. 25



Intra-operative Information

Ureteric injury : No ▼

Bladder injury : No ▼

Vaginal Button-holing : No ▼

Urethral Injury: No ▼

Bowel injury : No ▼

Vascular injury : No ▼

Neurological injury : No ▼

Blood loss > 500ml : No ▼

Peri-operative blood transfusion : No ▼

Peri-operative Thromboembolism : No ▼

Death : No ▼

Estimated blood loss (ml) :

Operation Duration : 0 minutes.

Length of stay

Length of stay Post Op: Unanswered ▼

Make all 'No'

There is also a section of length of post-op stay. This will need to be completed once the patient is discharged.

10.3 Post-Op

After selecting the Post-Op menu tab there are other drop down menus to add information about recovery and follow up.

Also there is a Record Complete option which can be selected once all the relevant follow-up information has been added to the episode. This information can be used to filter episodes when using the search for episode function (see section 9). This stage of the episode can also be saved, or deleted. A further follow up tab can also be generated.

Fig. 26

Recommended Minimum Dataset

Post-op morbidity

Return to theatre for procedure-related event within 72 hrs: Unanswered ☐ **Make all 'No'**

Catheterisation required for more than 10 days post-op: Unanswered ☐

Return to hospital within 30 days for procedure related event: Unanswered ☐

Readmitted to hospital within 30 days for procedure related event: Unanswered ☐

Long term problem identified: ☐

Post-op follow-up

How was follow-up carried out: Unanswered ☐

What is the follow-up interval: Unanswered ☐

Global Impression of Improvement for Incontinence: O-Unanswered ☐

Global Impression of Improvement for Prolapse: O-Unanswered ☐

Persistent Post-operative Pain: Unanswered ☐

Change in Stress Urinary Incontinence (i.e. leakage with activity): Unanswered ☐

Change in Urgency / Urge Incontinence: Unanswered ☐

Does patient require catheters: Unanswered ☐

If Yes, were they required pre-op: Unanswered ☐

Post-op Graft Complications

Graft Complications: Unanswered ☐

Notes

Did Not Attend: ☐

All details entered

Record complete: ☐ **Only tick this box when follow-up data has been entered**

Save Record

Save this episode? **SAVE**

Additional Information if available

Post-op ICIQ Scores
(Questionnaires available in download section)

ICIQ-UI (urinary stress incontinence): Unanswered ☐

ICIQ-VS (prolapse): VS Unanswered ☐ SM Unanswered ☐

ICIQ-QAB (overactive bladder): Unanswered ☐

ICIQ-LUTSQOL (Urinary Quality of Life): Unanswered ☐

ICIQ-FLUTS: F Unanswered ☐ V Unanswered ☐ I Unanswered ☐

Other Quality of Life scores:

POP-Q Assessment

Aa Not Do <input type="checkbox"/>	Ba Not Do <input type="checkbox"/>	C Not Do <input type="checkbox"/>	Anterior vaginal Wall (a) n/a <input type="checkbox"/>
Gh Not Do <input type="checkbox"/>	Pb Not Do <input type="checkbox"/>	TVL Not Do <input type="checkbox"/>	Posterior Vaginal Wall (p) n/a <input type="checkbox"/>
Ap Not Do <input type="checkbox"/>	Bp Not Do <input type="checkbox"/>	D Not Do <input type="checkbox"/>	Cervix (cx) abs <input type="checkbox"/>
			Cuff (c) n/a <input type="checkbox"/>

Common options

Save Record

Save this episode? **SAVE**

Case reported to MHRA: No ☐ ***YellowCard**

Save and add another Followup tab? **+FOLLOWUP**

DELETE this episode? **DELETE**

10.4 Graft Complication Calculator

As part of the Post Op/Follow up, there is a section for adding Graft Complication coding. The drop down options are Unanswered (as default), No and Yes. Once Yes has been selected, some additional boxes will appear, allowing entry of the appropriate code. If the user is unsure of this, they can click the link for the External GCC Calculator.

Fig. 27

The screenshot shows a web form titled "Post-op Graft Complication". It contains the following elements:

- A dropdown menu for "Graft Complications" with "Yes" selected.
- A text label "ICS IUGA Prosthesis / Graft Complication Classification Code - [External GCC calculator](#)".
- A "New coding" section with four input boxes, a hyphen, a dropdown menu showing "T", another hyphen, a dropdown menu showing "S", and a final input box. To the right is a blue "Add" button and a text box that says "Press ADD after entering a new coding."
- A dropdown menu for "Case reported to MHRA" with "No" selected.
- A yellow button labeled "* YellowCard".

There is a link to yellow card reporting webpage and opportunity of confirming reporting of the case to MHRA by choosing yes on drop down option. This would allow you of obtaining a report of cases referred to MHRA.

10.5 Long Term Follow up

The Long Term Follow up tab allows the user to record problems identified following surgery by ticking the appropriate problem from a set list. This stage of the episode can also be saved or deleted. Additional follow up tabs can also be generated as mentioned in section 10.3.

Fig. 28

Pre-op	Surgery	Post-op	Follow-up	Long Term Followup	ePAQ
--------	---------	---------	-----------	--------------------	------

Problems Identified

Time from surgery : months.

Prolapse

Same site recurrent prolapse requiring conservative therapy : ☐

Same site recurrent prolapse requiring surgery : ☐

New site prolapse : ☐

Bladder

Recurrent incontinence treated conservatively : ☐

Recurrent incontinence requiring surgery : ☐

New incontinence treated conservatively : ☐

New incontinence requiring surgery : ☐

Recurrent Cystitis / UTIs : ☐

Voiding difficulty : ▼

Bowel

New onset constipation : ☐

Obstructive defaecation : ☐

Sexual activity

De novo dyspareunia : ☐

Mesh

Vaginal narrowing secondary to mesh retraction : ☐

Mesh erosion : ▼

Chronic Pain

Pelvic : ☐

Vaginal : ☐

Bladder : ☐

Urethral : ☐

Long Term Graft Complication

Graft Complications : ▼

Common options

Save Record

Save this episode? Case reported to MHRA :

Save and add another Followup tab?

DELETE this episode?

10.6 ePAQ

The ePAQ tab can be used to record Pre and Post Op scores for the patient under 4 areas. This stage of the episode can also be saved or deleted.

Fig. 29

Edit an Episode - #21350

Pre-op Surgery Post-op Long Term Followup **ePAQ**

	Pre Op	Post Op
Urinary		
Pain :	<input type="text" value="0"/>	<input type="text" value="0"/>
Voiding :	<input type="text" value="0"/>	<input type="text" value="0"/>
Overactive Bladder :	<input type="text" value="0"/>	<input type="text" value="0"/>
Stress Urinary Incontinence :	<input type="text" value="0"/>	<input type="text" value="0"/>
Quality of Life :	<input type="text" value="0"/>	<input type="text" value="0"/>
Bowel		
Irritable Bowel :	<input type="text" value="0"/>	<input type="text" value="0"/>
Constipation :	<input type="text" value="0"/>	<input type="text" value="0"/>
Evacuation :	<input type="text" value="0"/>	<input type="text" value="0"/>
Continence :	<input type="text" value="0"/>	<input type="text" value="0"/>
Quality of Life :	<input type="text" value="0"/>	<input type="text" value="0"/>
Vaginal		
Pain & Sensation :	<input type="text" value="0"/>	<input type="text" value="0"/>
Capacity :	<input type="text" value="0"/>	<input type="text" value="0"/>
Prolapse :	<input type="text" value="0"/>	<input type="text" value="0"/>
Quality of Life :	<input type="text" value="0"/>	<input type="text" value="0"/>
Sexual		
Urinary & Sex :	<input type="text" value="0"/>	<input type="text" value="0"/>
Bowel & Sex :	<input type="text" value="0"/>	<input type="text" value="0"/>
Vagina & Sex :	<input type="text" value="0"/>	<input type="text" value="0"/>
Dyspareunia :	<input type="text" value="0"/>	<input type="text" value="0"/>
General Sex Life :	<input type="text" value="0"/>	<input type="text" value="0"/>

Save Record

Save this episode? SAVE

+FOLLOWUP

-->

DELETE this episode? DELETE

11. Recording Mesh / Graft Complication Surgery

It is important that all patients having surgery for a Mesh or Graft complication have their procedures recorded accurately on the BSUG database. The following is a step by step guide of how to do so.

Step 1 – Pre-op page

Decide if the mesh complication arises as a result of previous Incontinence or Prolapse procedure – then tick the selected boxes.

In this example, the patient had undergone a previous TVT procedure. Also use the GCC calculator to obtain the graft complication classification code. Report the case to MHRA and click yes in the section indicated.

Fig. 30

The screenshot displays the 'Pre-op' tab of the BSUG database interface. The 'Recommended Minimum Dataset' section is active, showing the 'Surgical Procedure' section where 'Episode type' is set to 'Incontinence +/- Prolapse' (indicated by a red arrow). Below this, 'Mesh/Graft Complication surgery' is checked (indicated by a red arrow). The 'Mesh Procedure requiring corrective surgery' section shows 'Retropubic Vaginal Tape' checked (TVT) (indicated by a red arrow), while other options like 'Transobtrurator Vaginal Tape' and 'Vaginal mesh for Prolapse' are unchecked. A list of other procedures (Sacrocolpopexy, Sacrohysteropexy, Sacrocervicopexy, Rectopexy, and Other) is provided. The 'Graft Complications' section is set to 'Yes'. The 'ICS IUGA Prosthesis / Graft Complication Classification Code' section includes a link to the 'External GCC calculator' (indicated by a red arrow) and a 'New coding' field with a blue 'Add' button. The 'Case reported to MHRA' section is set to 'No'. A yellow 'YellowCard' button is visible (indicated by a red arrow). The bottom of the page shows the 'Indications for Surgery' section.

Step 2 – Pre-op page

If the mesh / graft complication surgery box is selected – a tick box automatically appears with a list of possible indications for revision surgery (more than one can be ticked or free text can be added).

Fig. 31

The screenshot shows a form titled "Indications for Surgery". It contains a list of indications, each followed by a checkbox:

- Pain : ☐
- Dyspareunia : ☐
- Mesh erosion / extrusion : ☐
- Voiding difficulty : ☐
- To relieve urinary urgency : ☐
- Urinary Incontinence : ☐
- Urinary tract Infections : ☐
- Patient request : ☐
- Other :

The "Other" field is a text input box with a vertical scrollbar on the right side.

On the same page, also choose the investigations that have been undertaken.

Fig. 32

The screenshot shows a form titled "Investigations into possible Mesh / Graft complication". It contains a list of investigations, each followed by a dropdown menu set to "Unanswered":

- Examination under anaesthesia (EUA) : Unanswered
- Cystourethroscopy : Unanswered
- Sigmoidoscopy : Unanswered
- Laparoscopy : Unanswered
- Ultrasound : Unanswered
- MRI : Unanswered
- CT : Unanswered
- Fluoroscopic studies (Cystography or contrast enema) : Unanswered
- Flow study +/- measurement of residual : Unanswered
- Urodynamic studies : Unanswered
- Neurophysiology (including nerve conduction studies) : Unanswered
- Other Investigations :

A blue button labeled "Make all 'No'" is located to the right of the dropdown menus. The "Other Investigations" field is a text input box with a vertical scrollbar on the right side.

Step 3 – Surgery page

A list of possible mesh / graft revision procedures will automatically appear which should be completed along with details of any concomitant operations.

Fig. 33

The screenshot shows the 'Surgery' page of a medical database. At the top, there are tabs: 'Pre-op', 'Surgery' (selected), 'Post-op', 'Long Term Followup', 'ePAQ', and 'Deprecated 2015'. The 'Surgery' section includes an 'Operation date' field set to 18/12/2017. Below this is a 'Mesh / Graft Complications surgery' field with the value 'Suburethral tape - divided'. To the right of this field is a list of possible mesh revision procedures, including 'Suburethral tape - stretched', 'Suburethral tape - divided', 'Excision vaginal part of MJT (not exposed / eroded)', 'Partial removal of retropubic tape - open / laparoscopic / robotic', 'Total removal of retropubic tape - open / laparoscopic / robotic', 'Mesh erosion (urethral) - excised', 'Mesh erosion (bladder) - excised', 'Mesh erosion (bowel) - excised', 'Burial of mesh / graft exposure vaginally (no mesh removed)', 'Localised excision and closure of vaginal mesh exposure', 'Total excision of vaginal wall mesh', 'Total removal of transobturator tape', 'Abdominal removal of Sacrocolpopexy mesh - open / laparoscopic / robotic', 'Abdominal removal of Sacrohysteropexy mesh - open / laparoscopic / robotic', and 'Abdominal removal of Sacrocolpopexy mesh - open / laparoscopic / robotic'. Below the mesh revision list are buttons for '<< Add', '<< Add', and '>> Remove'. The 'Mesh/Graft Surgery Type' is set to 'First mesh complication surgery'. The 'Concomitant surgery' is set to 'None'. Below these fields is a 'BMI Calculator' section with fields for Height(m), Weight(Kg), and BMI. The 'Anaesthetic/surgeon' section includes fields for 'Anaesthetic used' (GA), 'Senior surgeon present' (Consultant), and 'Grade of operator' (Consultant). The 'Intra-operative Graft Complication' section has a 'Graft Complications' field set to 'No'. The 'Intra-operative information' section includes fields for 'Ureteric injury', 'Bladder injury', 'Vaginal Button-holing', 'Urethral Injury', 'Bowel injury', 'Vascular injury', 'Neurological injury', 'Blood loss > 500ml', 'Peri-operative blood transfusion', and 'Peri-operative Thromboembolism', all set to 'No'. A 'Make all 'No'' button is also present.

Please do not forget to report the mesh / graft complication to the MHRA

Step 4 – Follow up

Record surgical outcomes in the usual way. We are considering more specific options for this type of surgery. Suggestions are most welcome!

Patients having their Primary Mesh Procedure in another Unit.

It is not possible to access the records of a patient whose data was added by another Unit – for data protection reasons. We therefore suggest that you:

- 1) Obtain the consent of the patient to allow you to contact the surgeon / unit where the mesh procedure took place to inform them that a complication has occurred.
- 2) Inform the Unit about the complication (including details of the ICS/IUGA Prosthesis/Graft Complication Classification Code) and ask them to update the patient's records on the BSUG database.

Step 5 – Reports

You can see how many mesh complication procedures you have undertaken in a selected time frame by selecting Reports / Summary reports / Mesh Graft Complication surgery.

Fig. 34

The screenshot shows a web application interface for generating a 'Procedures Performed Summary Report'. The top navigation bar includes links for Home, Add New Patient, Search for Patients, Search for Episodes, Reports, Profile, Downloads, and Admin. The 'Reports' link is highlighted with a red arrow. Below the navigation bar, the title 'Procedures Performed Summary Report' is displayed. The form is divided into several sections: 'Summary Reports' with a sub-section 'Operation Dates' containing 'From date' (1/1/2000) and 'To date' (5/3/2018) fields, with a red arrow pointing to the date range; 'Comparative selection' with checkboxes for 'Self', 'Centre', and 'National'; 'Procedure(s)' with radio buttons for 'Incontinence +/- Prolapse', 'Prolapse only', and 'Both (either)', and a checkbox for 'Mesh/Graft Complication Episodes only' which is highlighted with a red arrow; and 'Produce Data' with a 'Run this report ?' section containing buttons for 'On Screen', 'PDF', 'SAVE', and 'RESET', with a red arrow pointing to the 'SAVE' button. The 'SAVE' button is highlighted in yellow.

12. Fast Search Functions

There is a Fast Search Option for accessing My Patients: after entering the Search for Patients menu to the right of the window there is a fast search entitled MINE which when clicked on will bring up a list of all of the user's patient records (and for the person the user is acting as a deputy for). From here individual episodes can be explored and patient's details changed if necessary by using the edit function.

Fig. 35

Find Patient : for Administrator

Patient Criteria

Hospital Number :

Surname :

Forename :

Match on ANY rather than ALL : ☐

Completion :

Start Search

Search for patient?

Patients found: 3

Action	Surname	Forenames	DOB	Hosp Num	Action
<input type="button" value="episodes"/>	Gonzalez	Speedy	15-Dec-1991	DMspeed	<input type="button" value="edit"/>
<input type="button" value="episodes"/>	surname_15085	forename_15085	10-Feb-1996	admin-test	<input type="button" value="edit"/>
<input type="button" value="episodes"/>	surname_9647	forename_9647	27-Apr-1957	DM1	<input type="button" value="edit"/>

Fast Searches

My patients

New patient

There are 3 Fast search functions that can be used whilst in the 'edit an episode' window.

The First 'Patient Details' will after clicking on EDIT, allow the logged on user to edit the patient details.

The Second 'Patient Episodes' will after clicking on LIST, produce a list of the patient's episodes. See section 8, Fig.14 for further details.

The Third 'My Patients' will after clicking on MINE, produce a list of all of the logged on user's patients (or the person they are deputising for).

Fig. 36

Patient Details

Surname : Gonzalez
Forename : Speedy
Date of birth : 15 Dec 1991
Hospital Number : DMSpeed

Edit an Episode - #16066

Fast Access

Patient details

Patient episodes

My patients

13. Downloads

There is a Downloads section available by clicking on the title on the menu bar. Within this window are a number of PDF documents containing information, forms and letters etc. They are accessed by clicking on the [highlighted text](#). There is also a link to BSUG pages on the Royal College of Obstetricians and Gynaecologists' website.

Fig. 37

Documents available to download

- [BSUG Patient Consent Form 2021](#) BSUG Patient Consent Form 2021
- [BSUG Database Patient Information 2021](#) BSUG Database Patient Information 2021
- [BSUG Caldicott Guardian Information 2021](#) BSUG Caldicott Guardian Information 2021

BSUG Patient Global Impression of Improvement (PGI-I) Questionnaires

- [BSUG PGI-I Incontinence](#) BSUG Patient Global Impression Of Improvement (PGI-I) Questionnaire - Incontinence
- [BSUG PGI-I Prolapse](#) BSUG Patient Global Impression Of Improvement (PGI-I) Questionnaire - Prolapse

ICIQ

- [ICIQ-UI Short Form questionnaire](#) ICIQ-UI Short Form questionnaire
- [ICIQ-VS Questionnaire](#) ICIQ-VS Questionnaire
- [ICIQ-OAB Questionnaire](#) ICIQ-OAB Questionnaire
- [ICIQ-LUTSqol. \(KHQ\). questionnaire](#) ICIQ-LUTSqol, (KHQ), questionnaire, for evaluating quality of life in urinary incontinent patients
- [ICIQ Information document](#) The International Consultation on Incontinence Modular Questionnaire: [www.iciq.net](#)
- [ICIQ Brief information](#) A brief and robust measure for evaluating the symptoms and impact of Urinary incontinence
- [ICIQ-UI Short Form - summary](#) ICIQ-UI Short Form - summary
- [ICIQ-VS - summary \(SMH\)](#) ICIQ-VS - summary (SMH).
- [ICIQ-VS Validation](#) ICIQ-VS Validation
- [ICIQ-OAB Summary](#) ICIQ-OAB Summary
- [ICIQ-LUTSqol - summary](#) ICIQ-LUTSqol - summary

User Guides

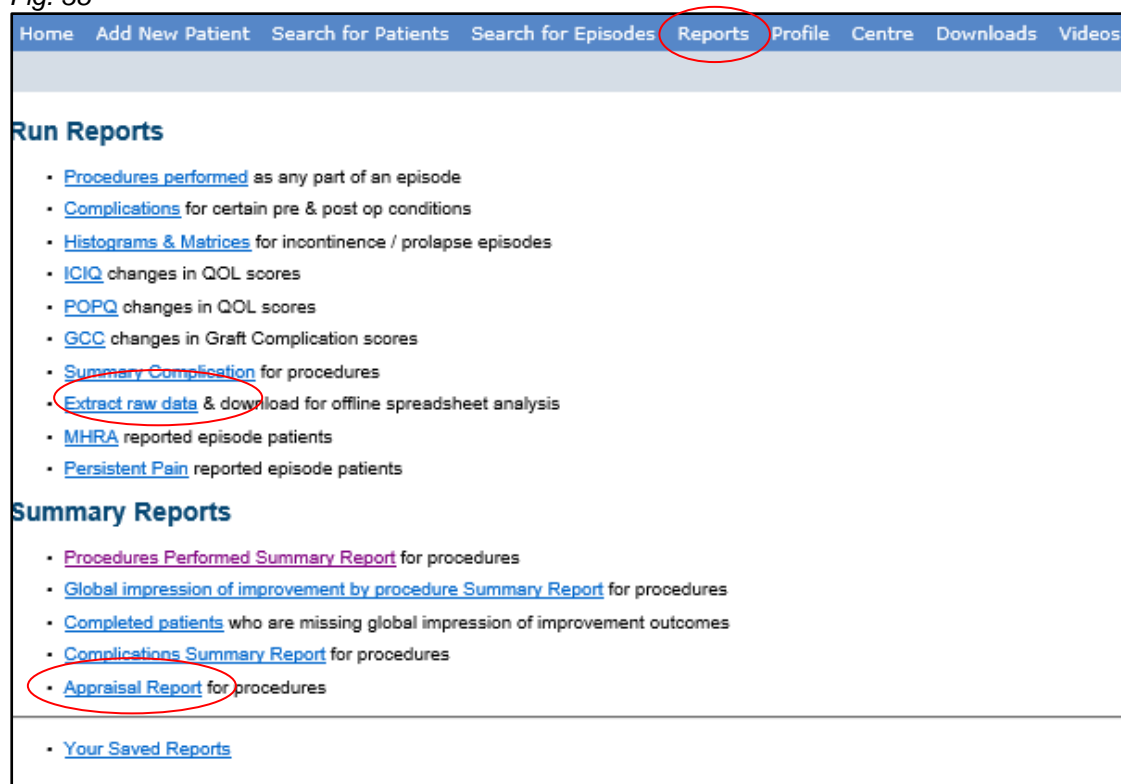
- [BSUG User Guide v1.5](#) BSUG User Guide v1.5
- [BSUG User Guide - Recording Mesh / Graft Complication Surgery](#) Instructions on how to record mesh / graft complication surgeries on the BSUG database
- [BSUG Release notes for January 2020 upgrade](#) BSUG Release notes for January 2020 upgrade

See also the [BSUG pages](#) on the RCOG website.

14. Reports

In the Reports section there are a number of reports that can be run and or outputted as a PDF document. These can be opened using Adobe Acrobat Reader which, if not installed on your PC, is a free download from <http://www.adobe.com/>.

Fig. 38



Extract raw data can be used to extract raw data of yourself or your centre for selected years in the form of an excel sheet. It can be used selectively for certain procedures or for all procedures. Raw data extraction can be done for your patients from a previous centre as well. Also, you can select the option to extract data for your centre for only current consultants or include previous consultants' data as well.

Appraisal report can also be used to provide number of procedures undertaken over a given period and follow up data. The interpretation of the numbers should be done carefully as number of operations often is different from number of episodes as multiple procedures are undertaken in same episode especially for prolapse surgery.